



Product Catalog

Application Specific Interconnects

Industrial • Aerospace • Medical





ABOUT US

Milpitas, California

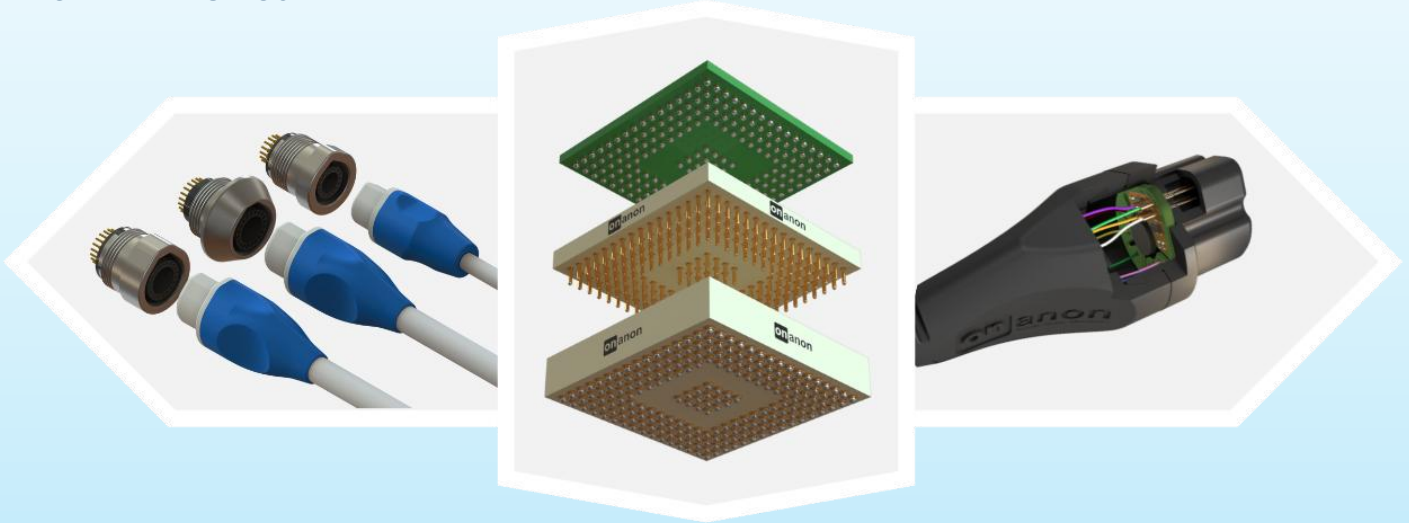


Onanon is a leading connector and cable assembly manufacturer headquartered in Milpitas, California, specializing in custom interconnect solutions for medical, automotive, and industrial applications. With a second production facility in Hermosillo, Mexico, we deliver high-quality, scalable manufacturing to meet global demand.

Hermosillo, Mexico



Onanon, Inc. is an engineering and manufacturing company capable of producing over 10 million connector components a day, making us one of the largest connector manufacturers in North America.



Established in 1979, Onanon has a tradition of zero defects, on-time delivery and cost competitiveness. Our fully automated Milpitas, California manufacturing facility houses Engineering through Manufacturing.

Onanon is particularly distinguished by our proprietary high speed automated machining and assembly processes. This method of manufacturing gives us the flexibility to easily and quickly reconfigure to make any size/shape connector with little to no tooling cost.

Our product line features advanced connector solutions like MagConnect® and SmartConnect® designed for medical and industrial applications. We also provide BoardConnect®, focusing on board-to-board, BGA sockets, spring-loaded sockets, pin headers, and a wide range of other application specific interconnect solutions.

Onanon products are found in these diverse markets:

- Medical Cables
- Medical Equipment
- Networking Systems
- Power Supplies
- Scanners
- Test Equipment
- Telecommunications
- AC/DC Converters
- Automotive
- Backplanes
- Broadcasting Equipment
- Computers
- Connectors
- Fiber Optics
- Instrumentation

Quality in Production



Based on the principles of continuous improvement and the commitment to meet the requirement of ISO 13485, Onanon will meet customer requirements the first time, every time.

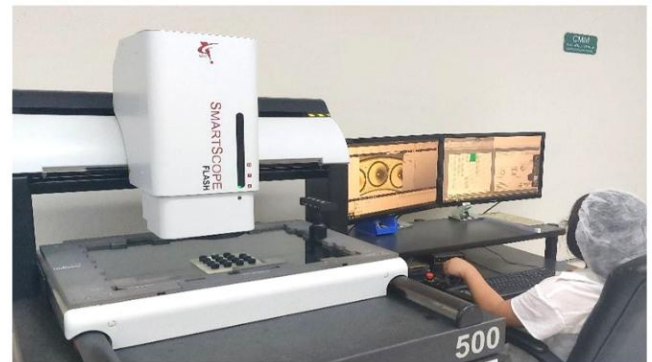


Certified

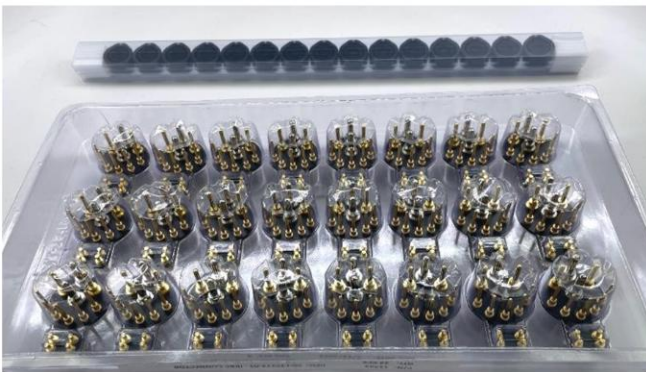
X-Ray Fluorescence Measurement



Touch Probe Measurement



Custom Packaging



Part Cleanliness Tester



Automated Manufacturing & Machining

Growth oriented companies have found employing Onanon to source, fabricate and inventory product to be the fastest, most cost-effective way to bring products to the market.



Onanon is a skilled team of knowledgeable engineers, product managers and trained technicians that continuously seek ways to lower final product cost while raising quality.



Expertly Engineered End-to-End Solutions



Vertically Driven In-House Capabilities

Using fully automated manufacturing equipment, Onanon has been writing protocols and developing procedures to match the specifications of the most demanding customers worldwide since 1979.



Onanon's engineering is here to help.

Our goal is to work closely with the customer to efficiently develop products together that are both high quality, cost effective and designed for manufacturing.

Once we understand the application, we can incorporate processes that we have developed in the manufacturing of millions of connectors.

DESIGN FOR MANUFACTURING

We understand that engineering is a continuous innovation to build a better product. Rapid prototyping is as important as volume production. Nothing beats having a prototype in your hands in days rather than months. It not only helps with "buy in" at the customer, but it also shapes our process for volume production. Our rapid robotic milling allows one or many to flow to you by scheduled delivery for just-in-time production.

COMPLIANT PIN TECHNOLOGY

Onanon's Compliant Pin Technology enables the integration of PCBAs directly onto connector substrates, allowing for terminal connections and the addition of components like resistors, op-amps, and microprocessors. This creates a flexible, application-specific solution that can serve the needs of multiple devices. By embedding components at the board level, Onanon simplifies design while enhancing performance, offering custom solutions with faster turnaround and lower overall cost.

RAPID WIRE TERMINATION TECH

Our solder ball rapid wire termination technology not only insures well-fit quick connections, but it also insures connections with low inductance, capacitance and resistance.

HIGH QUALITY/COST EFFECTIVE

We understand that modern electronics requires high tolerance, strong, light, rugged connectors that are often required to pass wide band signals without distortion. This is what we make

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MagConnect® | Rho - Magnetic

- Magnetic latching connector with elliptical keying
- Populates **up to 16 pins**; 3A current; 1kVAC & 1.5kVAC operating voltage; 2 lbf Min
- Designed for modular reusable and disposable systems
- Circuitry with components are easily added via PCBA platform
- Reusable and disposable options with ETO, Gamma, and autoclave safe materials



MagConnect® | Echo - Magnetic

- Compact magnetic latching connector for high-cycle use
- Populates **up to 20 pins**; 3A current; 1kVAC & 1.5kVDC operating voltage; 3.5 lbf Min
- Designed for surgical, diagnostic, and therapeutic disposable devices
- Circuitry with components are easily added to this connector
- Panel mount or in-line cable configurations; reusable and disposable options with ETO, Gamma, and autoclave safe materials
- Female pins located on panel mount receptacle



MagConnect® | Hero - Magnetic

- Self-mating magnetic latching connector for critical care systems
- Populates **2–20 pins**; 3A current; 1kVAC and 1.5kVDC operating voltage; 3.5 lbf Min
- Used in reusable high-performance medical environments
- Supports EEPROMs, resistors, and capacitors
- Built with chemical-resistant materials; ETO, Gamma, and autoclave safe
- Female pins located on plug



MagConnect® | High Voltage - Magnetic

- Magnetic latching connector for high-voltage, rugged environments
- Hybrid **11-pin system**: 5 HV (4.5kV) and 6 LV (2kVDC); 3.3 lbf Min
- Ideal for surgical, diagnostic, aerospace, and industrial tools
- Supports circuit integration with intelligent electronics
- Panel mount or in-line cable formats; reusable and disposable with ETO, Gamma, and autoclave safe materials



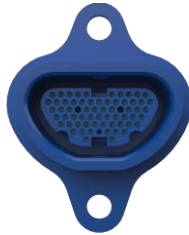
FiberPlus™

- Self-mating, magnetic latching connector used in medical applications
- Hybrid system with up to **8 electrical contacts** and **2 fiber optic connections**
- Option to incorporate circuitry with components into connector
- Designed using chemical-resistant materials; ETO and autoclave safe



MedLock® | Ultra – High Density

- Ultra high-density connector for large power and bandwidth needs
- Populates **up to 146 pins**; rated to 5 amps & 10Ghrz
- Suitable for a wide range of medical device applications
- Circuitry with components are easily added to this connector
- Reusable and disposable options with ETO, Gamma, and autoclave safe materials



Medlock® | HD – High Density

- Snap latch connector with elliptical keying for surgical tools
- Populates **up to 62 pins**; rated to 3A; 600 VDC & 500 VAC operating voltage
- Designed for surgical and high-density medical applications
- Circuitry with components are easily added to this connector
- Reusable and disposable options with ETO, Gamma, and autoclave safe materials



Apollo® - Latching

- Compact snap latch connector with elliptical keying
- Populates **up to 34 pins**; rated to 5 amps & 10Ghrz
- Ideal for surgical and reusable medical devices
- Circuitry with components are easily added to this connector
- Reusable and disposable options with ETO, Gamma, and autoclave safe materials



Pluto® – Friction Fit

- Small footprint push-pull connector with elliptical keying
- Populates **up to 14 pins**; rated at 5 amps & 10Ghrz
- Suited for compact medical tools and portable devices
- Circuitry with components are easily added to this connector
- Reusable and disposable options with ETO, Gamma, and autoclave safe materials



Neutrino® - Friction Fit

- Microscale push-pull connector for limited-space applications
- Populates **up to 10 pins**; rated to 3A; 600MΩ @ 800 VDC & 10MΩ @ 400 VAC operating voltage
- Perfect for compact and lightweight medical systems
- Circuitry with components are easily added to this connector
- Reusable and disposable options with ETO, Gamma, and autoclave safe materials



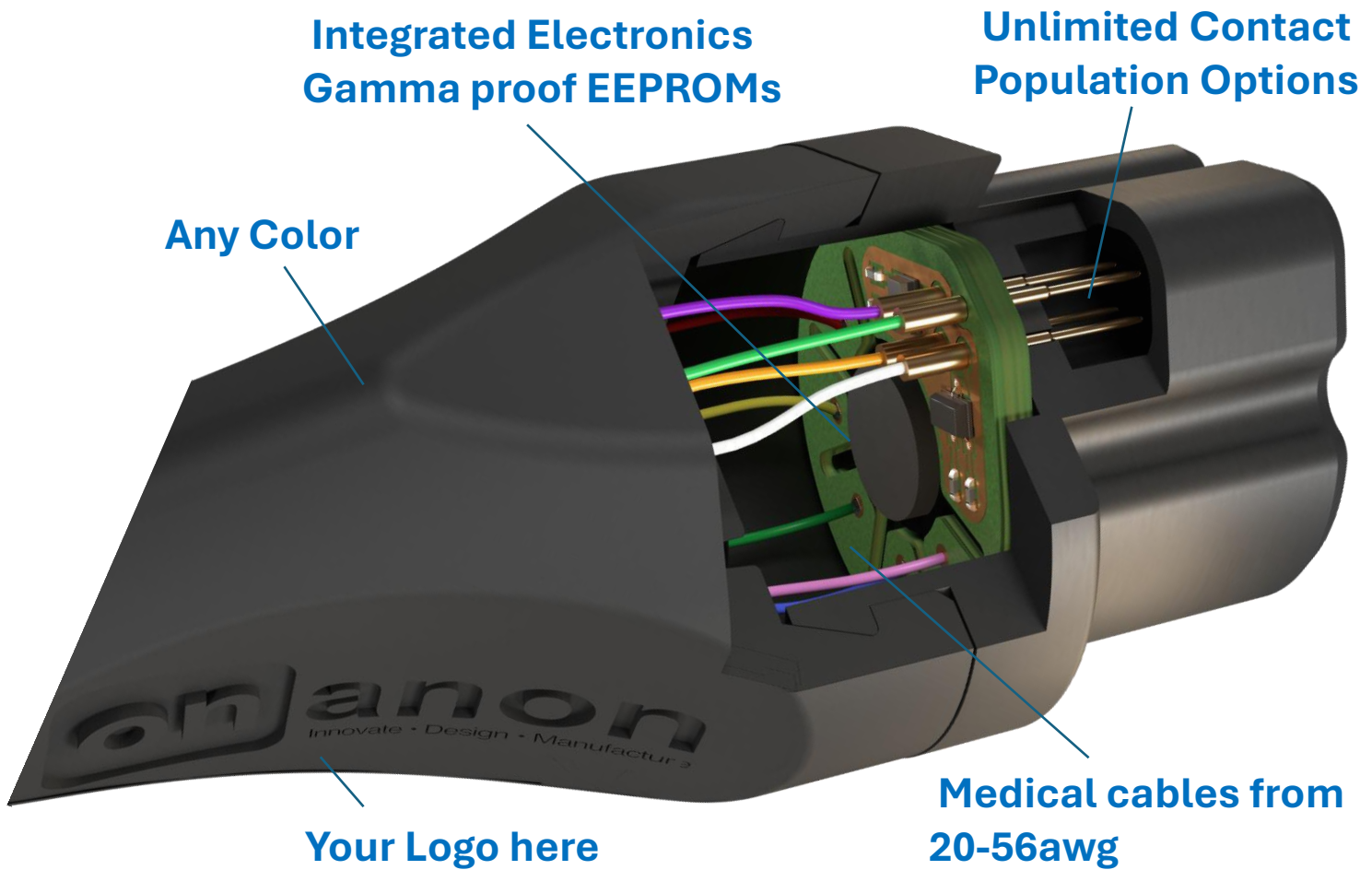
Redi-Mate™ | M Series

- Rugged metal push-pull connector for reusable applications
- Pin count customizable; compatible with circular industry connectors
- Ideal for surgical tools, neuromodulation, and diagnostics
- Secure locking mechanism for reliable connectivity
- Built from sterilizable, durable materials for hospital-grade use



Redi-Mate™ | P Series

- Lightweight plastic push-pull connector for cost-effective applications
- Pin count customizable; built for single-use or semi-disposable designs
- Ideal for imaging, handheld clinical tools, and electrophysiology
- Secure locking mechanism for reliable connectivity
- Compatible with standard connectors and sterilization protocols



Our decades of success stories for OEM's allows those who break free from the "wimpy" to prosper with our lower costs solutions. Solutions that are scalable to the OEM's growing electronic device demands. Getting their product to market faster, all with the added benefits of increasing the end users experience. Our turnkey solutions puts OEM's lightyears ahead of their competition.

We understand not all OEM's like to lead their industry, and are happy with the expensive "wimpy" but the market leaders, come to Onanon for their muscles!

Onanon invented and patented RoboSolder® technology

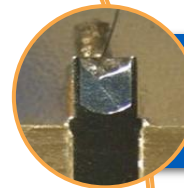
Robotically terminates down to 56awg fine wires to IPC Class III

Onanon is the industry leader in terminating wire and cables

"Removing the human variable"



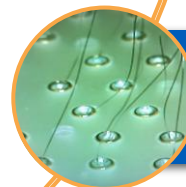
Solder and Heating Process 100% automated



Accurate and repeatable IPC Class III Standards



Programmable to configure around different Pinouts



Terminate 20 to 56 AWG Wires

What makes MagConnect® unique?



Onanon's MagConnect® is the most intuitive interconnect in the world with magnetic, self-mating features. It's popular in the medical industry, making the lives of physicians easier and safer to prevent accidents during various medical procedures.

Across medical, industrial, and military spaces, MagConnect® is incredibly easy to use, due to its simple elliptical shape and its ability to magnetically plug itself in. Unlike many basic connectors which can be awkward and cumbersome to plug in, MagConnect® does not require precise key alignment or any force to connect. Simply get the connector close enough and it will plug itself in.

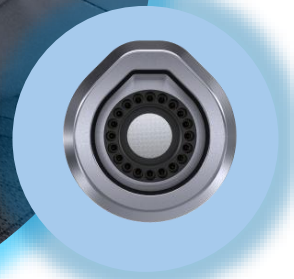
Industries Served

Medical Equipment

MagConnect® is popular in the medical industry and is often used with surgical equipment in situations where intuitive quick connection and quick disconnection must occur. The retention force can be modified to ensure patient safety across a variety of procedures.

Common Use Cases

- Bronchoscopy
- Ultrasound Devices
- RF Ablation Procedures
- Electrosurgical



MagConnect®

Case Studies

“FDA preferred a magnetic safety latch versus a locking connector” – Director of Engineering at Medical Device OEM

Military Equipment

MagConnect® is popular in the military space, due to its reliability and dependability. It is frequently used in a variety of wearable applications.

Common Use Cases

- Wearable Intelligence Equipment
- Communications Equipment
- Missile Launch Applications



Industrial Equipment

MagConnect® is often found in a variety of other industrial applications. It is the perfect solution for field technicians when using equipment with hard-to-reach areas.

Common Use Cases

- Power Transmission
- Autonomous Mobile Robots
- Automation Equipment
- E-Bikes & E-Scooters



High Voltage Intravascular Lithotripsy
Magconnect® was also the perfect solution for high voltage Intravascular Lithotripsy for Vascular Calcium. The OEM commented that once Magconnect® was seamlessly integrated into their device that it was predictably safe, distinctively intuitive, and consistently effective.

Laryngoscope

Onanon was approached by a top medical video laryngoscope manufacturer in need of a creative solution for its laryngoscope connectors. Previously, they had been using HDMI connectors for this equipment, HDMI's inability to plug and unplug with ease were causing injuries to patients during procedures..

What makes SmartConnect® unique?

Onanon's SmartConnect® is an application specific interconnect allowing for digital scalability at the connector and cable level. SmartConnect® utilizes a PCBA within the connector, with electronic components, allowing for one connector to differentiate between multiple different devices.

SmartConnect® allows for a clean and simple solution by having components such as EEPROM's microprocessors, resistors, and capacitors integrated directly into the connector. Customers who cannot easily find a solution for their specific application partner with Onanon as an extension of their own team to design and build a custom SmartConnect® solution from scratch, at a fraction of the time and cost.

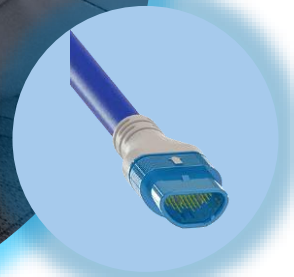
Industries Served

Medical Equipment

SmartConnect® is popular in the medical industry, often used in applications which require unique device identifiers, use-limiters, personality resistors, EEPROM's and other products using the same connector platform while performing multiple tasks.

Common Use Cases

- Capacitance Clock Speed
- Disposable Use Limiting
- Diagnostic Data
- Traceability



SmartConnect®

Case Studies

Onanon was approached by a top medical device OEM that sells over 100 variations of electrosurgical devices.

Military Equipment

SmartConnect® is used in a variety of military applications, often integrated into wearables to add intelligence within the interconnects.

Common Use Cases

Communication Devices
Field Failure Diagnostics
Wearables



Agricultural Equipment

SmartConnect® can be found in the agricultural industry in an assortment of smart electromechanical agricultural equipment.

Common Use Cases

IP Rated Cables for Tractor
Sprayers
Headers with Built-in
Capacitance
Wire Harnesses



After speaking with them and learning about their product requirements, we set out to design a SmartConnect® that would work with all of these product variations with one connector with built in electronics.

We created a universal SmartConnect® that had integrated device recognition. As soon as the device is plugged in, the equipment recognizes the device and immediately turns on all the correct settings. In addition to improving ease of use and convenience, this also eliminated any human error associated with altering settings on a device before a procedure.



What makes BoardConnect® unique?

Onanon's BoardConnect® represents Onanon's robust capabilities when it comes to designing customizable board to board connectors for a variety of applications.

BoardConnect® is not a one-size-fits-all solution, but a custom solution tailor-made for your application. It can be assembled as a board-to-board connector or as a cable assembly with a connector on it to connect it to a circuit board.

Industries Served

Medical Equipment

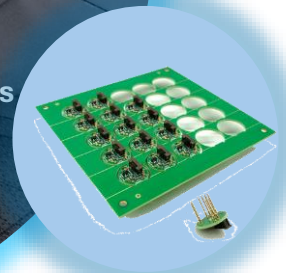
BoardConnect® is popular in the medical industry, often used for integrating off the shelf connectors into application specific assemblies.

Common Use Cases

Med Device Interconnect Adaptors

Next Gen Device Upgrades

Catheters





BoardConnect® Case Studies

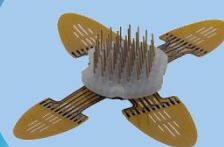
BoardConnect® can be designed for a variety of applications.

Military Equipment

BoardConnect® is often found in many applications in the military space, due to its reliability and dependability. It is frequently used in a variety of applications.

Common Use Cases

Board Connect with Flex
High Density

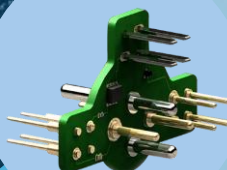


Agricultural Equipment

BoardConnect® is frequently found in the agricultural space, used in smart tractors and other intelligent harvesting equipment.

Common Use Cases

Right Angle PCB Connectors
Bladed Headers



One customer, a top military interconnect manufacturer, came to us in a dire situation which was costing their end customer over \$10,000 a day. They needed a custom board to board connector and provided us with a rough concept of what they needed.

Our engineering team was able to provide a drawing complete with tolerancing, DFM suggestions, and a cost competitive quote that same day. We manufactured their custom board solution and had it shipped within 4 days, a quick turnaround time when compared to the industry average of 4-6 weeks. In the process, we ended up saving them nearly \$100,000.

What makes CableConnect® unique?

Onanon's CableConnect® is another example of Onanon's creativity, ingenuity, and flexibility when it comes to designing custom cable assembly solutions for our customers. Decades of experience in the medical, industrial, military markets with fine wire (30-50 awg), high conductor count, micro-coax, high impedance, high voltage and silicone requirements together with a deep understanding of cable design engineering, have given us the ability to design cable assemblies that optimize function, performance, value, and appearance.

Industries Served

Medical Equipment

CableConnect® is frequently used in medical applications due to our ability to deliver exactly what you need in your cable assembly to meet your product requirements.

Common Use Cases

Autoclave Silicon Cables

Overmold OR Cables

Single Use Cables

Catheters



CableConnect®

Case Studies

A top medical robotics company needed a cable assembly that would fit into a very tight space within the cartridge of a disposable robotic arm.

Military Equipment

CableConnect® is a trusted tool of the military, and is frequently found in a variety of applications, such as custom self-mating and decoupling cables on wearable equipment.

Common Use Cases

Self-Mating Cables on Wearables

Self-Cleaning Interconnects



Agricultural Equipment

Onanon's CableConnect® has revolutionized the agriculture industry helping steward the industries evolution from mechanical to electromechanical and electrification, in the harsh environment that is the agricultural industry.

Common Use Cases

Intelligent Harvesters/Combines

Hi-tech Sprayer Systems

Wire Harnesses

Turf Equipment



Additionally, it needed to be hermetically sealed so that no gas, air, or other substances would leak in and compromise the integrity of the assembly. The sensor inside needed to be able to work under harsh conditions, including high temperatures, humidity, vibration, and exposure to chemicals.

This assembly would be used in robotic surgery equipment, so it was critical that it would be able to withstand these conditions. This medical robotics company was unable to find this specific solution anywhere else, so they approached Onanon to help design it from scratch.

What makes CustomConnect® unique?

Onanon's CustomConnect® represents Onanon's broad and flexible capabilities when it comes to producing custom interconnect solutions. CustomConnect® is not a one-size-fits-all solution, but a customizable interconnect made specifically for your application. Onanon's representatives will talk to you, figure out exactly what you need, take your specifications and product requirements, and bring them to life. Our vast expertise in electromechanical interconnect allows us to design interconnects that optimize function, value, and appearance.

Industries Served

Medical Equipment

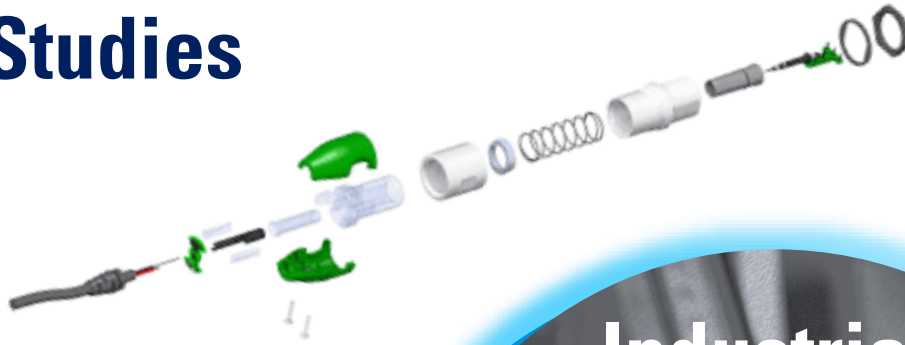
CustomConnect® is used in a variety of applications in the medical market. Custom solutions are often needed when there are no readily available interconnects on the market that meet a customer's requirements.

Common Use Cases

- High Voltage Heart Catheters
- Electrosurgical Procedures
- Neuromodulation Devices
- Heart Pumps



Case Studies



The Problem

The existing design relied on non-value added manual gluing, crimping, taping, and overall poor design for manufacturability, adding cost, quality issues and reliability issues in the field. Surgeons were also experiencing fatigue during this time-consuming operation which requires precision and dexterity from the surgeon. The instruments were causing unneeded strain, discomfort and fatigue in the surgeon's hands. Surgeons had to use foot pedals in conjunction with the instruments to complete procedures. This led the OEM to approach Onanon for help to make their product and reliable at a disposable cost point.

Our Solution

Onanon designed a CustomConnect® solution which removed all manual gluing, taping and crimping operations to name a few. The new design allowed it to be a plug and play device eliminating all scrap throughout the supply chain. Onanon redesigned the device to be more user friendly, improving the tactile feel, grip and button performance so that surgeons could more easily perform the operation without any of the strain, discomfort, or fatigue experienced previously. This also eliminated the need to use the additional foot pedal during procedures. All in all, Onanon's CustomConnect® solution led to a better product, which meant that surgeons were able to perform operations with more safety, efficiency and reliability.

Industrial Equipment

Onanon can integrate proven electromechanical methodologies to create the perfect custom solution for industrial applications to match the rapidly changing needs of the fast-paced industry moving from mechanical to electromechanical.

Common Use Cases

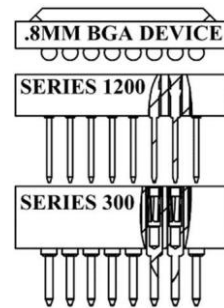
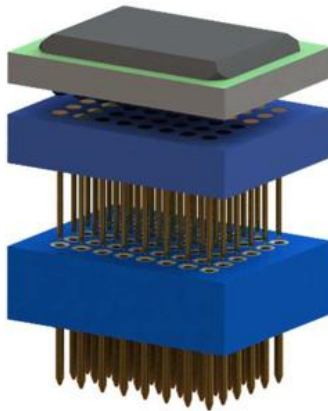
Aerospace

Agriculture

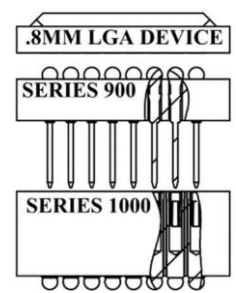
Robotics

Lidar





THRU HOLE



SURFACE MOUNT

PERFORMANCE AND MATERIALS SPECIFICATIONS

Thermal Performance [FR-4 Standard]:

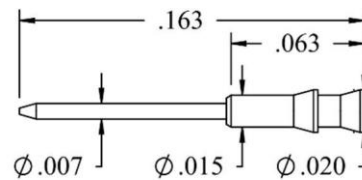
Operating Temperature Range:	-55° to 140°C
Glass Transition Temperature Range:	150° to 200°C
Resistance to Soldering Heat:	10 seconds @ 288°C
Flammability Rating [UL-94]:	UL94V-0
IEC Climatic Category:	55/125/21

Electrical Performance: Tests IAW MIL-STD-202 or 1344 Methods:

Maximum Voltage:	75 VAC / 100 VDC
Maximum Current:	1 Amperes per contact
Contact Resistance: Dry Circuit:	.01 Ω Max. @ .1 Amps/5 VDC
Insulation Resistance, @ 500 VDC	10,000 MegOhms Min.
Dielectric Withstanding Voltage	500 VAC Min.
Capacitance:	1 pf [PicoFarads] Max.
Self Inductance	2 nH [NanoHenries] Max.

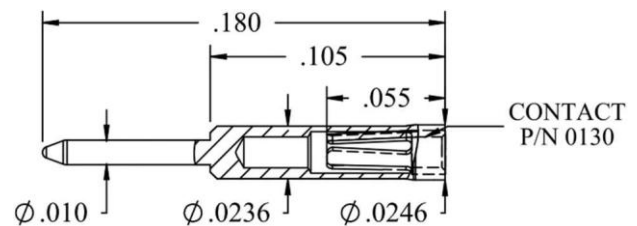
Contact Materials & Finishes [Other finishes available]:

Bodies:	Brass Alloy C36000 per ASTM-B16, ½ Hard Plated 10 μ in. Min. Gold over 100 μ in. Min. Nickel, [or] 100 μ in. Min. Tin Over 100 μ in. Min. Nickel
Contacts:	Beryllium Copper Alloy C17200 per ASTM-B194 Plated 10 μ in. Min. Gold over 50 μ in. Min. Nickel
Solder Balls:	Eutectic, Sn 96.5/Ag 3.0/Cu .5 Solder, ϕ .015 ~ ϕ .020 Melting Temperature 218.5° C [425.3°F]



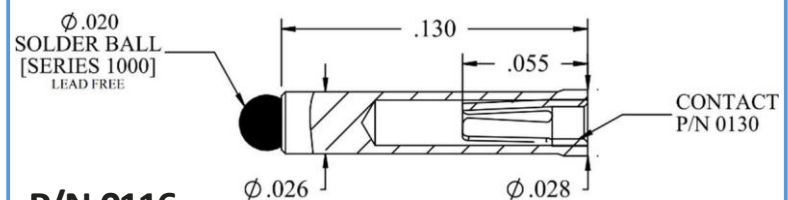
P/N 0108

ϕ .020 EUTECTIC
SOLDER BALL
[SERIES 900]
LEAD FREE



P/N 0114

CONTACT
P/N 0130



P/N 0116

CONTACT
P/N 0130

PART NUMBER: ORDERING INFORMATION

300

100

F

-

0104

10A3

PRODUCT CODE

300 = Socket Pin Grid Array [PGA]
900 = LGA Interposer [BPGA]
1000 = Socket, Ball Grid Array [SBGA]
1200 = Ball Grid Array Interposer [PBGA]

PIN COUNT



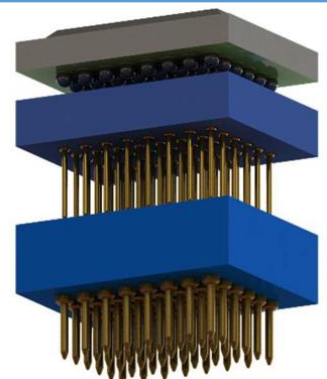
MATERIAL

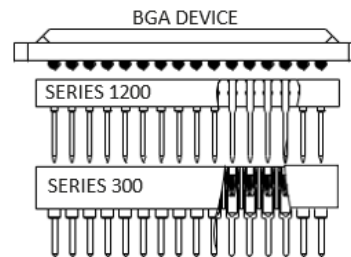
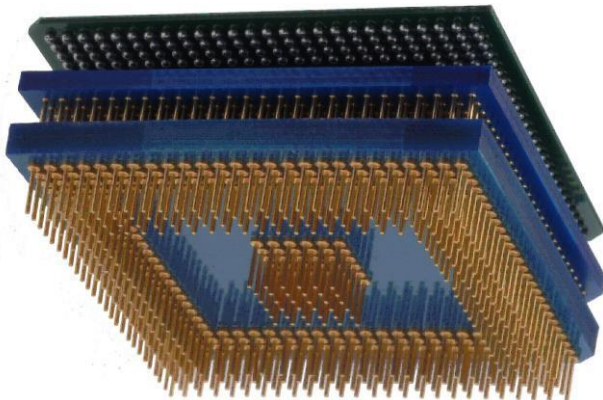
A = ACRYLIC
E = PEEK [POLYETHERETHERKETONE]
H = POLYIMIDE, [MIL-L-13949/10]
F = FR-4, [IPC 4101/24]
R = RYTON [POLYPHENYLENE SULFIDE]
U = G.E. ULTEM [POLYETHERIMIDE]

CONTACT P/N

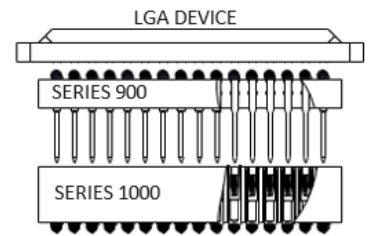
PATTERN CODE

OVER 25,000
PATTERNS
AVAILABLE





THRU HOLE



SURFACE MOUNT

PERFORMANCE AND MATERIALS SPECIFICATIONS

Thermal Performance [FR-4 Standard]:

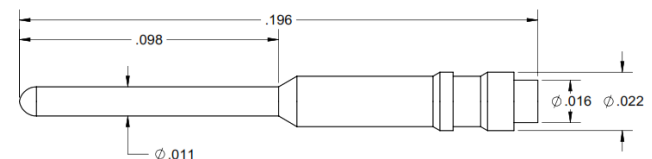
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Glass Transition Temperature Range:	150° to 200°C
Resistance to Soldering Heat:	10 seconds @ 288°C
Flammability Rating [UL-94]:	UL94V-0
IEC Climatic Category:	55/125/21

Electrical Performance: Tests IAW MIL-STD-202 or 1344 Methods:

Maximum Voltage:	75 VAC / 100 VDC
Maximum Current:	1 Amperes per contact
Contact Resistance: Dry Circuit:	.01 Ω Max. @ .1 Amps/5 VDC
Insulation Resistance, @ 500 VDC	10,000 M Ω Min.
Dielectric Withstanding Voltage	500 VAC Min.
Capacitance:	1 pf [PicoFarads] Max.
Self Inductance	2 nH [NanoHenries] Max.

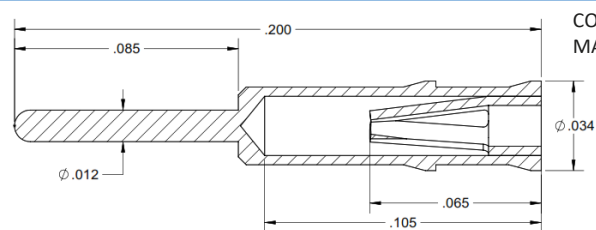
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Bodies:	Brass Alloy C36000 per ASTM-B16, ½ Hard Plated 10 μ in. Min. Gold over 100 μ in. Min. Nickel, [or] 100 μ in. Min. Tin Over 100 μ in. Min. Nickel
Contacts:	Beryllium Copper Alloy C17200 per ASTM-B194 Plated 10 μ in. Min. Gold over 50 μ in. Min. Nickel
Solder Balls:	Eutectic, Sn 96.5/Ag 3.0/Cu .5 Solder, ϕ .015 ~ ϕ .020 Melting Temperature 218.5° C [425.3°F]



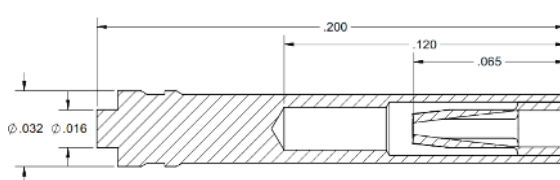
P/N 0556

ϕ 0.022" LEAD FREE
SOLDER BALL
(USED FOR SERIES 900)



P/N 0104

CONTACT PN: 0048
MATING PIN PN: 0556



P/N 0799

CONTACT PN: 0048
MATING PIN PN: 0556

ϕ 0.032" LEAD FREE
SOLDER BALL

PART NUMBER: ORDERING INFORMATION

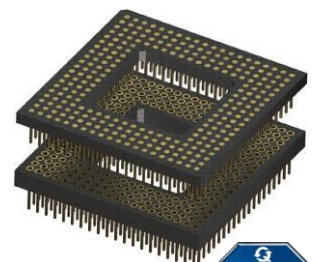
300 - **640** - **F** - **0556** - **11A4**
PRODUCT CODE PIN COUNT MATERIAL CONTACT P/N PATTERN CODE

300 = Socket Pin Grid Array [PGA]
900 = LGA Interposer [BPGA]
1000 = Socket, Ball Grid Array [SBGA]
1200 = Ball Grid Array Interposer [PBGA]

A = ACRYLIC
E = PEEK [POLYETHERETHERKETONE]
H = POLYMIDE, [MIL-L-13949/10]
F = FR-4, [IPC 4101/24]
R = RYTON [POLYPHENYLENE SULFIDE]
U = G.E. ULTEM [POLYETHERIMIDE]

OVER 25,000 PATTERNS
AVAILABLE

If unknown put XXXX
Factory will add pattern
code



SOCKET PINS



Socket pins are single components that have inner BeCu clip that feature multi-finger contact and are fastened to PCB by being press-fit or solder mount. It is primarily used for plugging and unplugging of components on PCB and can accommodate round, square, or rectangular leads.

PRINTED CIRCUIT PINS



Printed Circuit Pins are fastened to PCB by being press-fit or solder mount. These pins are used for numerous plug-in applications and PCB to PCB interconnection.

CONTACTS & CLIPS

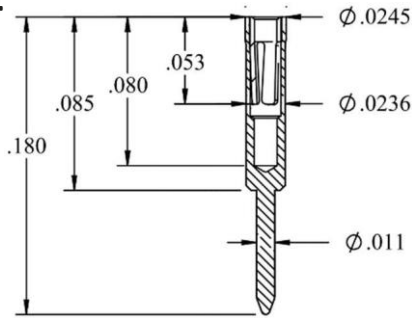


Contacts, also called clips, are round multi-finger components with spring properties which are primarily used for plugging and unplugging of components on PCB. Clips are able to accept a broad range of mating pin diameters from 0.007" to 0.102" and maintain retentions after multiple insertions.

Socket Pins, Printed Circuit Pins, and Contacts are electronic interconnect devices for printed circuit boards. These pins are made of metallic elements or alloys. Socket Pins and Printed Circuit Pins are mainly machined of Brass Alloy C36000 per ASTM-B16 and has a finish of either Gold over Nickel or Tin over Nickel. Contacts are made of BeCu (Beryllium Copper) Alloy C17200 per ASTM-B194 and has a finish of either Gold over Nickel or Tin over Nickel.

SOCKET PINS FOR Ø0.006 ~ Ø0.011 PINS

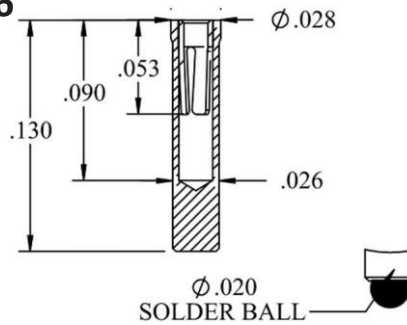
0114



PLATING: Au/Ni
SHELL: BeCu
CONTACT: Au/Ni

CONTACT P/N: 0130
MATING PIN:
Ø.006 - Ø.011 [Ø.15 - Ø.28]

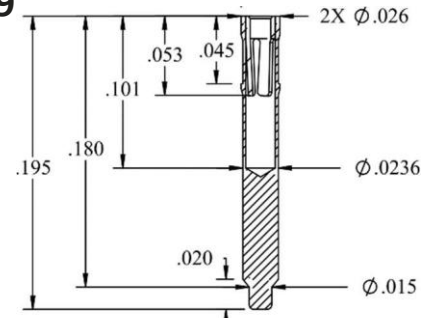
0116



PLATING: Au/Ni
SHELL: BeCu
CONTACT: Au/Ni

CONTACT P/N: 0130
MATING PIN:
Ø.006 - Ø.011 [Ø.15 - Ø.28]

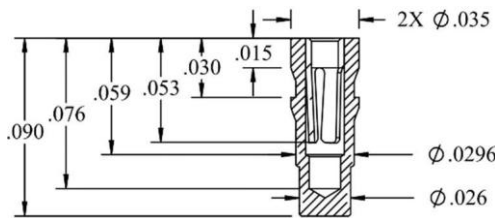
0169



PLATING: Au/Ni
SHELL: BeCu
CONTACT: Au/Ni

CONTACT P/N: 0130
MATING PIN:
Ø.006 - Ø.011 [Ø.15 - Ø.28]

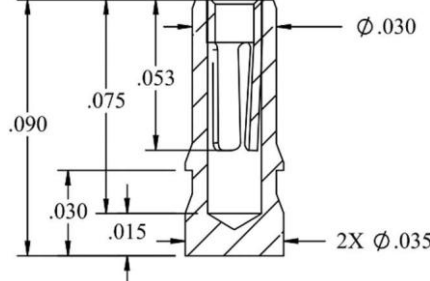
0205



PLATING: Au/Ni
SHELL: BeCu
CONTACT: Au/Ni

CONTACT P/N: 0130
MATING PIN:
Ø.006 - Ø.011 [Ø.15 - Ø.28]

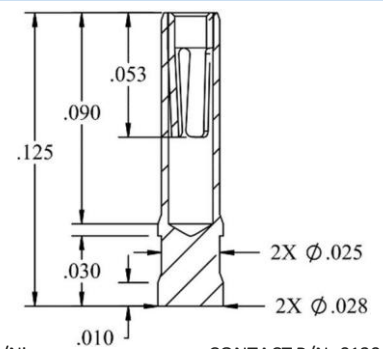
0339



PLATING: Au/Ni
SHELL: BeCu
CONTACT: Au/Ni

CONTACT P/N: 0311
MATING PIN:
Ø.006 - Ø.011 [Ø.15 - Ø.28]

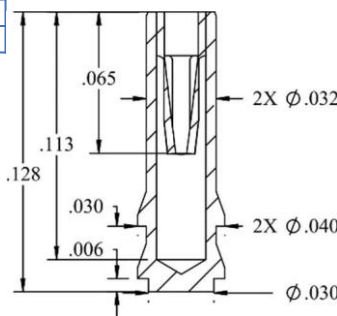
0355



PLATING: Au/Ni
SHELL: BeCu
CONTACT: Au/Ni

CONTACT P/N: 0130
MATING PIN:
Ø.006 - Ø.011 [Ø.15 - Ø.28]

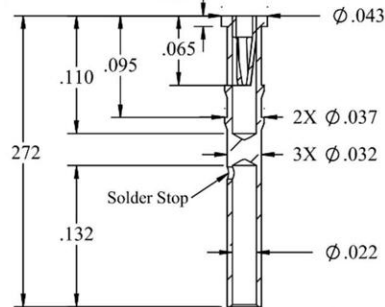
PART NO	FINISH
0130	Au/Ni
0311	Sn/Ni



PLATING: See Table
SHELL: See Table
CONTACT: Au/Ni

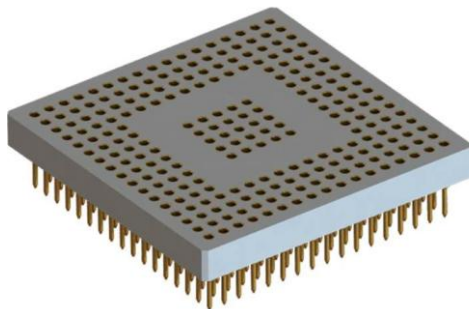
CONTACT P/N: 0048
MATING PIN:
Ø.007 - Ø.013 [Ø.15 - Ø.28]

0417



PLATING: Au/Ni
SHELL: BeCu
CONTACT: Au/Ni

CONTACT P/N: 0048
MATING PIN:
Ø.007 - Ø.013 [Ø.15 - Ø.28]



NOTES: UNLESS OTHERWISE SPECIFIED

SHELL / BODIES

MATERIAL \ FINISH

BRASS ALLOY C36000 per ASTM-B16, Half Hard
plated Gold per MIL-G-45204 Type 2, Grade C,
10µ In. Min. over Nickel, 100µ In. Min. per QQ-
N-290 Class 4. Or Tin per MIL-T-10727 Type I,
200µ In. Min. over Nickel 100µ In. Min.

DIMENSIONS ARE IN INCHES

DIMENSIONAL TOLERANCES:

LENGTHS DIAMETERS ANGLES
±.005 ±.002 ±2°

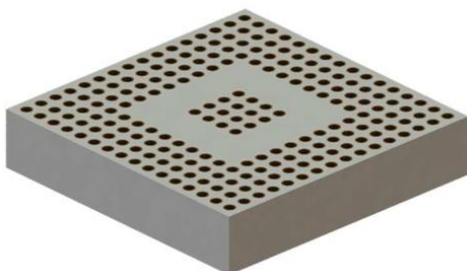
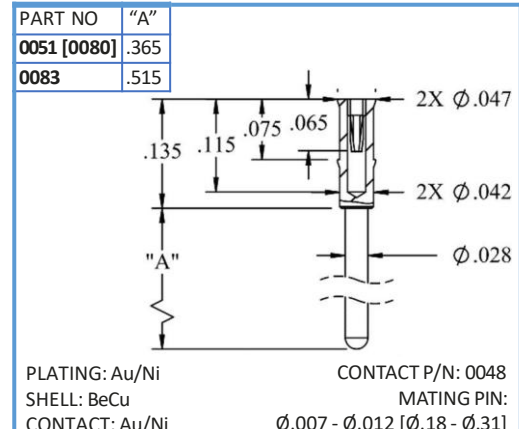
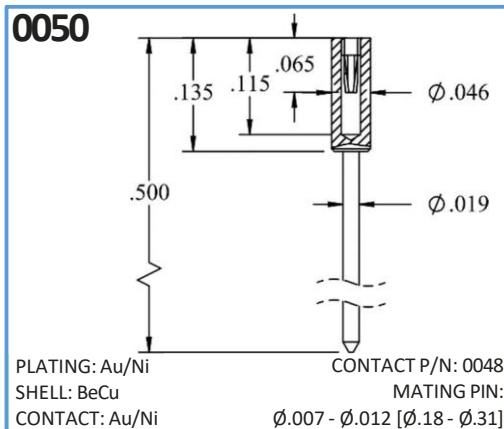
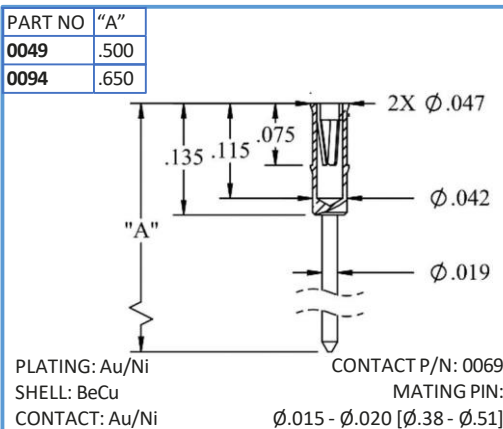
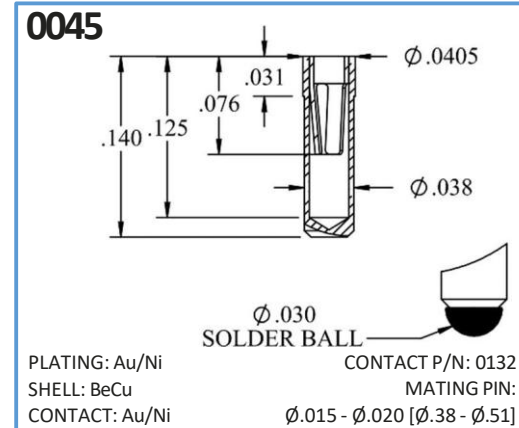
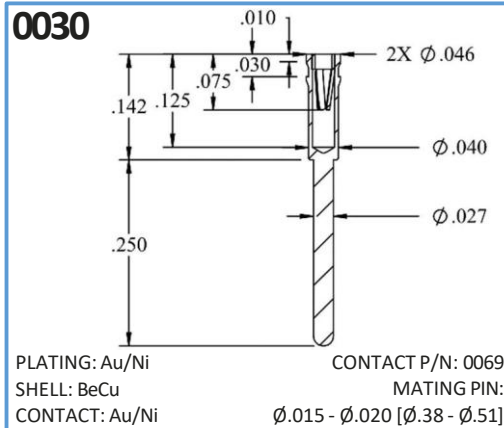
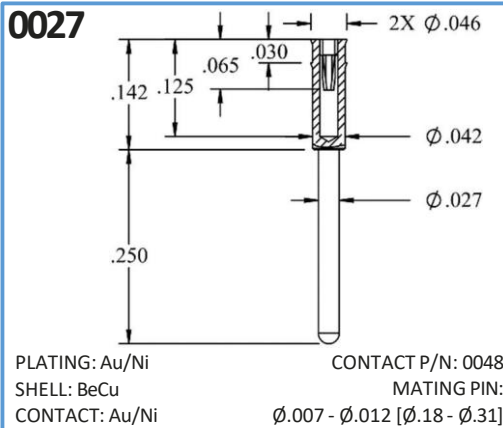
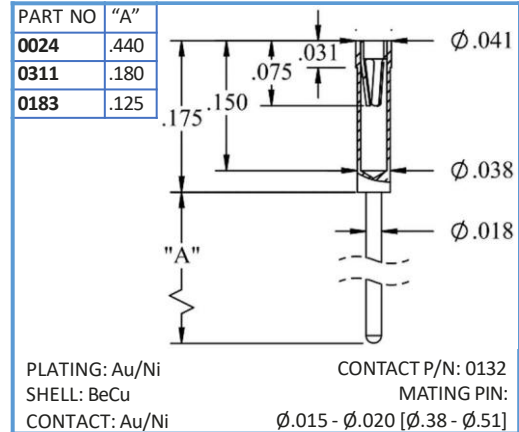
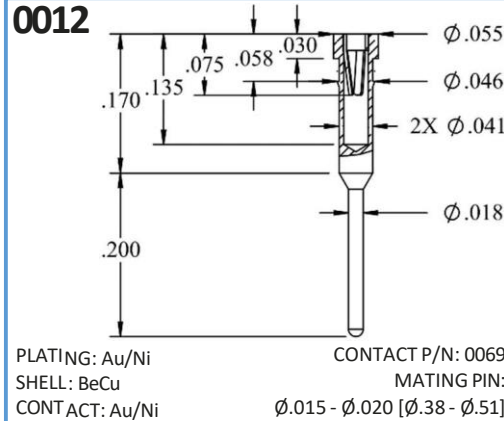
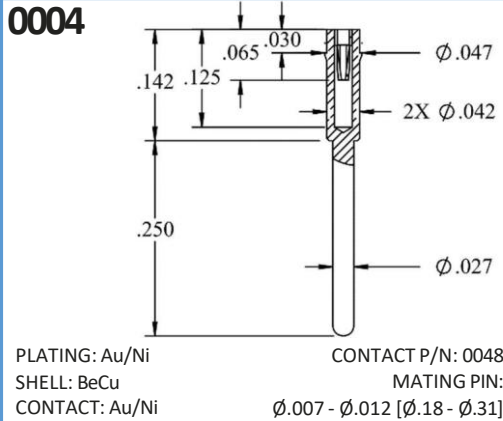
DRAWINGS NOT TO SCALE

CONTACTS

MATERIAL \ FINISH

Beryllium Copper, Alloy C17200 per ASTM-B194,
heat treated, plated Gold per MIL-G-45204 Type
2, Grade C, Class 0, 30µ In. Min. or Class 00,
10µ In. Min., over Nickel per QQ-N-290 Class 4,
50µ In. Min. Or; Tin per MIL-T-10727 Type I,
200µ In. Min over Nickel, 50µ In. Min.

SOCKET PINS FOR Ø0.007 ~ Ø0.020 PINS



NOTES: UNLESS OTHERWISE SPECIFIED

SHELL / BODIES

MATERIAL \ FINISH

BRASS ALLOY C36000 per ASTM-B16, Half Hard
plated Gold per MIL-G-45204 Type 2, Grade C,
10µ In. Min. over Nickel, 100µ In. Min. per QQ-
N-290 Class 4. Or Tin per MIL-T-10727 Type I,
200µ In. Min. over Nickel 100µ In. Min.

DIMENSIONS ARE IN INCHES

DIMENSIONAL TOLERANCES:

LENGTHS DIAMETERS ANGLES
±.005 ±.002 ±2°

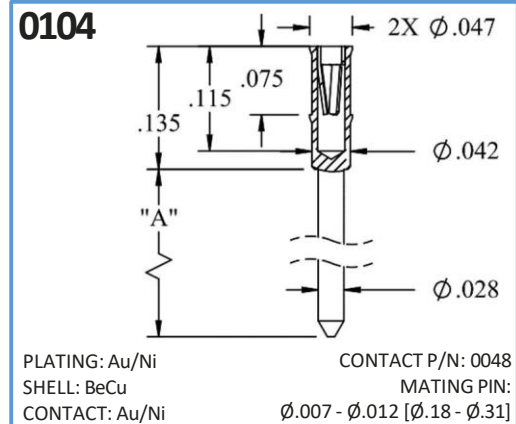
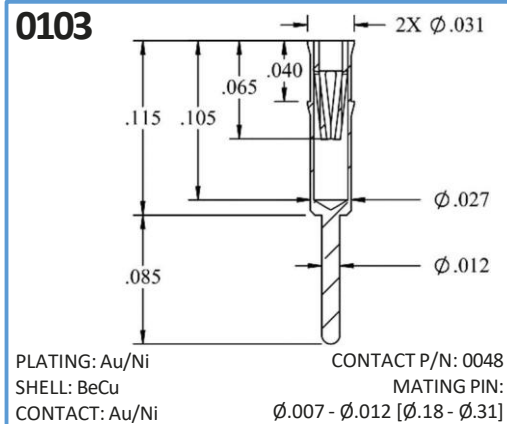
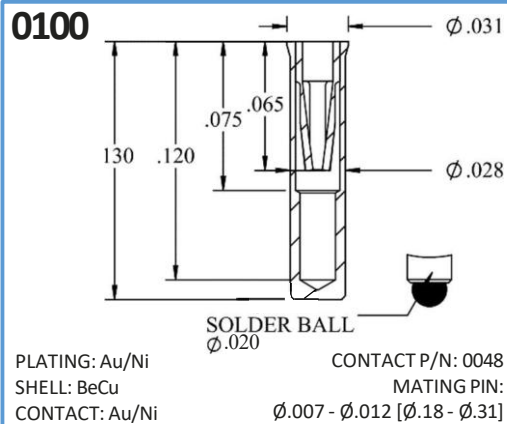
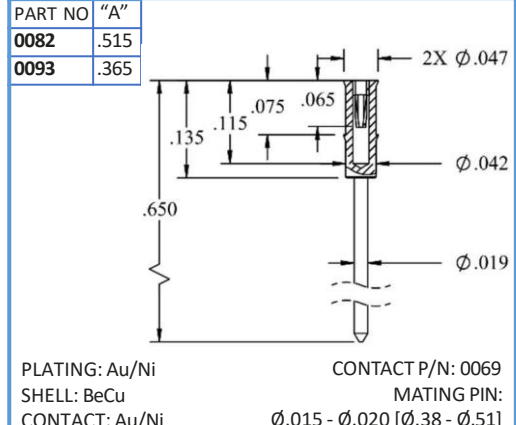
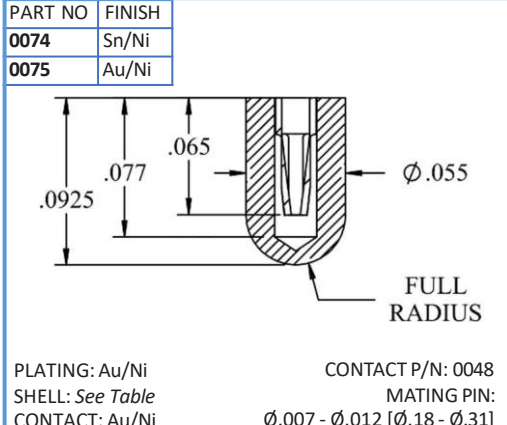
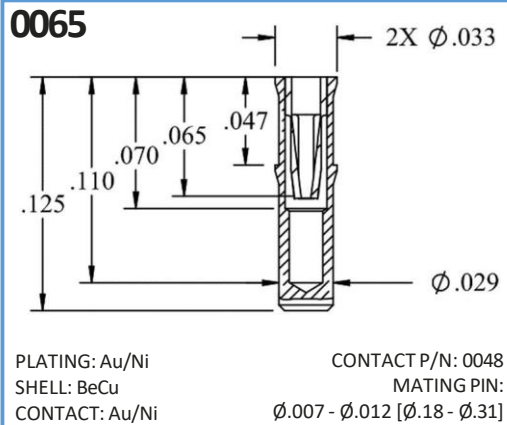
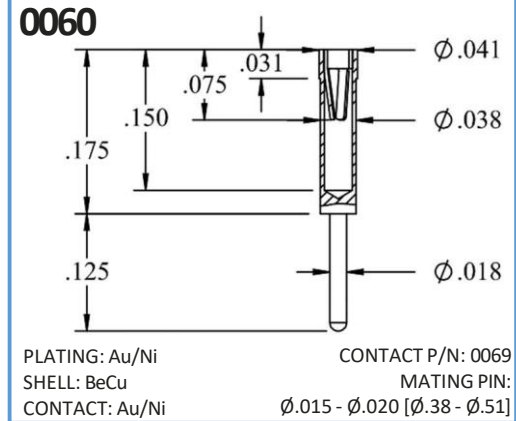
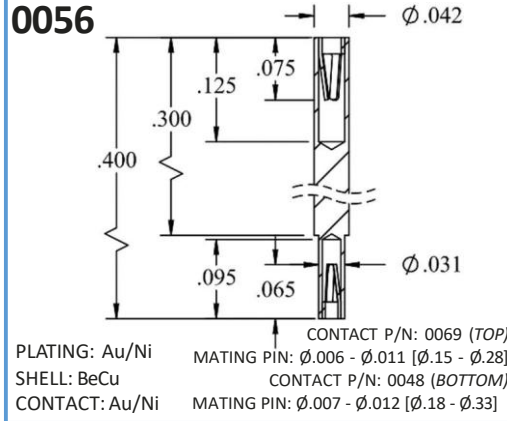
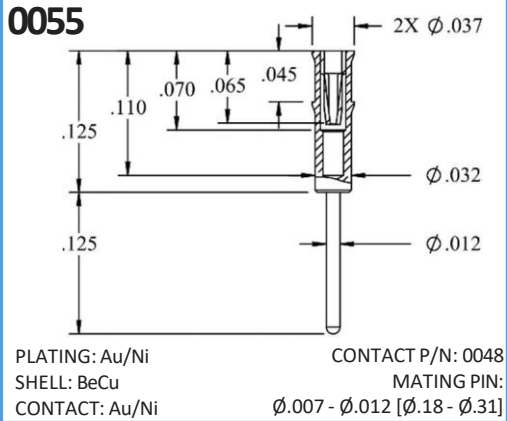
DRAWINGS NOT TO SCALE

CONTACTS

MATERIAL \ FINISH

Beryllium Copper, Alloy C17200 per ASTM-B194,
heat treated, plated Gold per MIL-G-45204 Type
2, Grade C, Class 0, 30µ In. Min. or Class 00,
10µ In. Min., over Nickel per QQ-N-290 Class 4,
50µ In. Min. Or; Tin per MIL-T-10727 Type I,
200µ In. Min over Nickel, 50µ In. Min.

SOCKET PINS FOR Ø0.007 ~ Ø0.020 PINS



NOTES: UNLESS OTHERWISE SPECIFIED

SHELL / BODIES

MATERIAL \ FINISH

BRASS ALLOY C36000 per ASTM-B16, Half Hard
plated Gold per MIL-G-45204 Type 2, Grade C,
10µ In. Min. over Nickel, 100µ In. Min. per QQ-
N-290 Class 4. Or Tin per MIL-T-10727 Type I,
200µ In. Min. over Nickel 100µ In. Min.

CONTACTS

MATERIAL \ FINISH

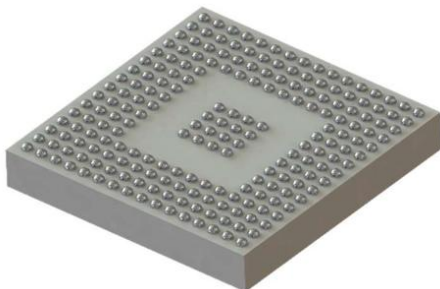
Beryllium Copper, Alloy C17200 per ASTM-B194,
heat treated, plated Gold per MIL-G-45204 Type
2, Grade C, Class 0, 30µ In. Min. or Class 00,
10µ In. Min., over Nickel per QQ-N-290 Class 4,
50µ In. Min. Or; Tin per MIL-T-10727 Type I,
200µ In. Min over Nickel, 50µ In. Min.

DIMENSIONS ARE IN INCHES

DIMENSIONAL TOLERANCES:

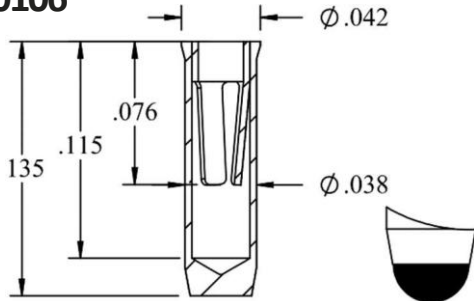
LENGTHS DIAMETERS ANGLES
±.005 ±.002 ±2°

DRAWINGS NOT TO SCALE



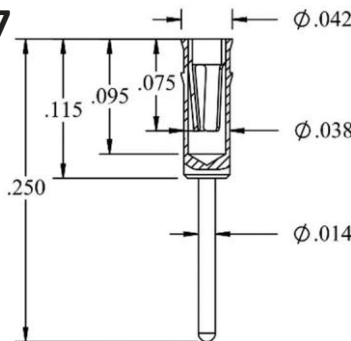
SOCKET PINS FOR Ø0.007 ~ Ø0.020 PINS

0106



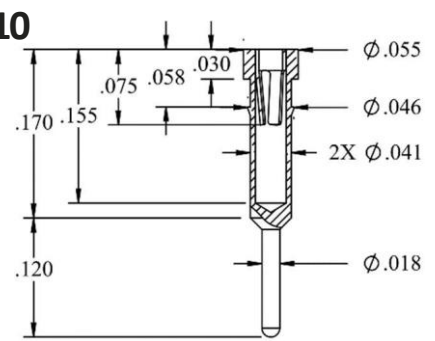
PLATING: Au/Ni CONTACT P/N: 0132
SHELL: BeCu MATING PIN:
CONTACT: Au/Ni Ø.015 - Ø.020 [Ø.38 - Ø.51]

0107



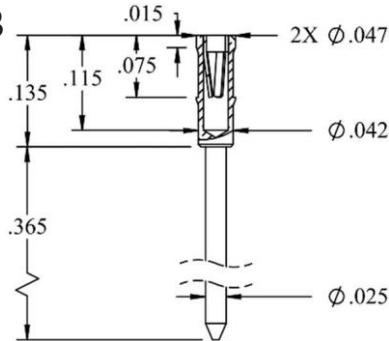
PLATING: Au/Ni CONTACT P/N: 0132
SHELL: BeCu MATING PIN:
CONTACT: Au/Ni Ø.015 - Ø.020 [Ø.38 - Ø.51]

0110



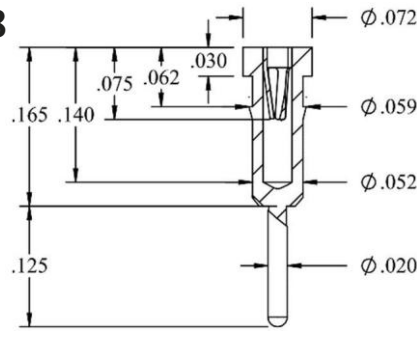
PLATING: Au/Ni CONTACT P/N: 0132
SHELL: BeCu MATING PIN:
CONTACT: Au/Ni Ø.015 - Ø.020 [Ø.38 - Ø.51]

0113



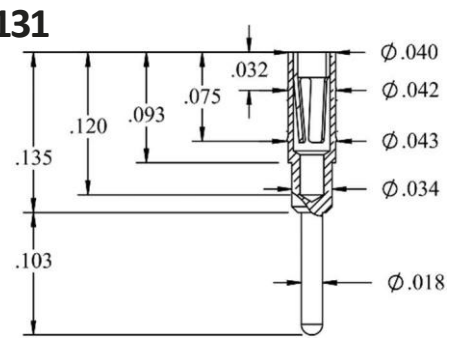
PLATING: Au/Ni CONTACT P/N: 0069
SHELL: BeCu MATING PIN:
CONTACT: Au/Ni Ø.015 - Ø.020 [Ø.38 - Ø.51]

0128



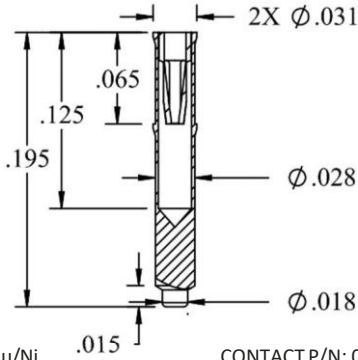
PLATING: Au/Ni CONTACT P/N: 0286
SHELL: BeCu MATING PIN:
CONTACT: Au/Ni Ø.015 - Ø.020 [Ø.38 - Ø.51]

0131



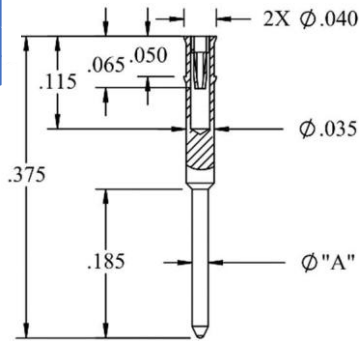
PLATING: Au/Ni CONTACT P/N: 0132
SHELL: BeCu MATING PIN:
CONTACT: Au/Ni Ø.015 - Ø.020 [Ø.38 - Ø.51]

0142



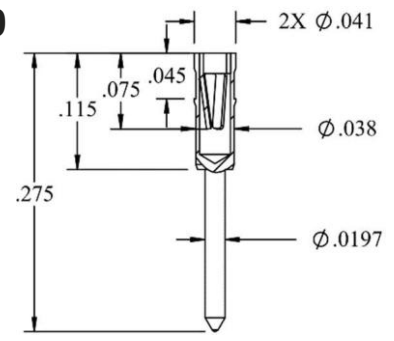
PLATING: Au/Ni CONTACT P/N: 0048
SHELL: BeCu MATING PIN:
CONTACT: Au/Ni Ø.007 - Ø.012 [Ø.18 - Ø.31]

PART NO	"A"
0161	.20
0176	.30



PLATING: Au/Ni CONTACT P/N: 0048
SHELL: BeCu MATING PIN:
CONTACT: Au/Ni Ø.007 - Ø.012 [Ø.18 - Ø.31]

0170



PLATING: Au/Ni CONTACT P/N: 0069
SHELL: BeCu MATING PIN:
CONTACT: Au/Ni Ø.015 - Ø.020 [Ø.38 - Ø.51]



NOTES: UNLESS OTHERWISE SPECIFIED

SHELL / BODIES

MATERIAL \ FINISH

BRASS ALLOY C36000 per ASTM-B16, Half Hard
plated Gold per MIL-G-45204 Type 2, Grade C,
10µ In. Min. over Nickel, 100µ In. Min. per QQ-
N-290 Class 4. Or Tin per MIL-T-10727 Type I,
200µ In. Min. over Nickel 100µ In. Min.

DIMENSIONS ARE IN INCHES

DIMENSIONAL TOLERANCES:

LENGTHS DIAMETERS ANGLES
±.005 ±.002 ±2°

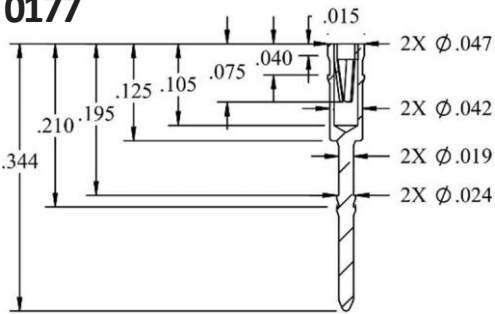
DRAWINGS NOT TO SCALE

CONTACTS

MATERIAL \ FINISH

Beryllium Copper, Alloy C17200 per ASTM-B194,
heat treated, plated Gold per MIL-G-45204 Type
2, Grade C, Class 0, 30µ In. Min. or Class 00,
10µ In. Min., over Nickel per QQ-N-290 Class 4,
50µ In. Min. Or; Tin per MIL-T-10727 Type I,
200µ In. Min over Nickel, 50µ In. Min.

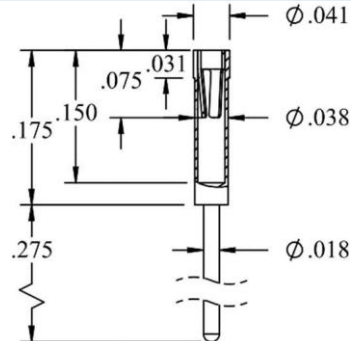
0177



PLATING: Au/Ni
SHELL: BeCu
CONTACT: Au/Ni

CONTACT P/N: 0069
MATING PIN:
Ø.007 - Ø.020 [Ø.38 - Ø.51]

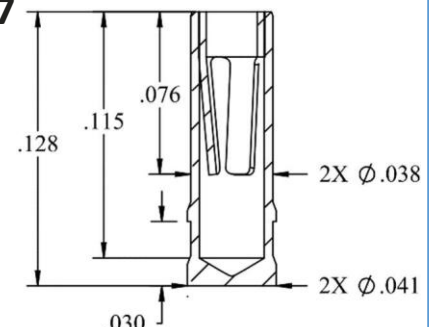
0191



PLATING: Au/Ni
SHELL: BeCu
CONTACT: Au/Ni

CONTACT P/N: 0132
MATING PIN:
Ø.015 - Ø.020 [Ø.38 - Ø.51]

0357



PLATING: Au/Ni
SHELL: BeCu
CONTACT: Au/Ni

CONTACT P/N: 0132
MATING PIN:
Ø.015 - Ø.020 [Ø.38 - Ø.51]

NOTES: UNLESS OTHERWISE SPECIFIED

SHELL / BODIES

MATERIAL \ FINISH

BRASS ALLOY C36000 per ASTM-B16, Half Hard
plated Gold per MIL-G-45204 Type 2, Grade C,
10µ In. Min. over Nickel, 100µ In. Min. per QQ-
N-290 Class 4. Or Tin per MIL-T-10727 Type I,
200µ In. Min. over Nickel 100µ In. Min.

CONTACTS

MATERIAL \ FINISH

Beryllium Copper, Alloy C17200 per ASTM-B194,
heat treated, plated Gold per MIL-G-45204 Type
2, Grade C, Class 0, 30µIn. Min. or Class 00,
10µIn. Min., over Nickel per QQ-N-290 Class 4,
50µIn. Min. Or; Tin per MIL-T-10727 Type I,
200µIn. Min over Nickel, 50µIn. Min.

DIMENSIONS ARE IN INCHES

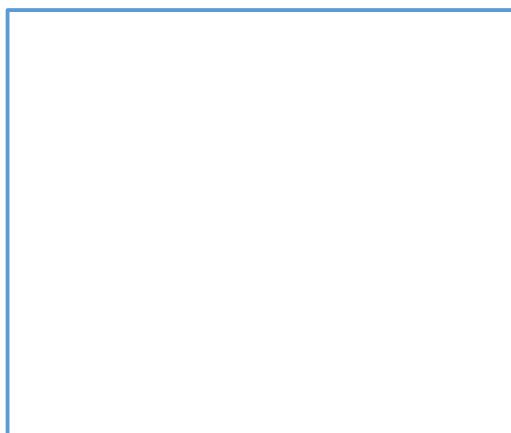
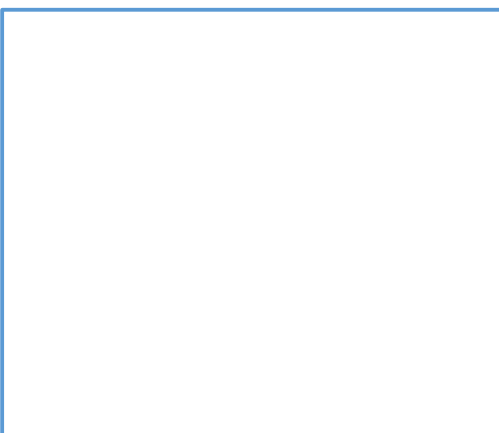
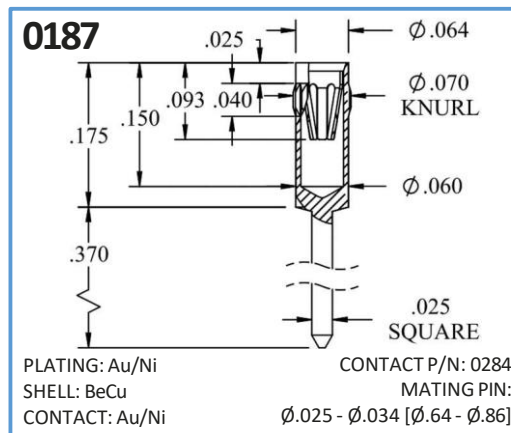
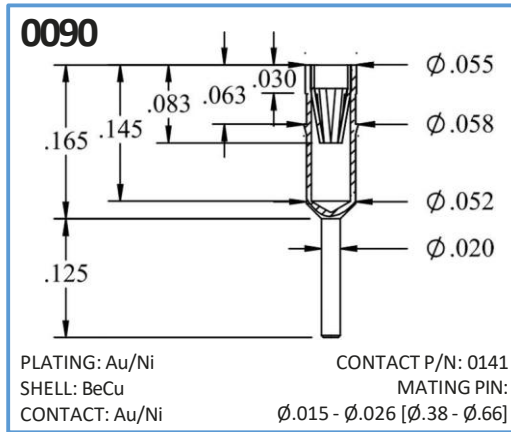
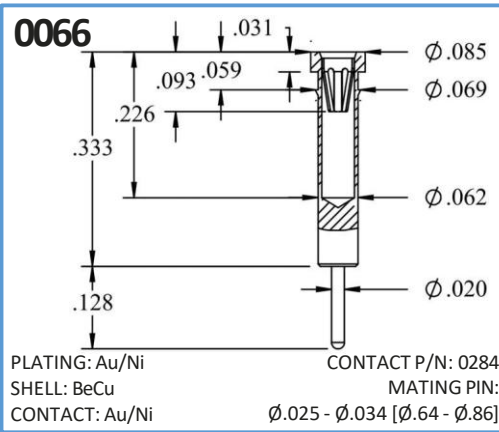
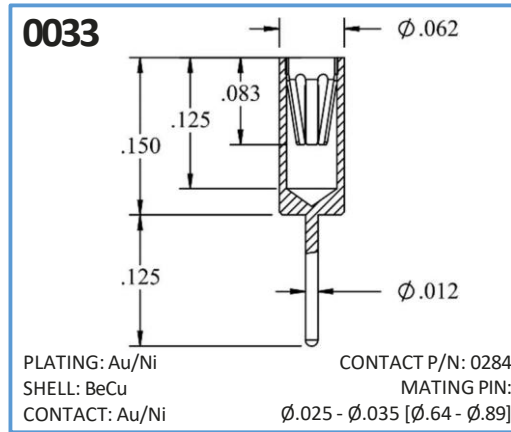
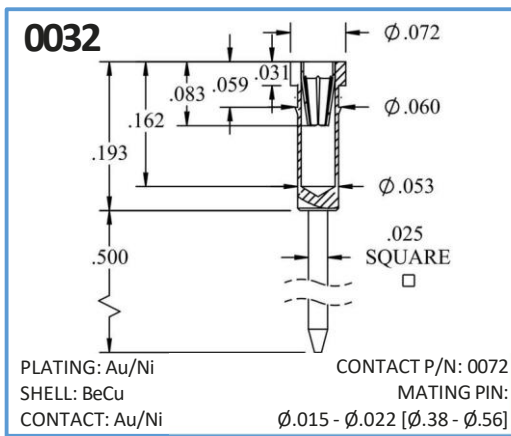
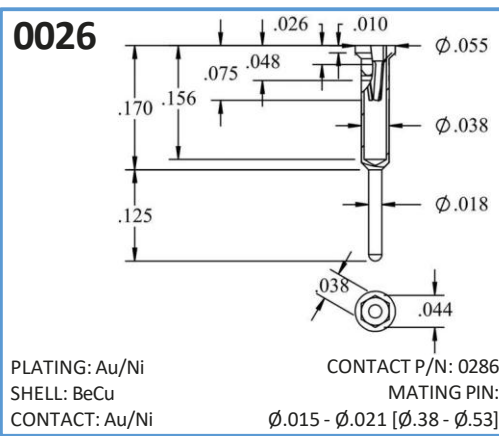
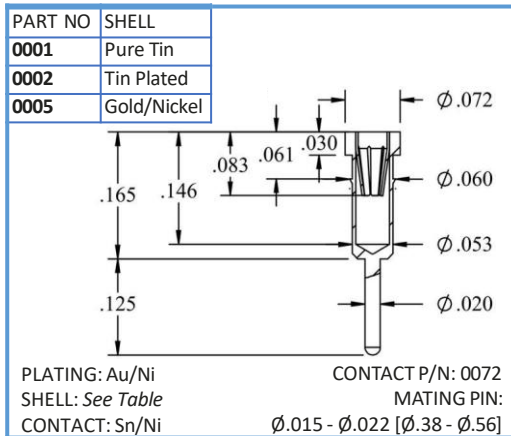
DIMENSIONAL TOLERANCES:

LENGTHS DIAMETERS ANGLES
±.005 ±.002 ±2°

DRAWINGS NOT TO SCALE



SOCKET PINS FOR Ø0.015 ~ Ø0.035 PINS



NOTES: UNLESS OTHERWISE SPECIFIED

SHELL / BODIES

MATERIAL \ FINISH

BRASS ALLOY C36000 per ASTM-B16, Half Hard
plated Gold per MIL-G-45204 Type 2, Grade C,
10µ In. Min. over Nickel, 100µ In. Min. per QQ-
N-290 Class 4. Or Tin per MIL-T-10727 Type I,
200µ In. Min. over Nickel 100µ In. Min.

CONTACTS

MATERIAL \ FINISH

Beryllium Copper, Alloy C17200 per ASTM-B194,
heat treated, plated Gold per MIL-G-45204 Type
2, Grade C, Class 0, 30µ In. Min. or Class 00,
10µ In. Min., over Nickel per QQ-N-290 Class 4,
50µ In. Min. Or; Tin per MIL-T-10727 Type I,
200µ In. Min over Nickel, 50µ In. Min.

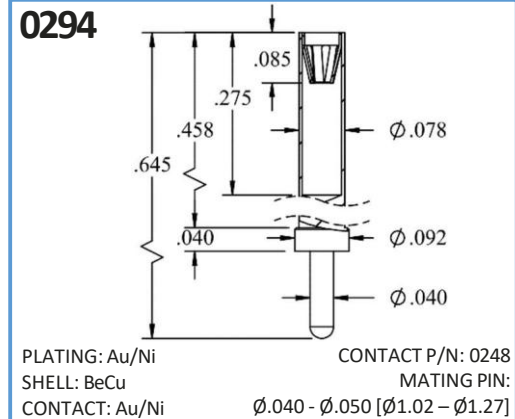
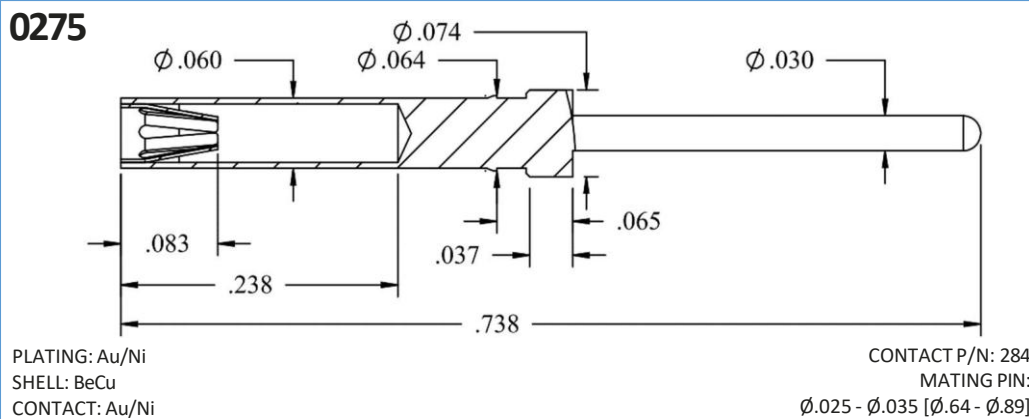
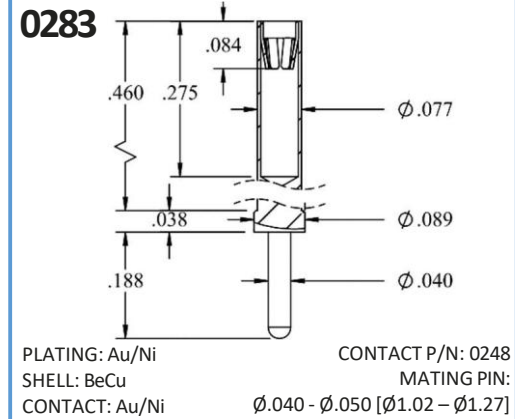
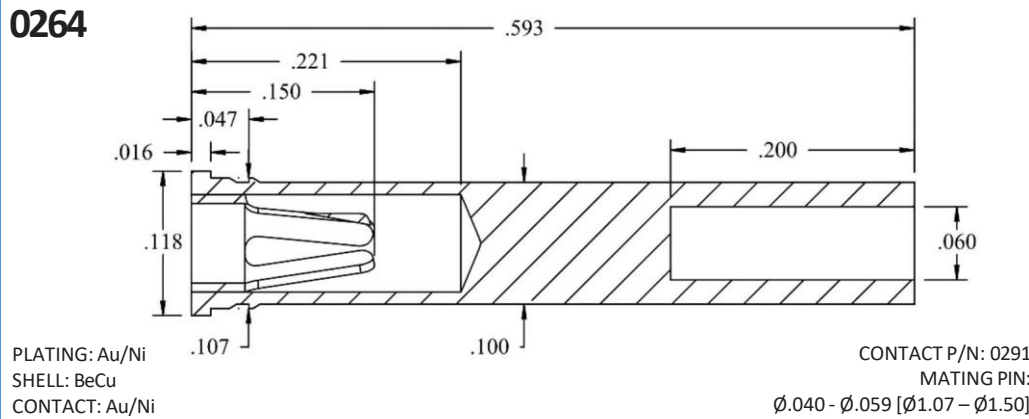
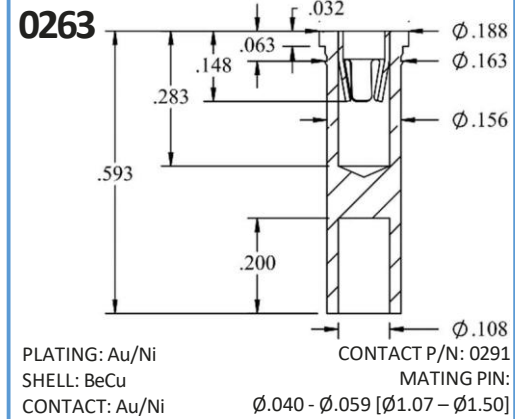
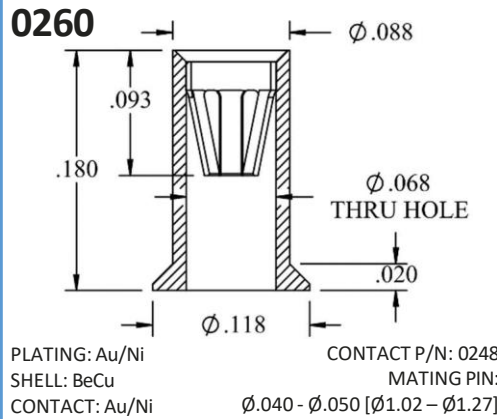
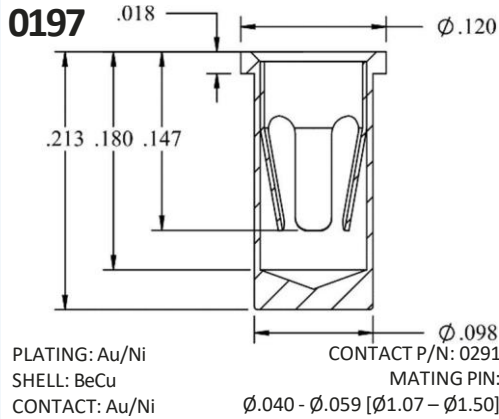
DIMENSIONS ARE IN INCHES

DIMENSIONAL TOLERANCES:
LENGTHS DIAMETERS ANGLES
±.005 ±.002 ±2°

DRAWINGS NOT TO SCALE



SOCKET PINS FOR Ø0.025 ~ Ø0.082 PINS



NOTES: UNLESS OTHERWISE SPECIFIED

SHELL / BODIES

MATERIAL \ FINISH

BRASS ALLOY C36000 per ASTM-B16, Half Hard
plated Gold per MIL-G-45204 Type 2, Grade C,
10µ In. Min. over Nickel, 100µ In. Min. per QQ-
N-290 Class 4. Or Tin per MIL-T-10727 Type I,
200µ In. Min. over Nickel 100µ In. Min.

DIMENSIONS ARE IN INCHES

DIMENSIONAL TOLERANCES:
LENGTHS ±.005
DIAMETERS ±.002
ANGLES ±2°

DRAWINGS NOT TO SCALE

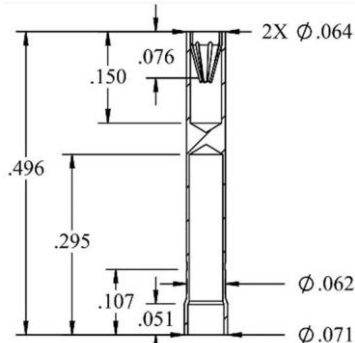
CONTACTS

MATERIAL \ FINISH

Beryllium Copper, Alloy C17200 per ASTM-B194,
heat treated, plated Gold per MIL-G-45204 Type
2, Grade C, Class 0, 30µ In. Min. or Class 00,
10µ In. Min., over Nickel per QQ-N-290 Class 4,
50µ In. Min. Or; Tin per MIL-T-10727 Type I,
200µ In. Min over Nickel, 50µ In. Min.

SOCKET PINS FOR Ø0.025 ~ Ø0.082 PINS

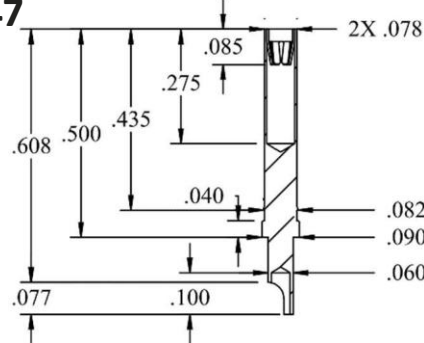
0346



PLATING: Au/Ni
SHELL: BeCu
CONTACT: Au/Ni

CONTACT P/N: 0043
MATING PIN:
Ø.025 - Ø.037 [Ø.64 - Ø.90]

0347

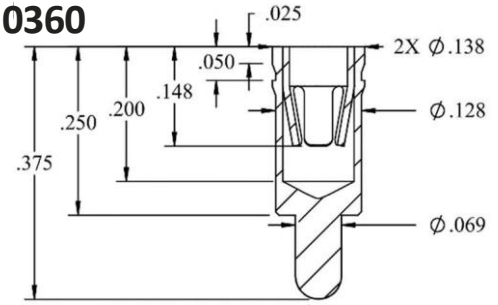


PLATING: Au/Ni
SHELL: BeCu
CONTACT: Au/Ni

CONTACT P/N: 0248
MATING PIN:
Ø.040 - Ø.050 [Ø1.02 - Ø1.27]

0359

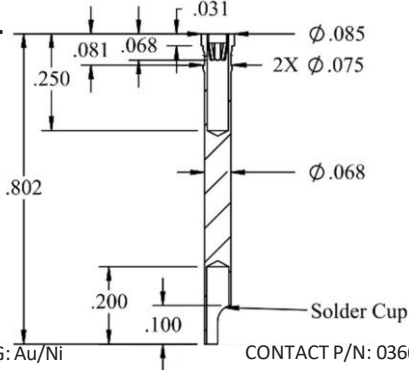
0360



PLATING: Sn/Ni
SHELL: BeCu
CONTACT: Au/Ni

CONTACT P/N: 0292
MATING PIN:
Ø.065 - Ø.082 [Ø1.65 - Ø2.08]

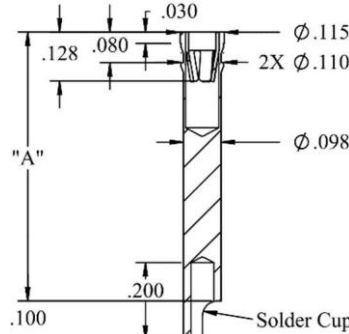
0361



PLATING: Au/Ni
SHELL: BeCu
CONTACT: Au/Ni

CONTACT P/N: 0366
MATING PIN:
Ø.037 - Ø.043 [Ø.94 - Ø1.09]

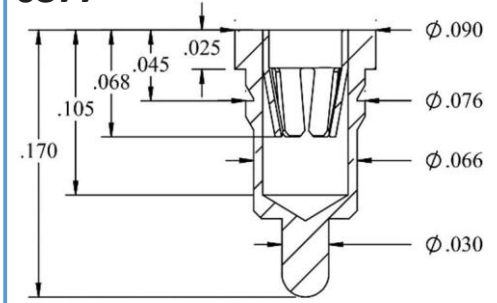
PART NO	"A"
0362	.702
0393	.782



PLATING: Au/Ni
SHELL: BeCu
CONTACT: Au/Ni

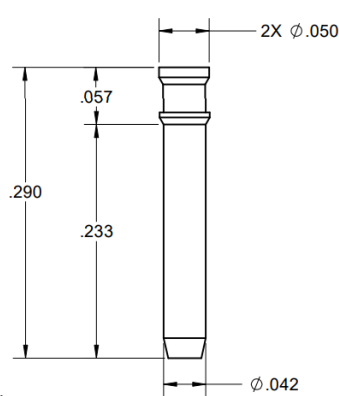
CONTACT P/N: 0365
MATING PIN:
Ø.048 - Ø.064 [Ø1.22 - Ø1.63]

0377

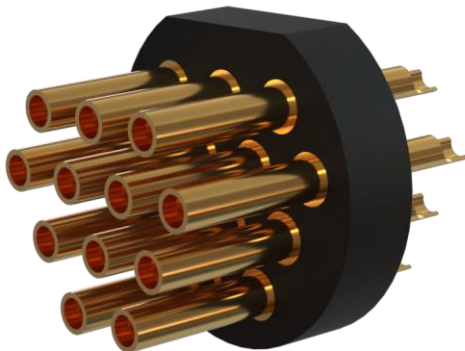


PLATING: Sn/Ni
SHELL: BeCu
CONTACT: Au/Ni

0617



PLATING: Au/Ni
SHELL: BeCu
CONTACT: Au/Ni



NOTES: UNLESS OTHERWISE SPECIFIED

SHELL / BODIES

MATERIAL \ FINISH

BRASS ALLOY C36000 per ASTM-B16, Half Hard
plated Gold per MIL-G-45204 Type 2, Grade C,
10µ In. Min. over Nickel, 100µ In. Min. per QQ-
N-290 Class 4. Or Tin per MIL-T-10727 Type I,
200µ In. Min. over Nickel 100µ In. Min.

CONTACTS

MATERIAL \ FINISH

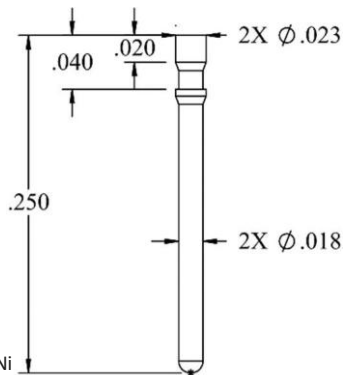
Beryllium Copper, Alloy C17200 per ASTM-B194,
heat treated, plated Gold per MIL-G-45204 Type
2, Grade C, Class 0, 30µ In. Min. or Class 00,
10µ In. Min., over Nickel per QQ-N-290 Class 4,
50µ In. Min. Or; Tin per MIL-T-10727 Type I,
200µ In. Min over Nickel, 50µ In. Min.

DIMENSIONS ARE IN INCHES

DIMENSIONAL TOLERANCES:
LENGTHS DIAMETERS ANGLES
±.005 ±.002 ±2°

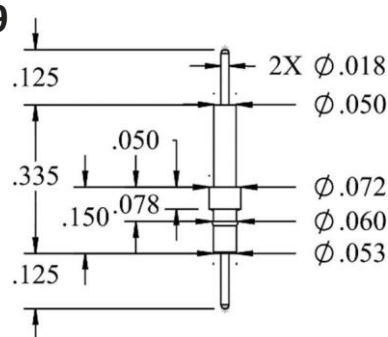
DRAWINGS NOT TO SCALE

0006



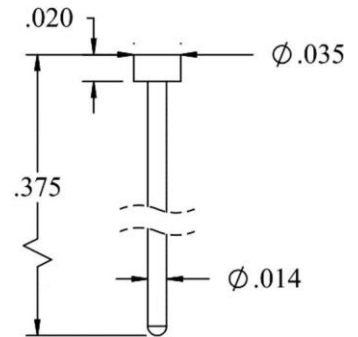
PLATING: Au/Ni
SHELL: BeCu

0009



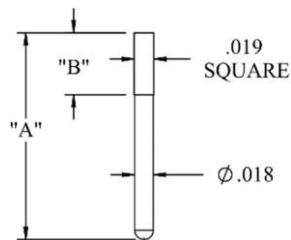
PLATING: Au/Ni
SHELL: BeCu

0026



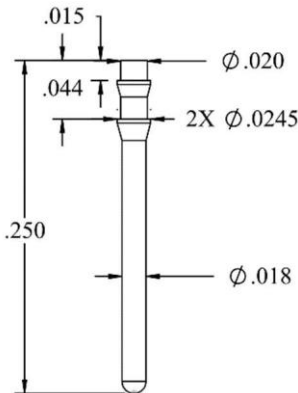
PLATING: Au/Ni
SHELL: BeCu

PART NO	DIM"A"	DIM"B"	PLATING
0013	.200	.060	Sn/Ni
0070	.260	.070	Sn/Ni
0021	.303	.060	Sn/Ni
0022	.200	.060	Au/Ni



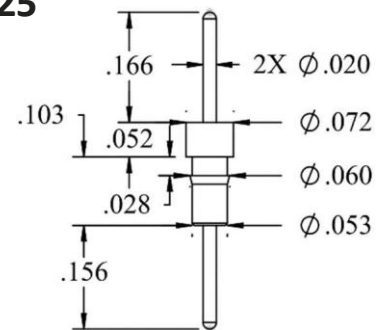
PLATING: See Table
SHELL: See Table

0015



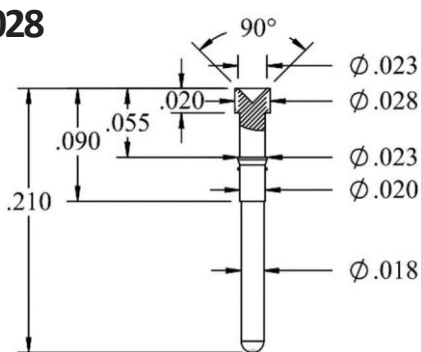
PLATING: Au/Ni
SHELL: BeCu

0025



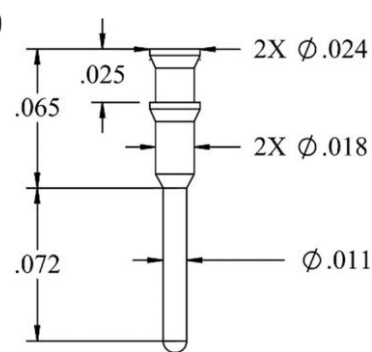
PLATING: Sn/Ni
SHELL: BeCu

0028



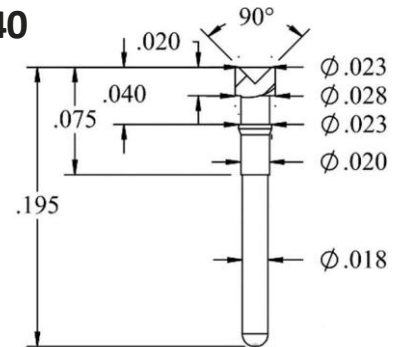
PLATING: Au/Ni
SHELL: BeCu

0039



PLATING: Au/Ni
SHELL: BeCu

0040



PLATING: Au/Ni
SHELL: BeCu

NOTES: UNLESS OTHERWISE SPECIFIED

SHELL / BODIES

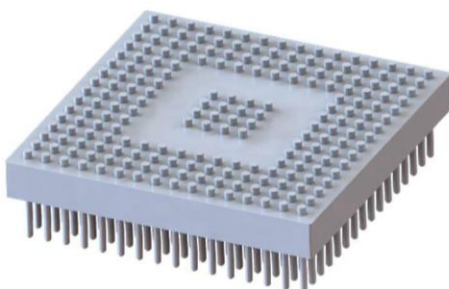
MATERIAL \ FINISH

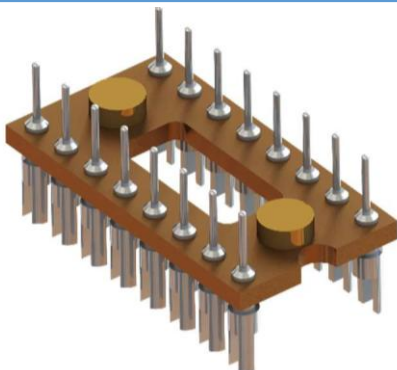
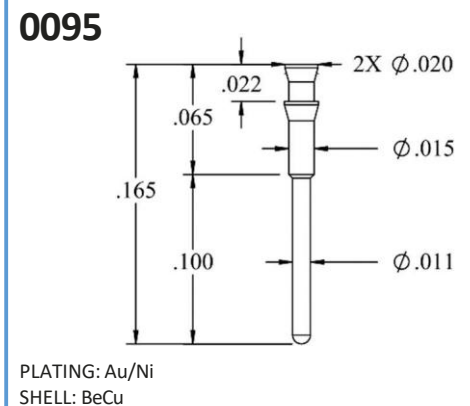
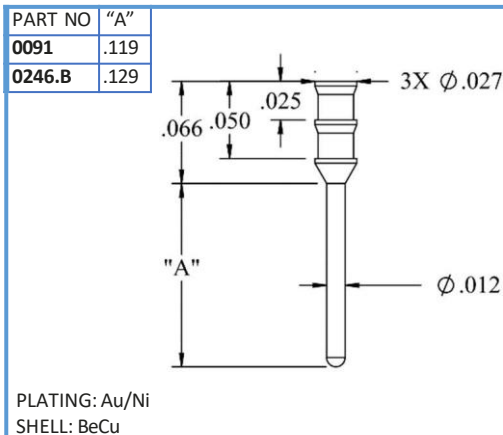
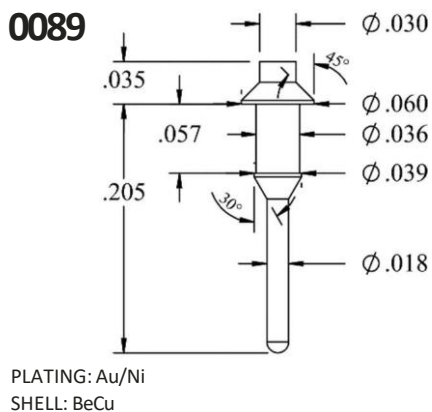
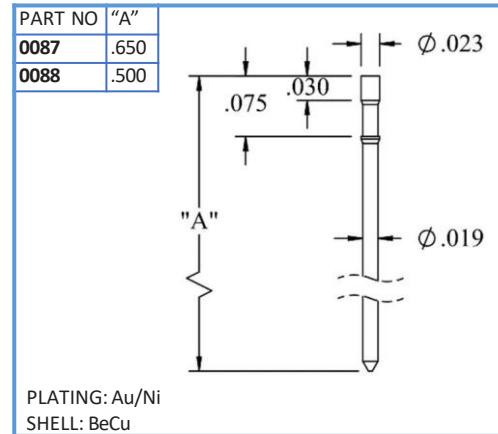
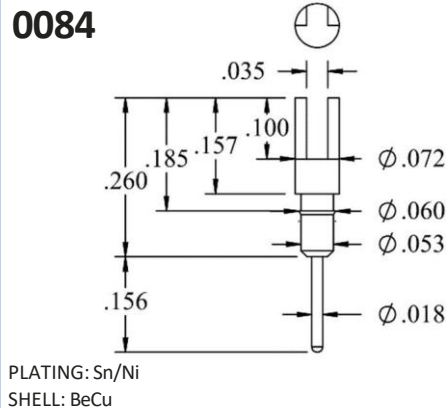
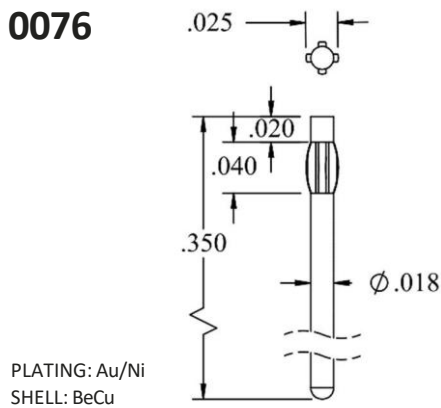
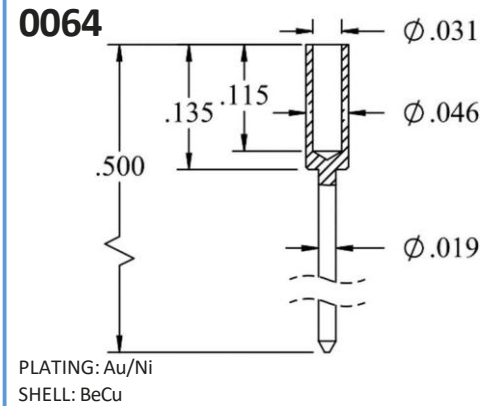
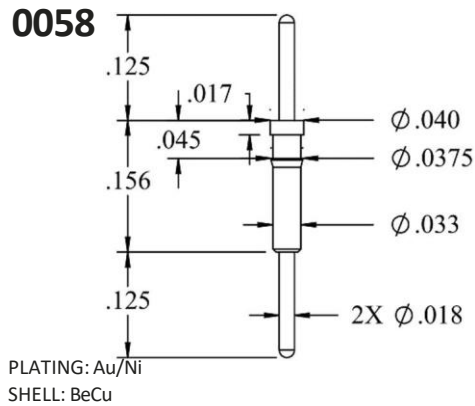
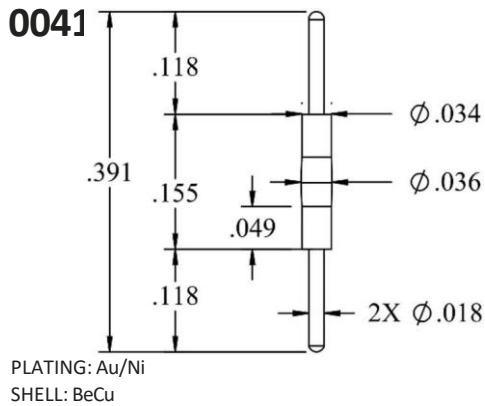
BRASS ALLOY C36000 per ASTM-B16, Half Hard plated Gold per MIL-G-45204 Type 2, Grade C, 10µ In. Min. over Nickel, 100µ In. Min. per QQ-N-290 Class 4. Or Tin per MIL-T-10727 Type I, 200µ In. Min. over Nickel 100µ In. Min.

DIMENSIONS ARE IN INCHES

DIMENSIONAL TOLERANCES:
LENGTHS ±.005
DIAMETERS ±.002
ANGLES ±2°

DRAWINGS NOT TO SCALE





NOTES: UNLESS OTHERWISE SPECIFIED

SHELL / BODIES

MATERIAL \ FINISH

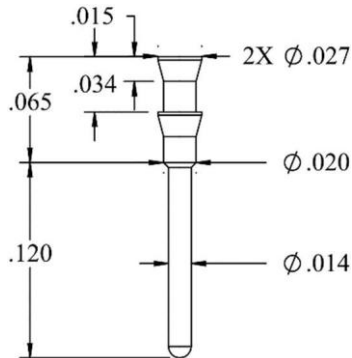
BRASS ALLOY C36000 per ASTM-B16, Half Hard plated Gold per MIL-G-45204 Type 2, Grade C, 10µ In. Min. over Nickel, 100µ In. Min. per QQ-N-290 Class 4. Or Tin per MIL-T-10727 Type I, 200µ In. Min. over Nickel 100µ In. Min.

DIMENSIONS ARE IN INCHES

DIMENSIONAL TOLERANCES:
LENGTHS DIAMETERS ANGLES
±.005 ±.002 ±2°

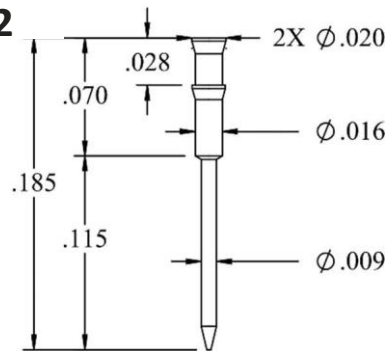
DRAWINGS NOT TO SCALE

0097



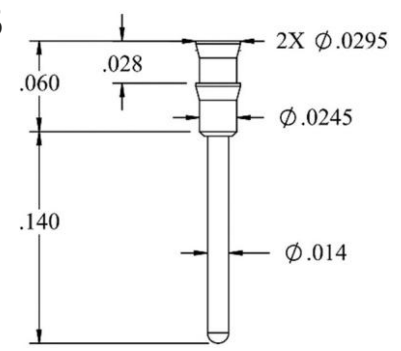
PLATING: Au/Ni
SHELL: BeCu

0102



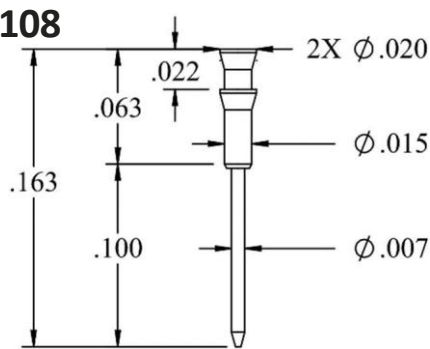
PLATING: Au/Ni
SHELL: BeCu

0105



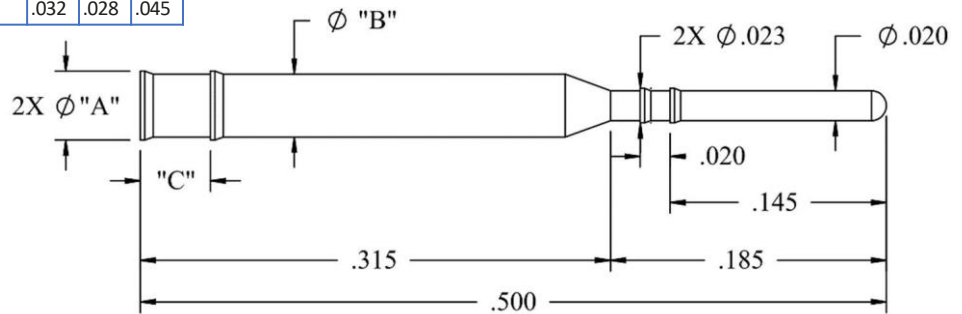
PLATING: Au/Ni
SHELL: BeCu

0108



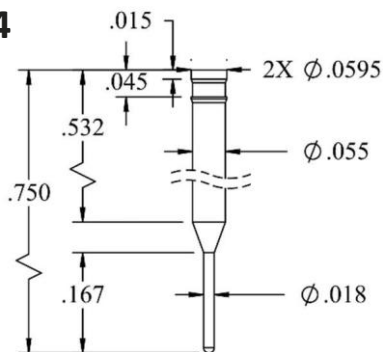
PLATING: Au/Ni
SHELL: BeCu

PART NO	"A"	"B"	"C"
0134	.046	.042	.047
0135	.032	.028	.045



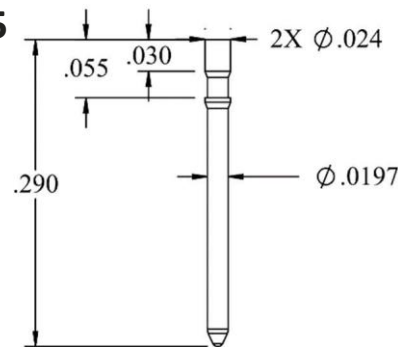
PLATING: Au/Ni
SHELL: BeCu

0164



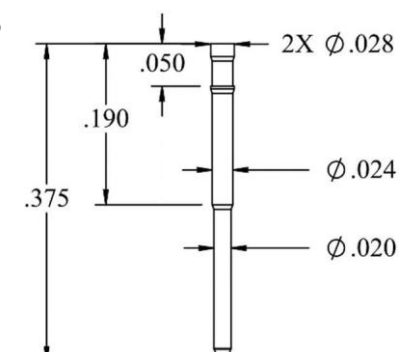
PLATING: Au/Ni
SHELL: BeCu

0165



PLATING: Au/Ni
SHELL: BeCu

0173



PLATING: Au/Ni
SHELL: BeCu



NOTES: UNLESS OTHERWISE SPECIFIED

SHELL / BODIES

MATERIAL \ FINISH

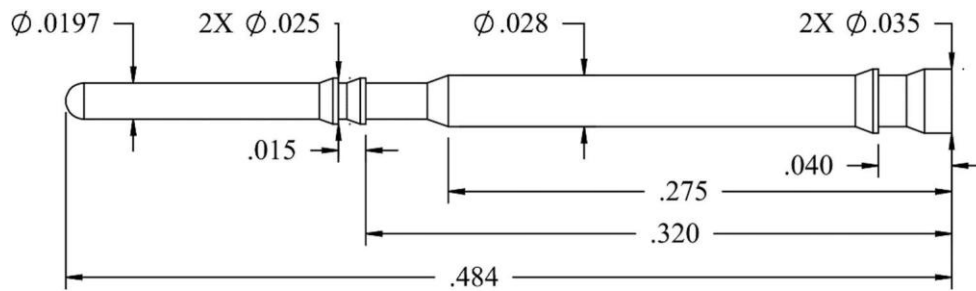
BRASS ALLOY C36000 per ASTM-B16, Half Hard plated Gold per MIL-G-45204 Type 2, Grade C, 10µ In. Min. over Nickel, 100µ In. Min. per QQ-N-290 Class 4. Or Tin per MIL-T-10727 Type I, 200µ In. Min. over Nickel 100µ In. Min.

DIMENSIONS ARE IN INCHES

DIMENSIONAL TOLERANCES:
LENGTHS ±.005
DIAMETERS ±.002
ANGLES ±2°

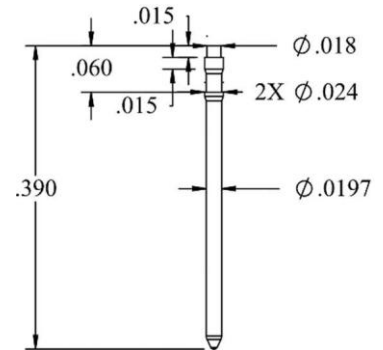
DRAWINGS NOT TO SCALE

0175



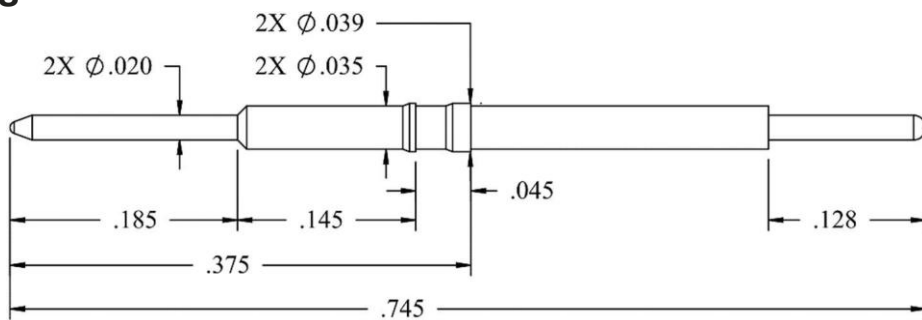
PLATING: Au/Ni
SHELL: BeCu

0179



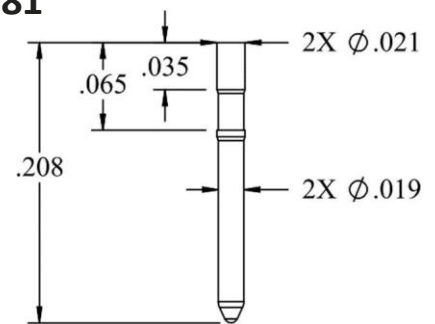
PLATING: Au/Ni
SHELL: BeCu

0178



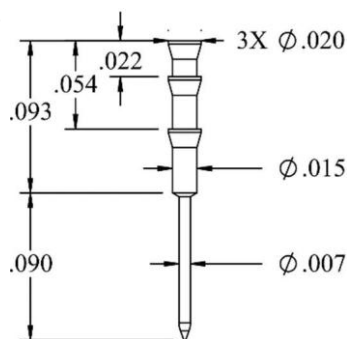
PLATING: Au/Ni
SHELL: BeCu

0181



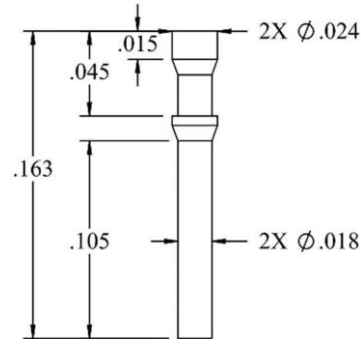
PLATING: Au/Ni
SHELL: BeCu

0184



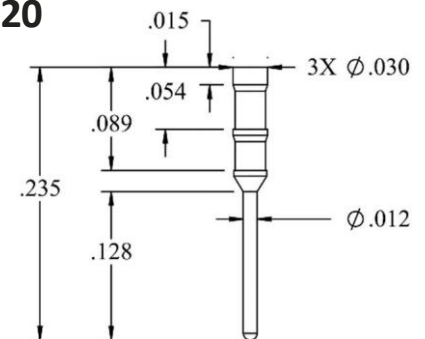
PLATING: Au/Ni
SHELL: BeCu

0186



PLATING: Au/Ni
SHELL: BeCu

0220



PLATING: Au/Ni
SHELL: BeCu



NOTES: UNLESS OTHERWISE SPECIFIED

SHELL / BODIES

MATERIAL \ FINISH

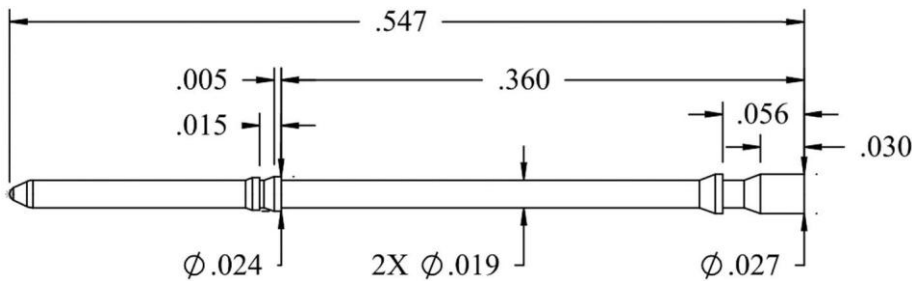
BRASS ALLOY C36000 per ASTM-B16, Half Hard plated Gold per MIL-G-45204 Type 2, Grade C, 10µ In. Min. over Nickel, 100µ In. Min. per QQ-N-290 Class 4. Or Tin per MIL-T-10727 Type I, 200µ In. Min. over Nickel 100µ In. Min.

DIMENSIONS ARE IN INCHES

DIMENSIONAL TOLERANCES:
LENGTHS ±.005
DIAMETERS ±.002
ANGLES ±2°

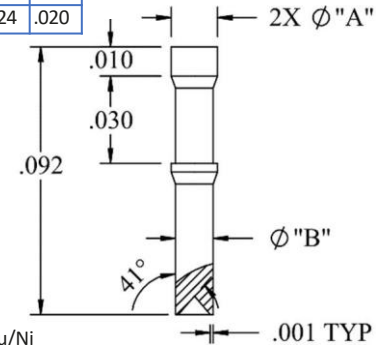
DRAWINGS NOT TO SCALE

0223



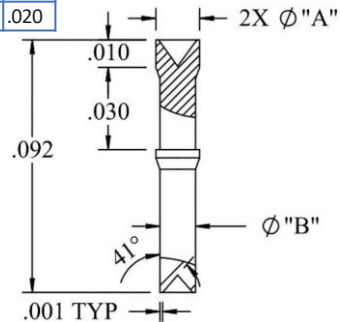
PLATING: Au/Ni
SHELL: BeCu

PART NO	Ø"A"	Ø"B"
0237	.016	.013
0238	.024	.020



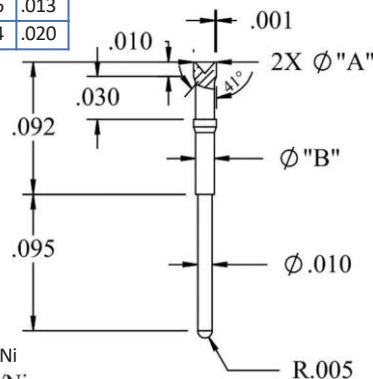
PLATING: Au/Ni
SHELL: BeCu

PART NO	Ø"A"	Ø"B"
0240	.016	.013
0241	.024	.020



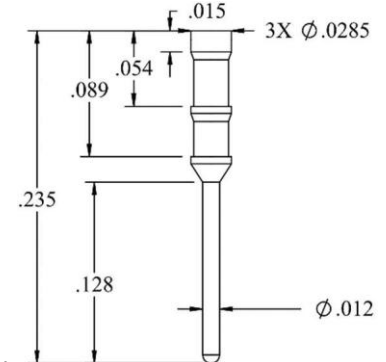
PLATING: Au/Ni
SHELL: BeCu

PART NO	Ø"A"	Ø"B"
0242	.016	.013
0243	.024	.020



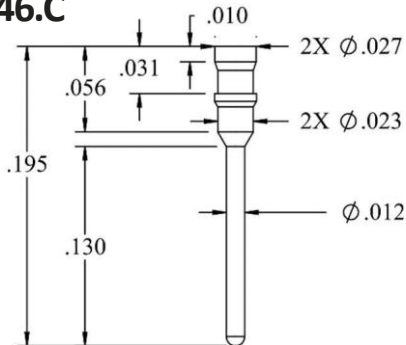
PLATING: Au/Ni
SHELL: BeCu / NT

0244



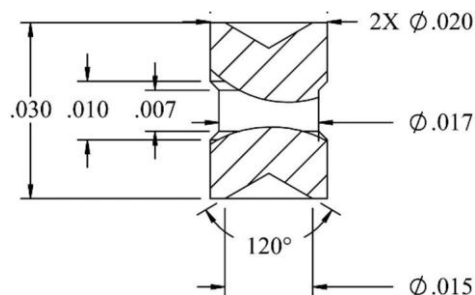
PLATING: Au/Ni
SHELL: BeCu

0246.C



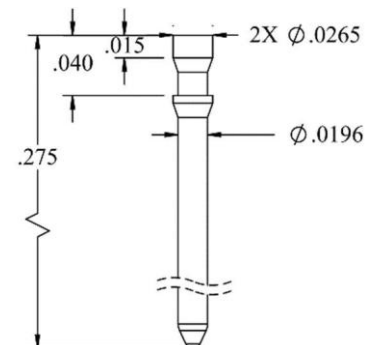
PLATING: Au/Ni
SHELL: BeCu

0253

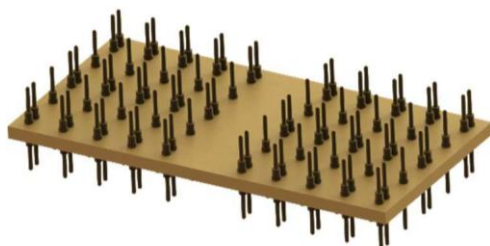


PLATING: Au/Ni
SHELL: BeCu

0267



PLATING: Au/Ni
SHELL: BeCu



NOTES: UNLESS OTHERWISE SPECIFIED

SHELL / BODIES

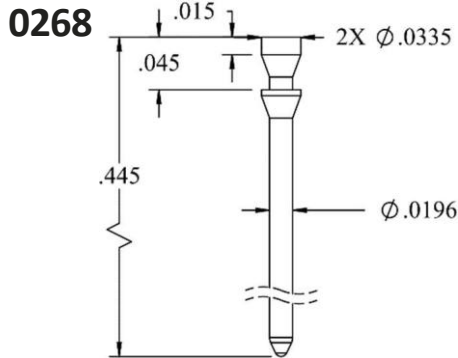
MATERIAL \ FINISH

BRASS ALLOY C36000 per ASTM-B16, Half Hard plated Gold per MIL-G-45204 Type 2, Grade C, 10µ In. Min. over Nickel, 100µ In. Min. per QQ-N-290 Class 4. Or Tin per MIL-T-10727 Type I, 200µ In. Min. over Nickel 100µ In. Min.

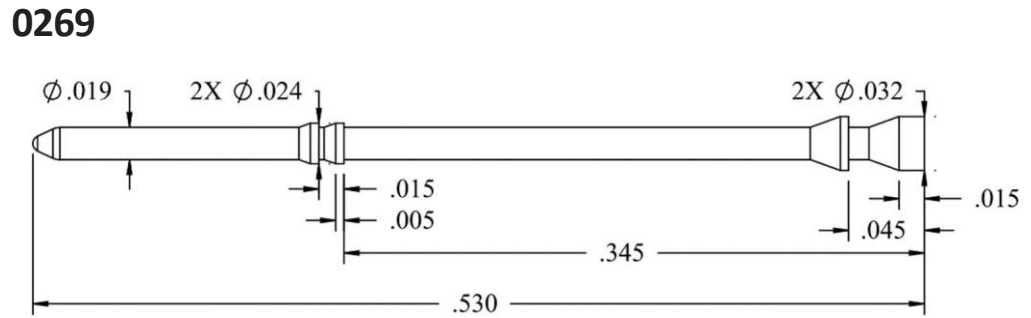
DIMENSIONS ARE IN INCHES

DIMENSIONAL TOLERANCES:
LENGTHS DIAMETERS ANGLES
±.005 ±.002 ±2°

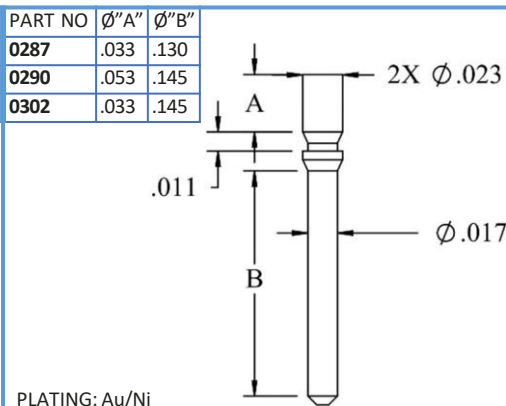
DRAWINGS NOT TO SCALE



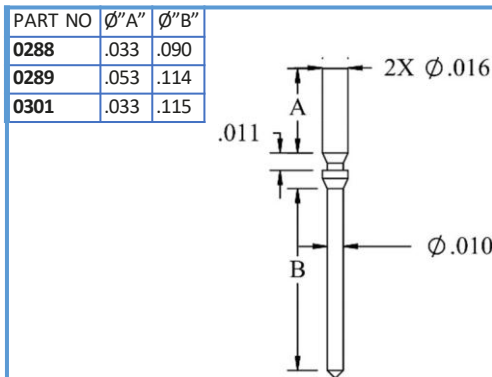
PLATING: Au/Ni
SHELL: BeCu



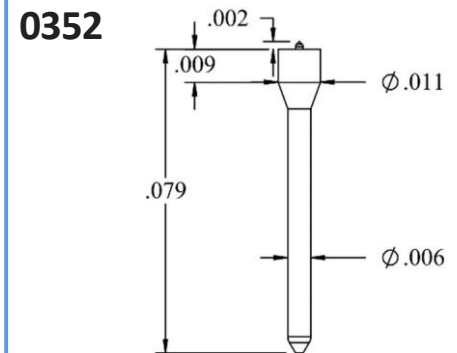
PLATING: Au/Ni
SHELL: BeCu



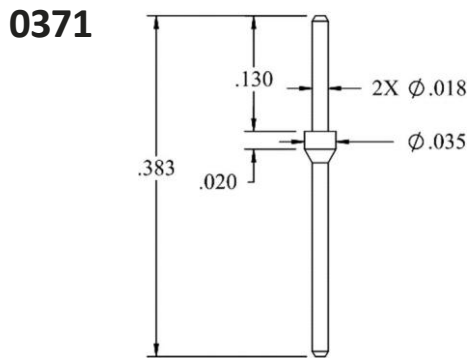
PLATING: Au/Ni
SHELL: BeCu



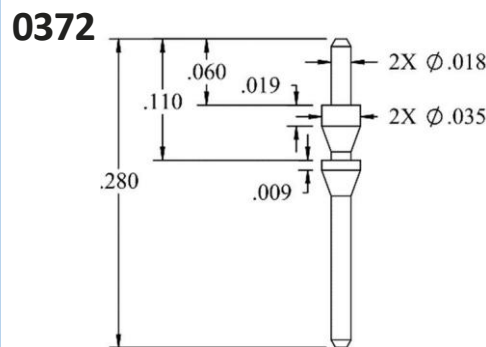
PLATING: Au/Ni
SHELL: BeCu



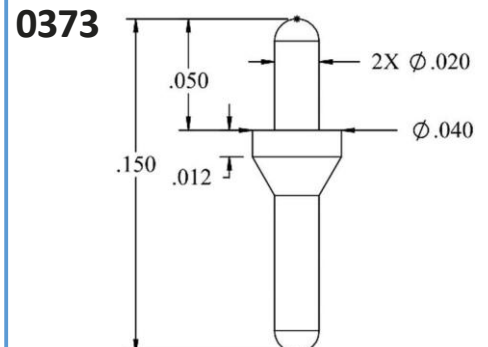
PLATING: Au/Ni
SHELL: BeCu



PLATING: Sn/Ni
SHELL: BeCu



PLATING: Sn/Ni
SHELL: BeCu



PLATING: Au/Ni
SHELL: BeCu

NOTES: UNLESS OTHERWISE SPECIFIED

SHELL / BODIES

MATERIAL \ FINISH

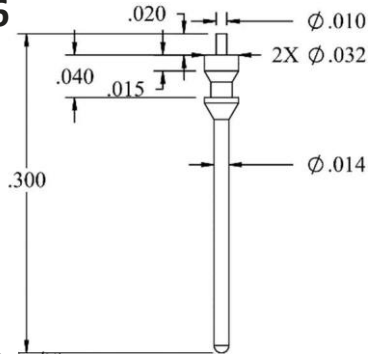
BRASS ALLOY C36000 per ASTM-B16, Half Hard plated Gold per MIL-G-45204 Type 2, Grade C, 10µ In. Min. over Nickel, 100µ In. Min. per QQ-N-290 Class 4. Or Tin per MIL-T-10727 Type I, 200µ In. Min. over Nickel 100µ In. Min.

DIMENSIONS ARE IN INCHES

DIMENSIONAL TOLERANCES:
LENGTHS ±.005
DIAMETERS ±.002
ANGLES ±2°

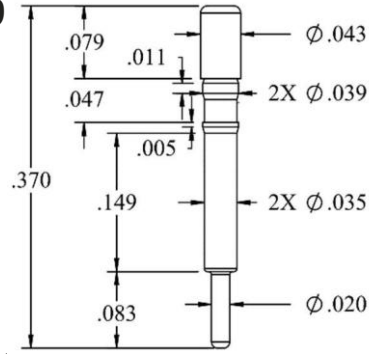
DRAWINGS NOT TO SCALE

0386



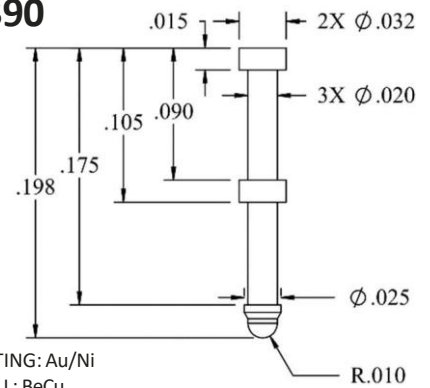
PLATING: Au/Ni
SHELL: BeCu

0389



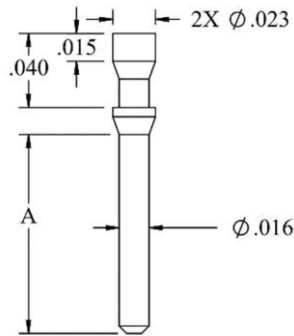
PLATING: Sn/Ni
SHELL: BeCu

0390



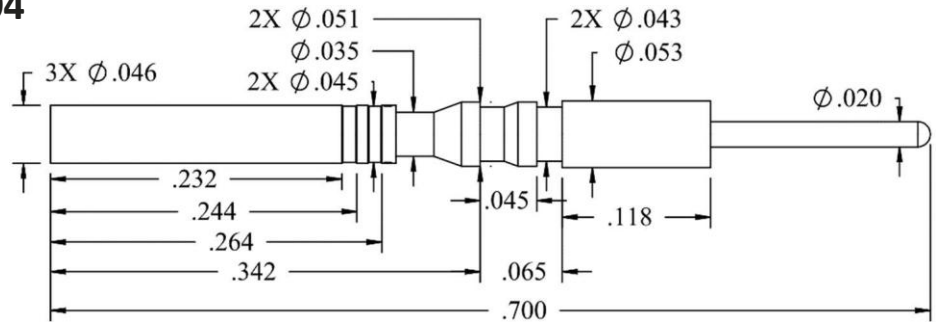
PLATING: Au/Ni
SHELL: BeCu

PART NO	Ø"A"
0395	.107
0396	.080



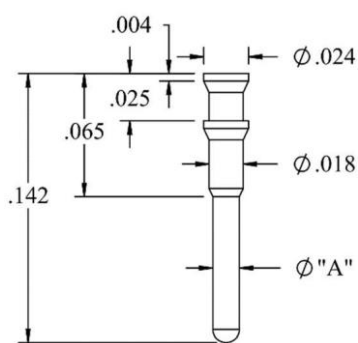
PLATING: Au/Ni
SHELL: BeCu

0394



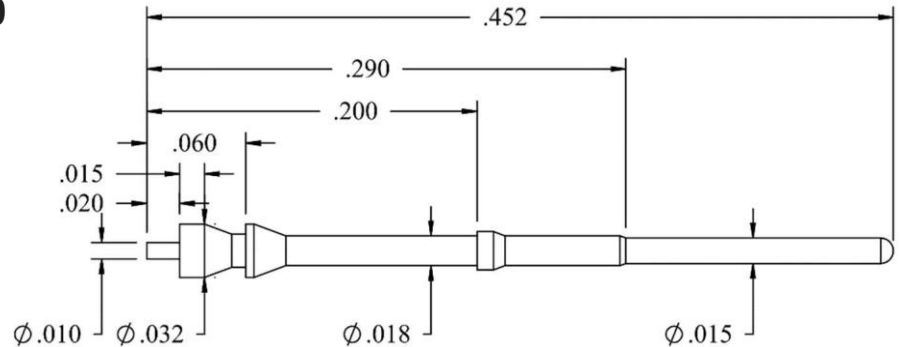
PLATING: Au/Ni
SHELL: BeCu

PART NO	Ø"A"
0399	
0404	



PLATING: Au/Ni
SHELL: BeCu

0400



PLATING: Au/Ni
SHELL: BeCu



NOTES: UNLESS OTHERWISE SPECIFIED

SHELL / BODIES

MATERIAL \ FINISH

BRASS ALLOY C36000 per ASTM-B16, Half Hard plated Gold per MIL-G-45204 Type 2, Grade C, 10µ In. Min. over Nickel, 100µ In. Min. per QQ-N-290 Class 4. Or Tin per MIL-T-10727 Type I, 200µ In. Min. over Nickel 100µ In. Min.

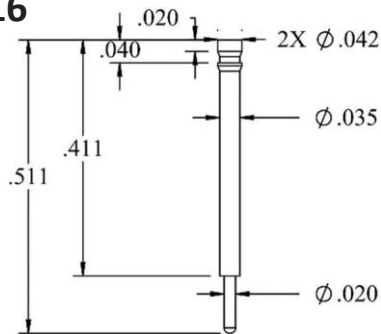
DIMENSIONS ARE IN INCHES

DIMENSIONAL TOLERANCES:

DRAWINGS NOT TO SCALE

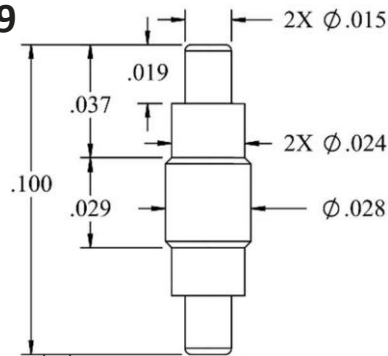
LENGTHS ±.005
DIAMETERS ±.002
ANGLES ±2°

0416



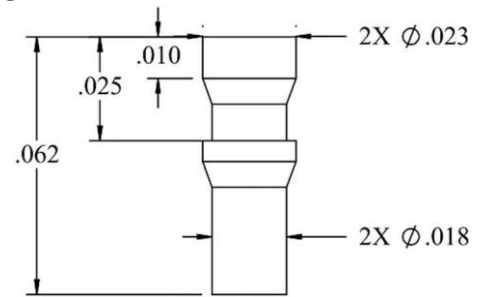
PLATING: Sn/Ni
SHELL: BeCu

0419



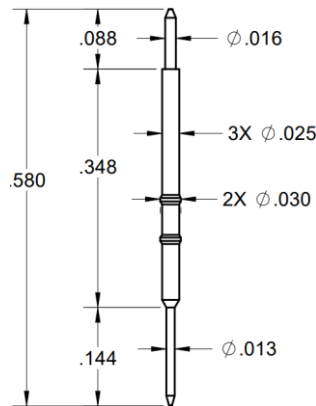
PLATING: Au/Ni/Cu
SHELL: BeCu

0421



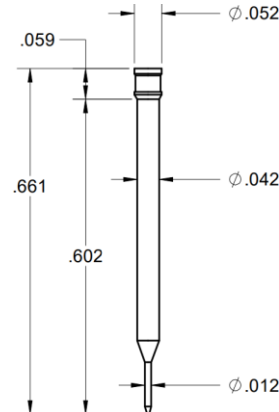
PLATING: Sn/Ni/Cu
SHELL: BeCu

0763



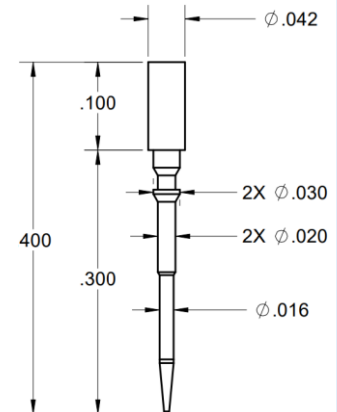
PLATING: Au/Ni
SHELL: BeCu

0769



PLATING: Au/Ni
SHELL: BeCu

0507



PLATING: Au/Ni
SHELL: BeCu

NOTES: UNLESS OTHERWISE SPECIFIED

SHELL / BODIES

MATERIAL \ FINISH

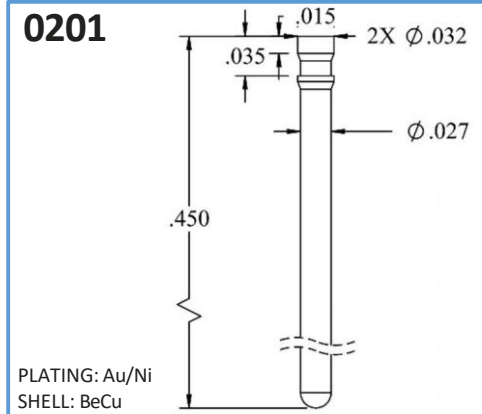
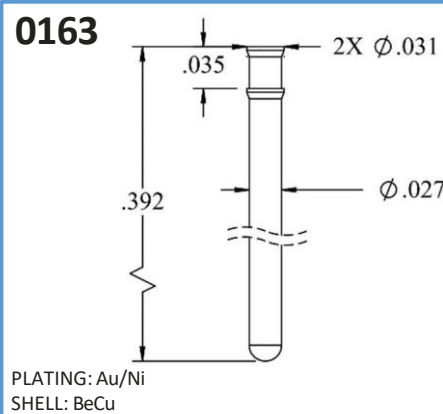
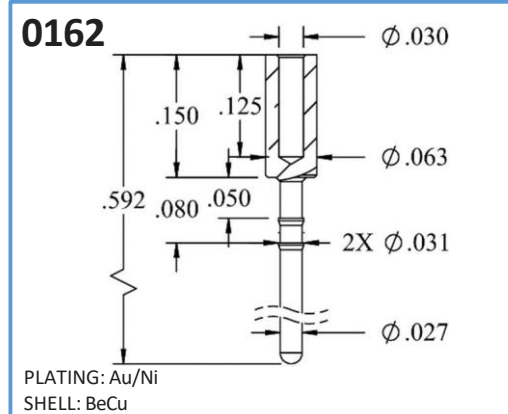
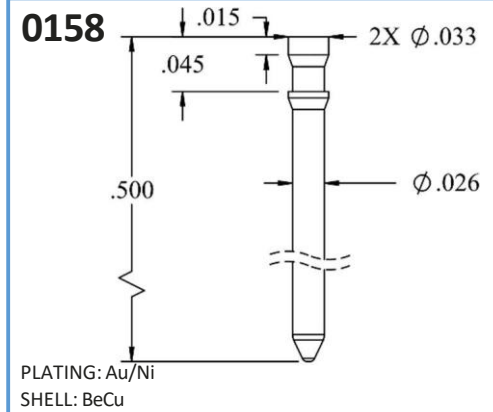
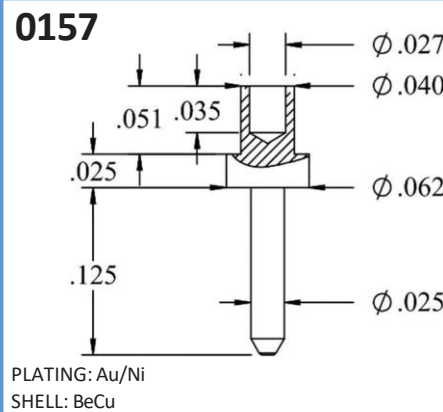
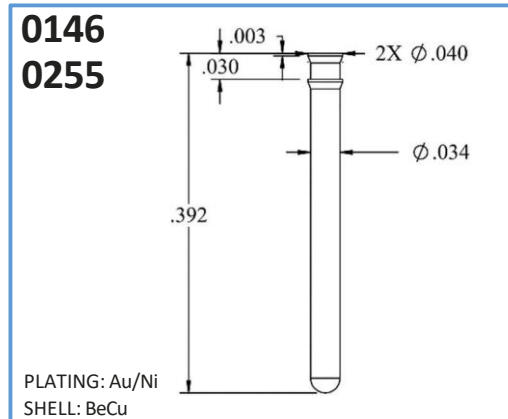
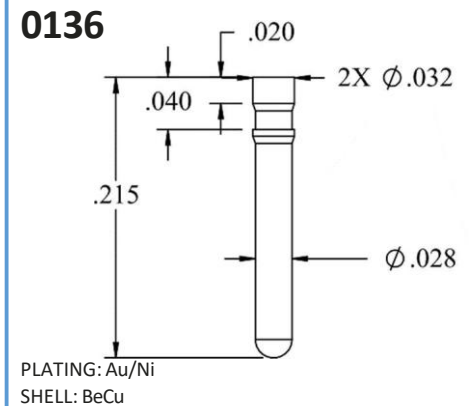
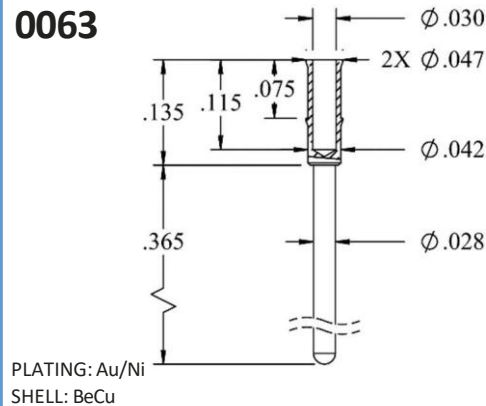
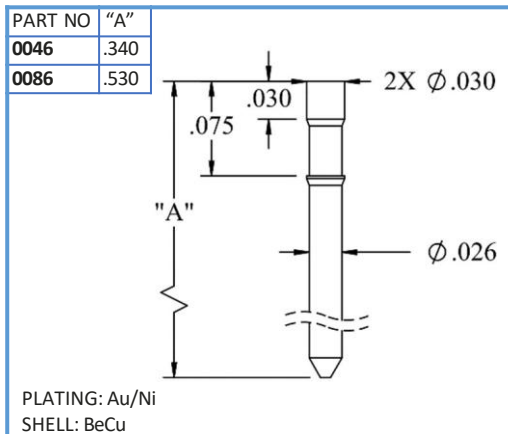
BRASS ALLOY C36000 per ASTM-B16, Half Hard plated Gold per MIL-G-45204 Type 2, Grade C, 10µ In. Min. over Nickel, 100µ In. Min. per QQ-N-290 Class 4. Or Tin per MIL-T-10727 Type I, 200µ In. Min. over Nickel 100µ In. Min.

DIMENSIONS ARE IN INCHES

DIMENSIONAL TOLERANCES:

LENGTHS	DIAMETERS	ANGLES
±.005	±.002	±2°

DRAWINGS NOT TO SCALE



NOTES: UNLESS OTHERWISE SPECIFIED

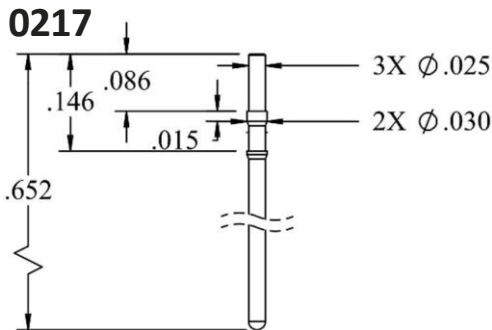
SHELL / BODIES MATERIAL \ FINISH

BRASS ALLOY C36000 per ASTM-B16, Half Hard plated Gold per MIL-G-45204 Type 2, Grade C, 10µ In. Min. over Nickel, 100µ In. Min, per QQ-N-290 Class 4. Or Tin per MIL-T-10727 Type I, 200µ In. Min. over Nickel 100µ In. Min.

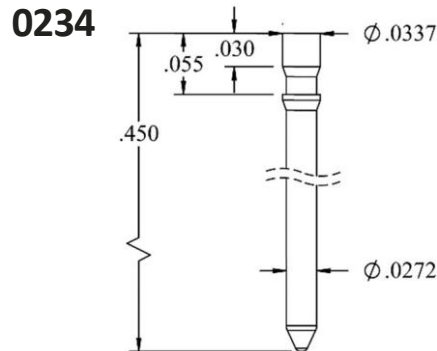
DIMENSIONS ARE IN INCHES

DIMENSIONAL TOLERANCES:
LENGTHS ±.005 DIAMETERS ±.002 ANGLES ±2°

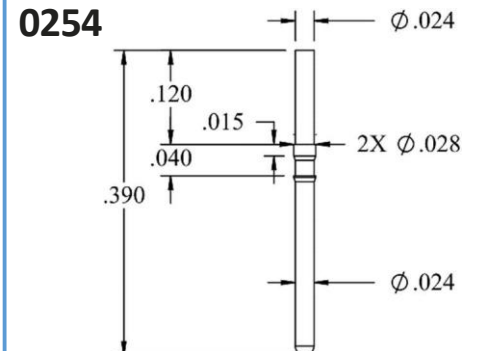
DRAWINGS NOT TO SCALE



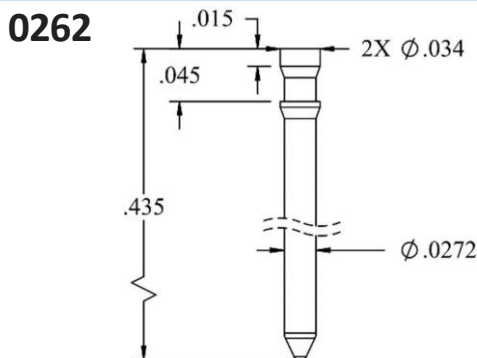
MATERIAL: PHOSPHOR BRONZE
PLATING: MATTE TIN 150-350µIN OVER 50µIN Ni.
SHELL: BeCu



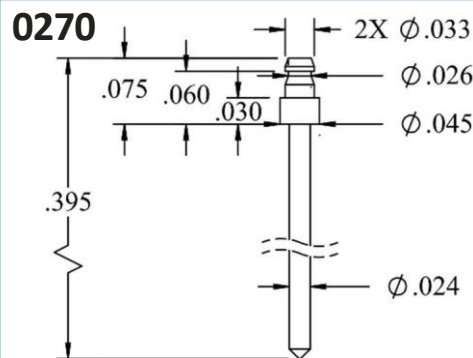
PLATING: Au/Ni
SHELL: BeCu



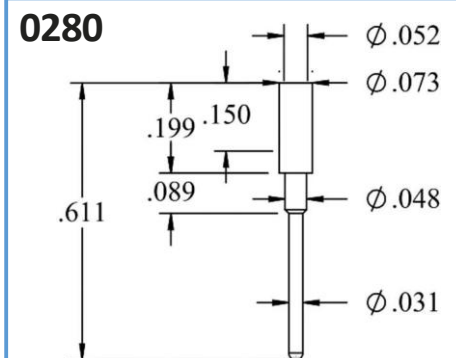
PLATING: Au/Ni
SHELL: BeCu



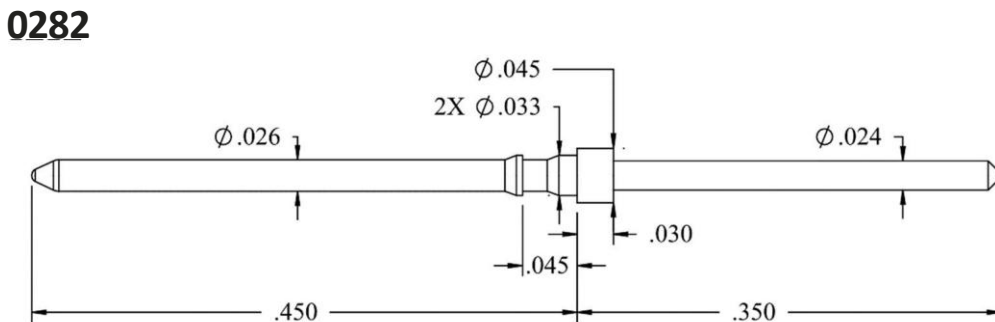
PLATING: Au/Ni
SHELL: BeCu



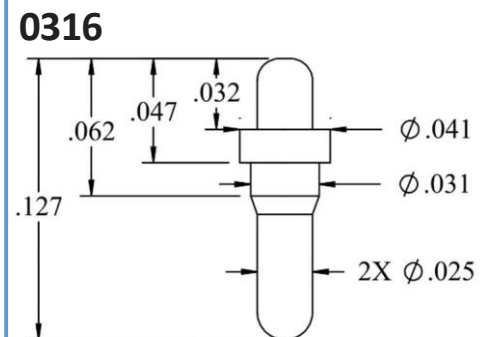
PLATING: Au/Ni
SHELL: BeCu



PLATING: Au/Ni
SHELL: BeCu



PLATING: Au/Ni
SHELL: BeCu



PLATING: Au/Ni
SHELL: BeCu

NOTES: UNLESS OTHERWISE SPECIFIED

SHELL / BODIES

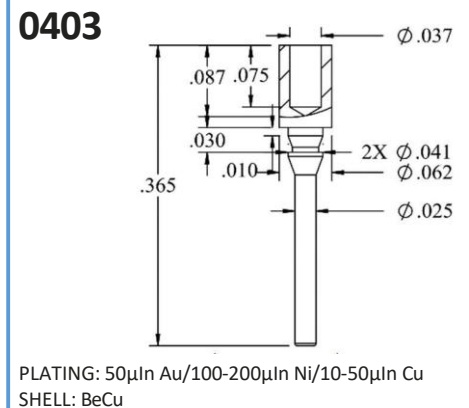
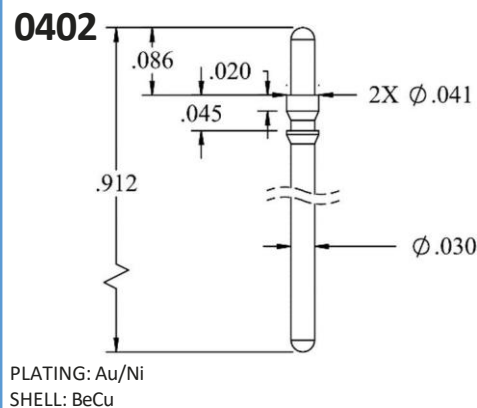
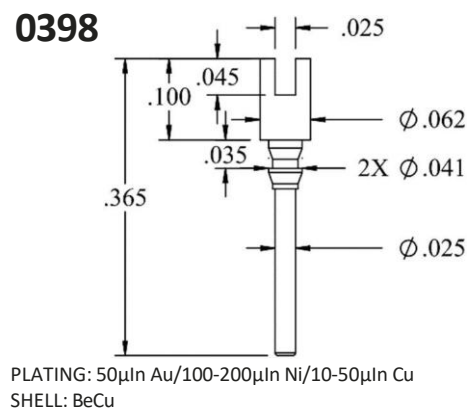
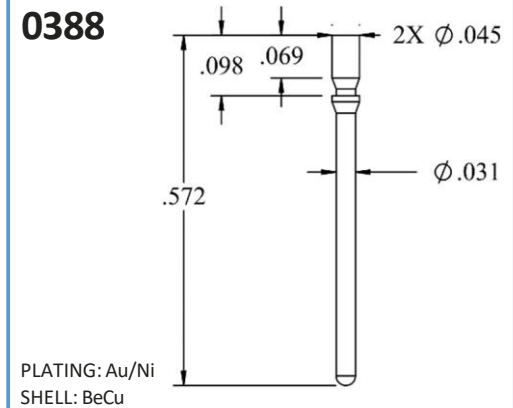
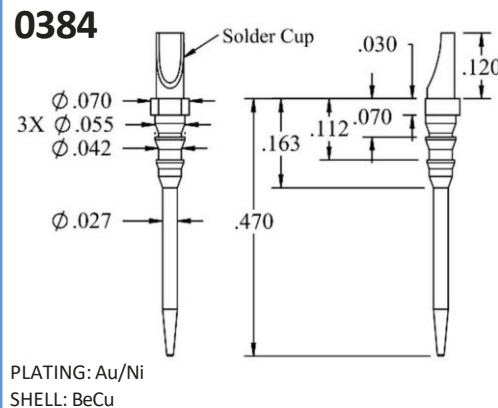
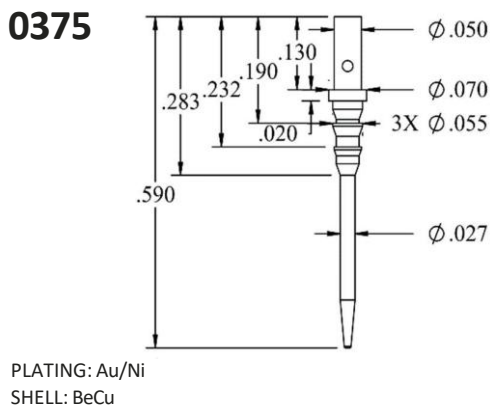
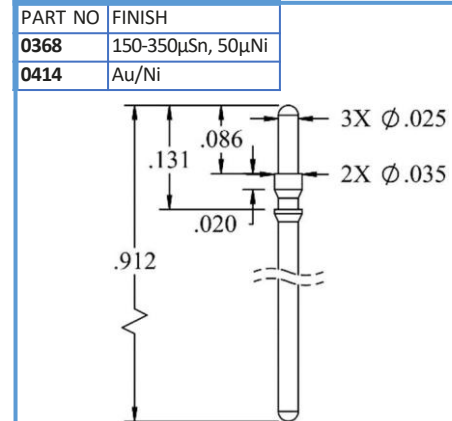
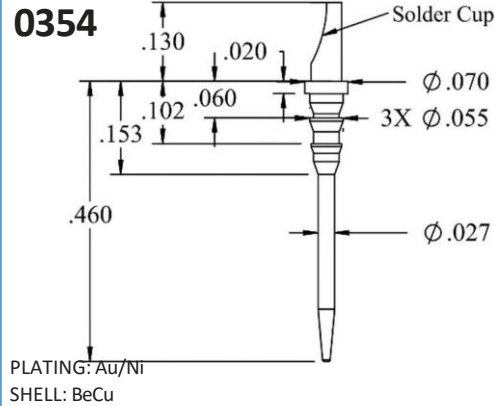
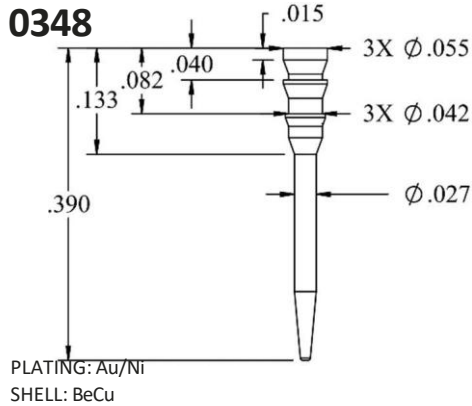
MATERIAL \ FINISH

BRASS ALLOY C36000 per ASTM-B16, Half Hard plated Gold per MIL-G-45204 Type 2, Grade C, 10µ In. Min. over Nickel, 100µ In. Min. per QQ-N-290 Class 4. Or Tin per MIL-T-10727 Type I, 200µ In. Min. over Nickel 100µ In. Min.

DIMENSIONS ARE IN INCHES

DIMENSIONAL TOLERANCES:
LENGTHS ±.005
DIAMETERS ±.002
ANGLES ±2°

DRAWINGS NOT TO SCALE



NOTES: UNLESS OTHERWISE SPECIFIED

SHELL / BODIES

MATERIAL \ FINISH

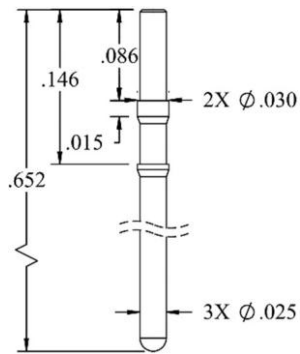
BRASS ALLOY C36000 per ASTM-B16, Half Hard plated Gold per MIL-G-45204 Type 2, Grade C, 10µ In. Min. over Nickel, 100µ In. Min. per QQ-N-290 Class 4. Or Tin per MIL-T-10727 Type I, 200µ In. Min. over Nickel 100µ In. Min.

DIMENSIONS ARE IN INCHES

DIMENSIONAL TOLERANCES:
LENGTHS ±.005 DIAMETERS ±.002 ANGLES ±2°

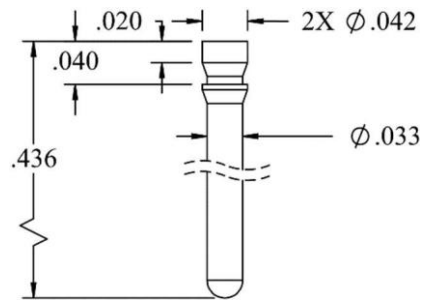
DRAWINGS NOT TO SCALE

0413



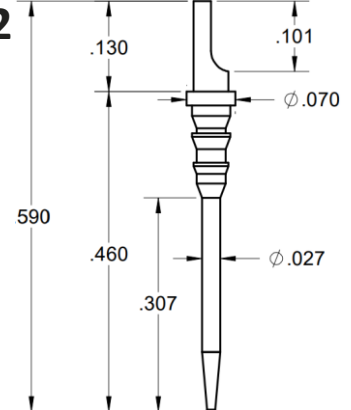
PLATING: Au/Ni
SHELL: BeCu

0415



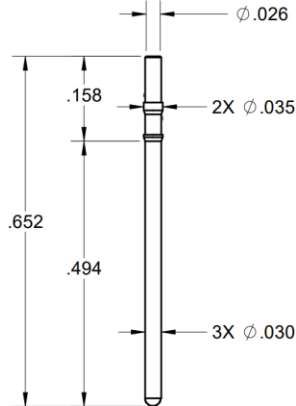
PLATING: Sn/Ni
SHELL: BeCu

D28172



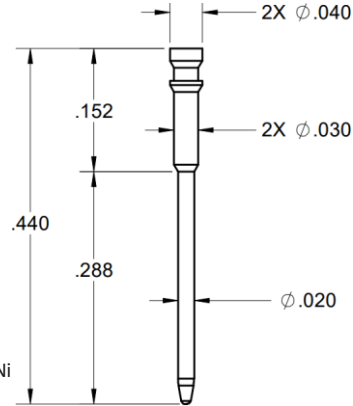
PLATING: Au/Ni
SHELL: BeCu

0478



PLATING: Au/Ni
SHELL: BeCu

0508



PLATING: Au/Ni
SHELL: BeCu

NOTES: UNLESS OTHERWISE SPECIFIED

SHELL / BODIES

MATERIAL \ FINISH

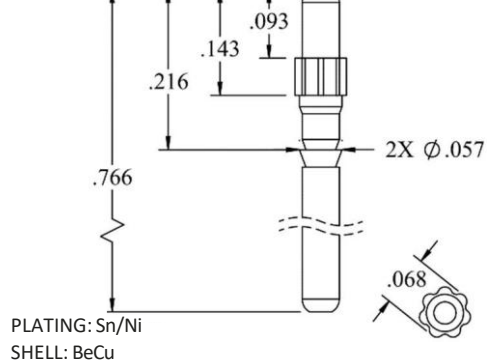
BRASS ALLOY C36000 per ASTM-B16, Half Hard plated Gold per MIL-G-45204 Type 2, Grade C, 10µ In. Min. over Nickel, 100µ In. Min. per QQ-N-290 Class 4. Or Tin per MIL-T-10727 Type I, 200µ In. Min. over Nickel 100µ In. Min.

DIMENSIONS ARE IN INCHES

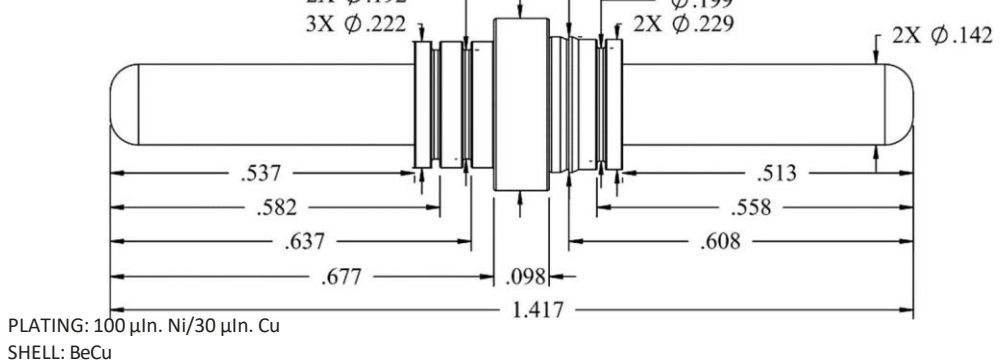
DIMENSIONAL TOLERANCES:
LENGTHS DIAMETERS ANGLES
±.005 ±.002 ±2°

DRAWINGS NOT TO SCALE

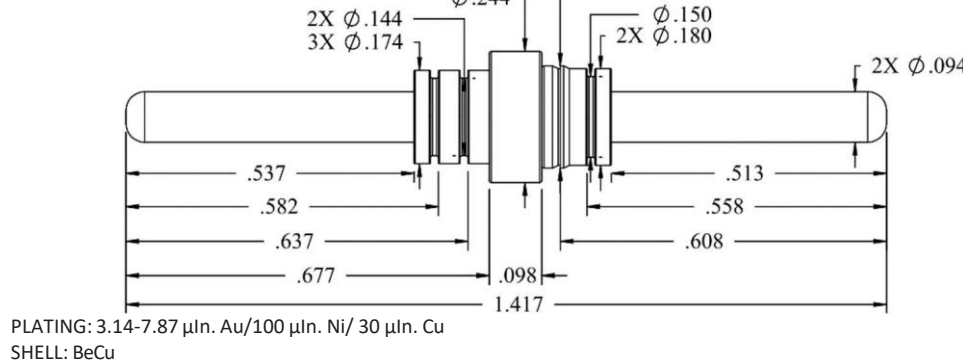
0204



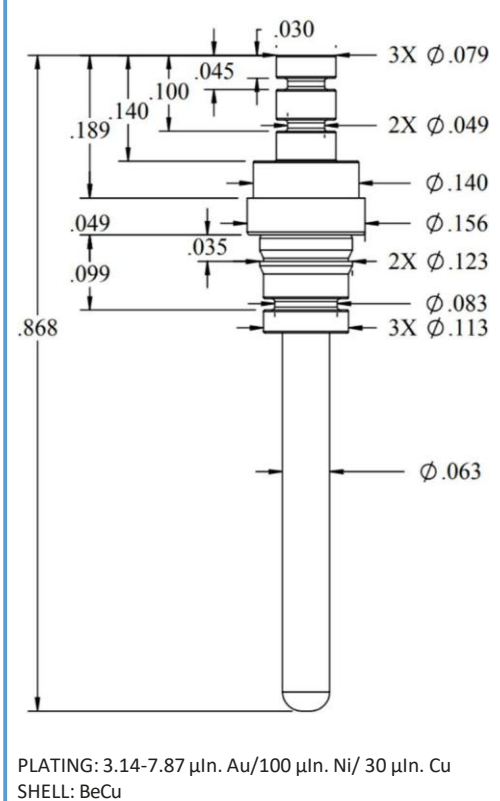
0206



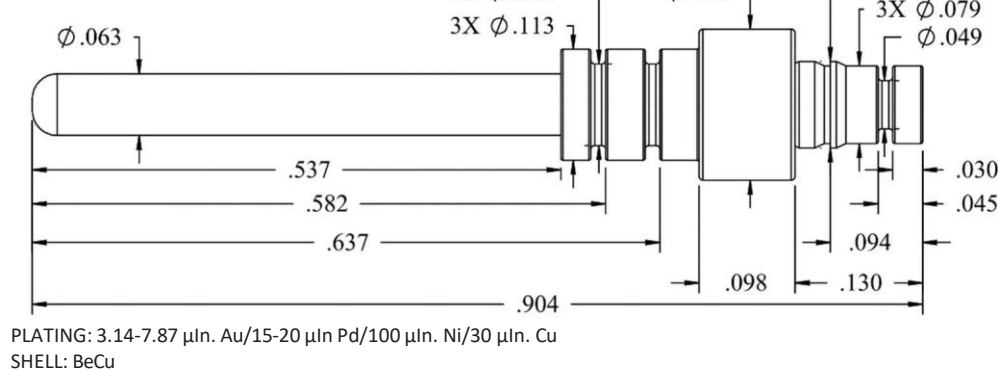
0207



0209



0208



NOTES: UNLESS OTHERWISE SPECIFIED

SHELL / BODIES

MATERIAL \ FINISH

BRASS ALLOY C36000 per ASTM-B16, Half Hard plated Gold per MIL-G-45204 Type 2, Grade C, 10 μ In. Min. over Nickel, 100 μ In. Min. per QQ-N-290 Class 4. Or Tin per MIL-T-10727 Type I, 200 μ In. Min. over Nickel 100 μ In. Min.

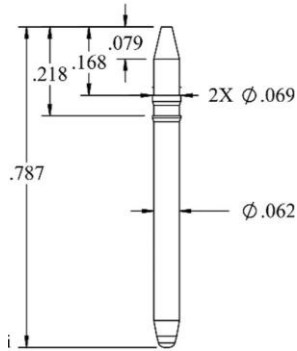
DIMENSIONS ARE IN INCHES

DIMENSIONAL TOLERANCES:
LENGTHS $\pm .005$ DIAMETERS $\pm .002$ ANGLES $\pm 2^\circ$

DRAWINGS NOT TO SCALE

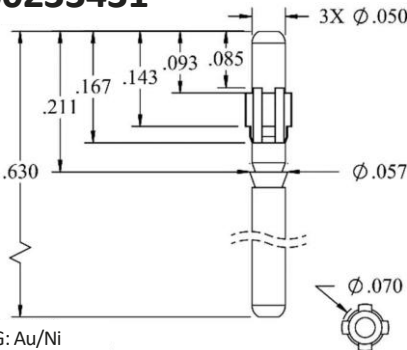


0213



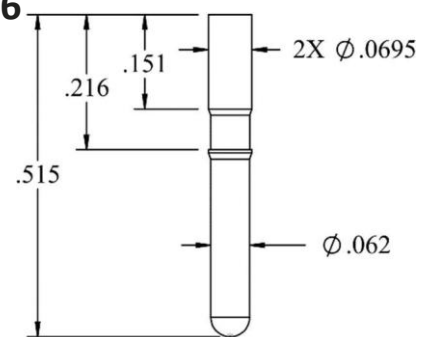
PLATING: Au/Ni
SHELL: BeCu

PH50233431



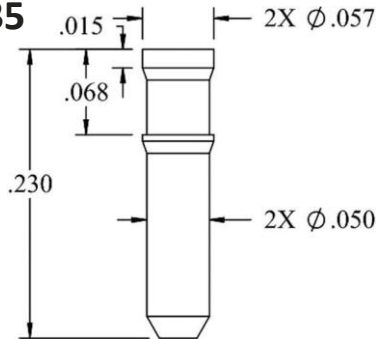
PLATING: Au/Ni
SHELL: BeCu

0216



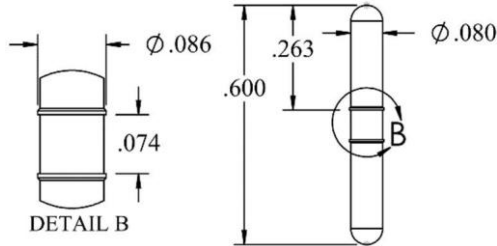
PLATING: Au/Ni
SHELL: Tellurium Copper Alloy C14500

0235



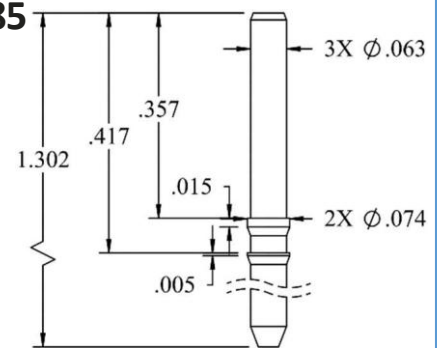
PLATING: 118 μ Sn/50 μ Ni
SHELL: BeCu

0256



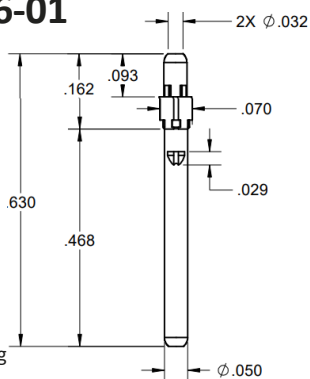
PLATING: Sn/Ni
SHELL: BeCu

0285



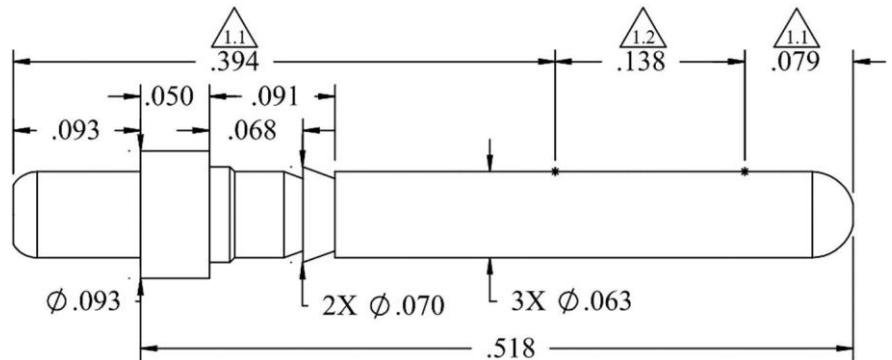
PLATING: Au/Ni
SHELL: BeCu

50-164726-01



PLATING: No Plating
SHELL: BeCu

0305

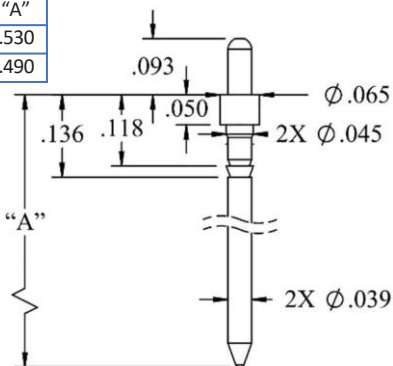


PLATING: Select Gold Plating

SHELL: 1.1 130 μ Sn/100 μ Ni

1.2 30 μ In Au/100 μ Ni

PART NO	"A"
0303	.530
0304	.490



PLATING: 10 μ Au/80 μ Ni
SHELL: BeCu

NOTES: UNLESS OTHERWISE SPECIFIED

SHELL / BODIES

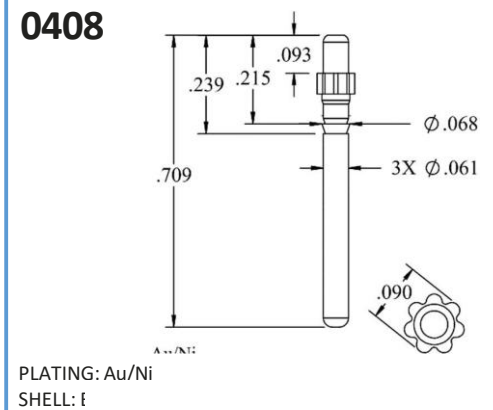
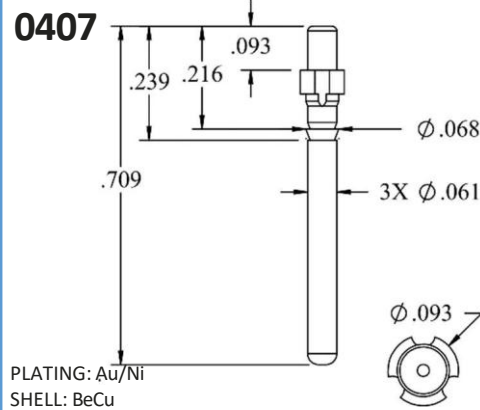
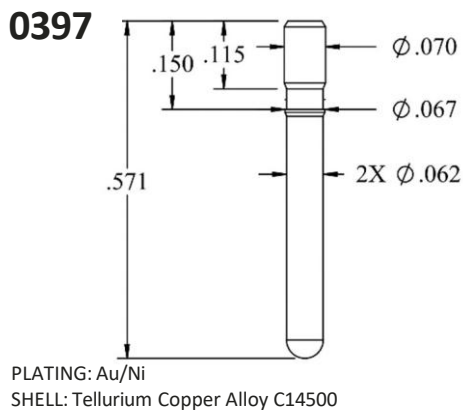
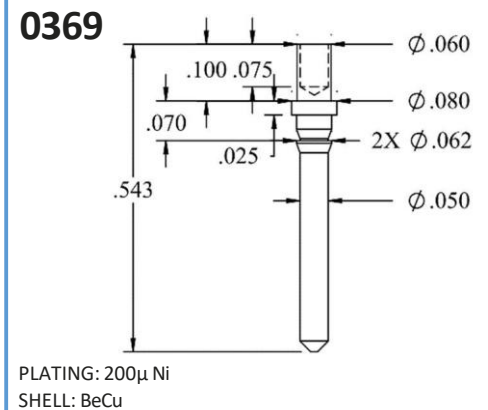
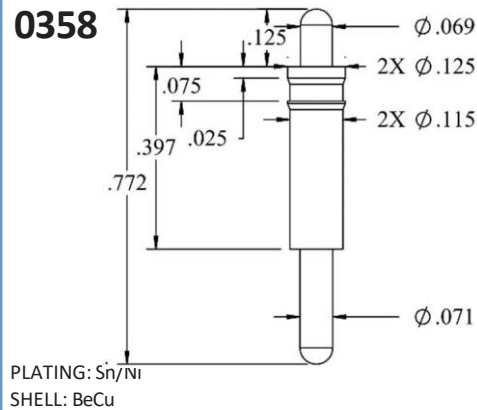
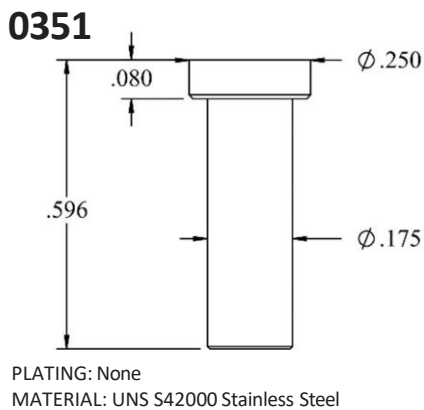
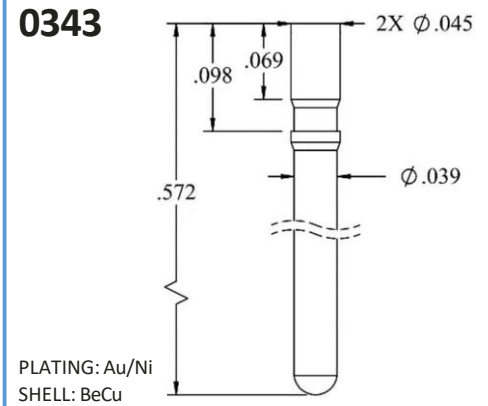
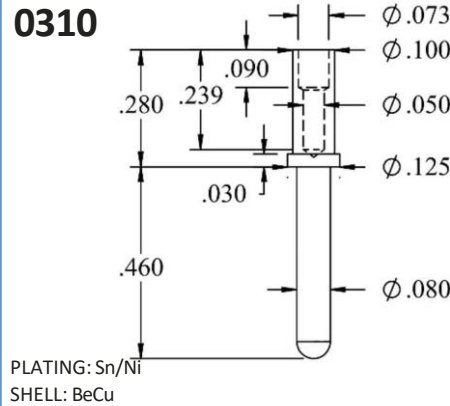
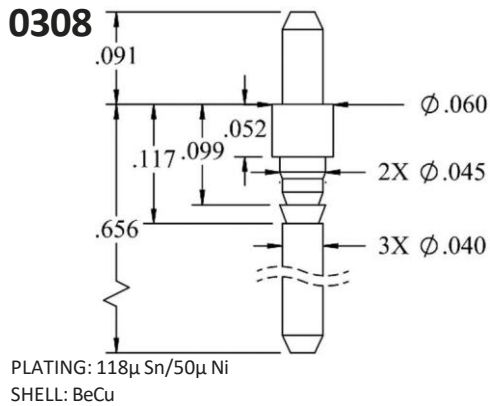
MATERIAL \ FINISH

BRASS ALLOY C36000 per ASTM-B16, Half Hard plated Gold per MIL-G-45204 Type 2, Grade C, 10 μ In. Min. over Nickel, 100 μ In. Min. per QQ-N-290 Class 4. Or Tin per MIL-T-10727 Type I, 200 μ In. Min. over Nickel 100 μ In. Min.

DIMENSIONS ARE IN INCHES

DIMENSIONAL TOLERANCES:
LENGTHS $\pm .005$ DIAMETERS $\pm .002$ ANGLES $\pm 2^\circ$

DRAWINGS NOT TO SCALE



NOTES: UNLESS OTHERWISE SPECIFIED

SHELL / BODIES

MATERIAL \ FINISH

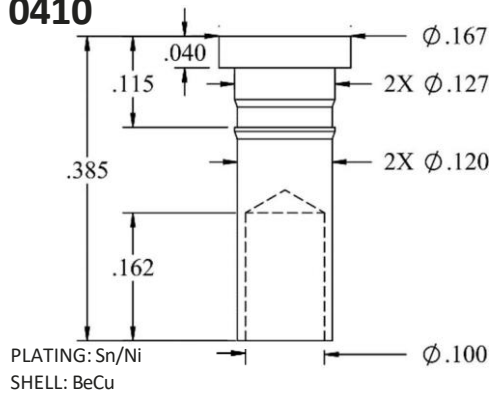
BRASS ALLOY C36000 per ASTM-B16, Half Hard plated Gold per MIL-G-45204 Type 2, Grade C, 10µ In. Min. over Nickel, 100µ In. Min. per QQ-N-290 Class 4. Or Tin per MIL-T-10727 Type I, 200µ In. Min. over Nickel 100µ In. Min.

DIMENSIONS ARE IN INCHES

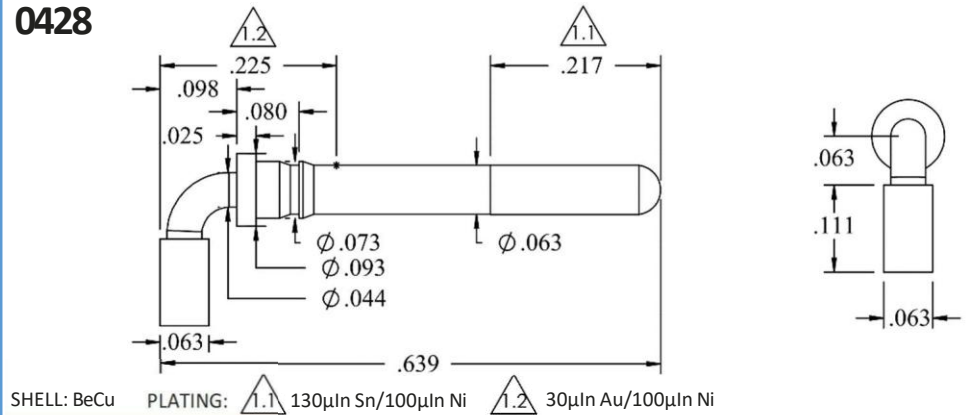
DIMENSIONAL TOLERANCES:
LENGTHS DIAMETERS ANGLES
±.005 ±.002 ±2°

DRAWINGS NOT TO SCALE

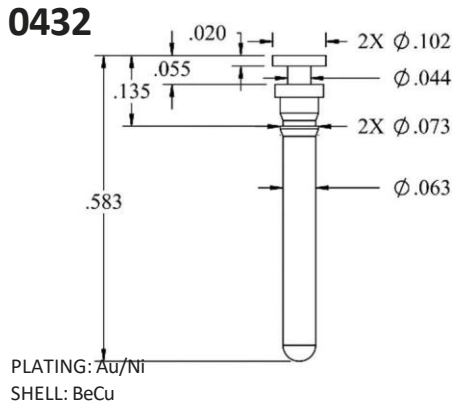
0410



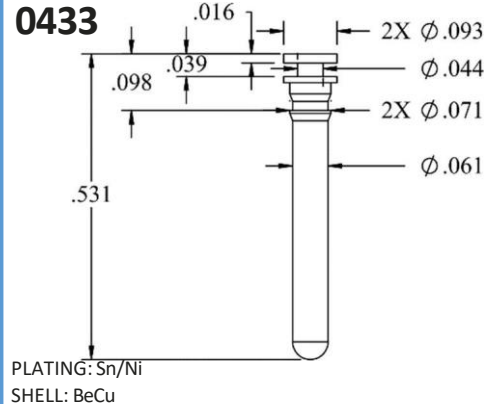
0428



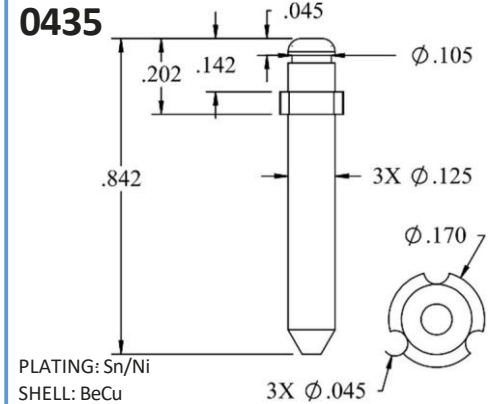
0432



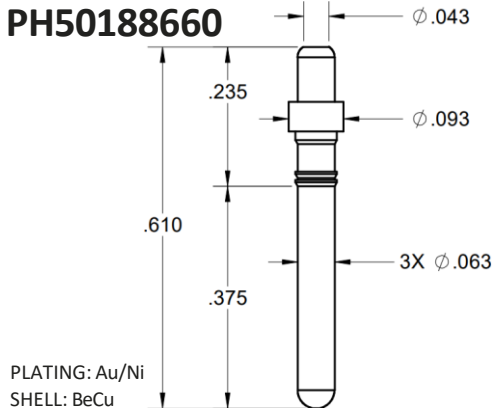
0433



0435



PH50188660



NOTES: UNLESS OTHERWISE SPECIFIED

SHELL / BODIES

MATERIAL \ FINISH

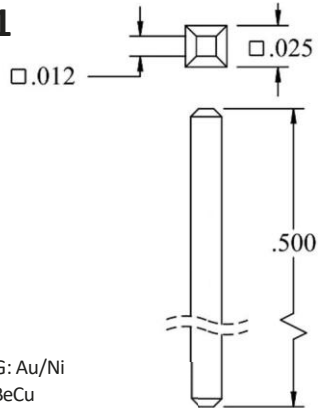
BRASS ALLOY C36000 per ASTM-B16, Half Hard plated Gold per MIL-G-45204 Type 2, Grade C, 10 μ In. Min. over Nickel, 100 μ In. Min. per QQ-N-290 Class 4. Or Tin per MIL-T-10727 Type I, 200 μ In. Min. over Nickel 100 μ In. Min.

DIMENSIONS ARE IN INCHES

DIMENSIONAL TOLERANCES:
LENGTHS DIAMETERS ANGLES
 $\pm .005$ $\pm .002$ $\pm 2^\circ$

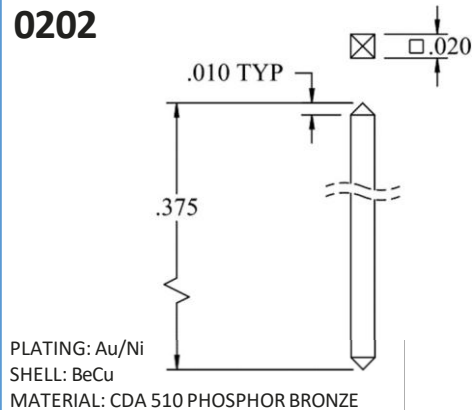
DRAWINGS NOT TO SCALE

0031



PLATING: Au/Ni
SHELL: BeCu

0202



PLATING: Au/Ni
SHELL: BeCu
MATERIAL: CDA 510 PHOSPHOR BRONZE

NOTES: UNLESS OTHERWISE SPECIFIED

SHELL / BODIES

MATERIAL \ FINISH

BRASS ALLOY C36000 per ASTM-B16, Half Hard plated Gold per MIL-G-45204 Type 2, Grade C, 10μ In. Min. over Nickel, 100μ In. Min. per QQ-N-290 Class 4. Or Tin per MIL-T-10727 Type I, 200μ In. Min. over Nickel 100μ In. Min.

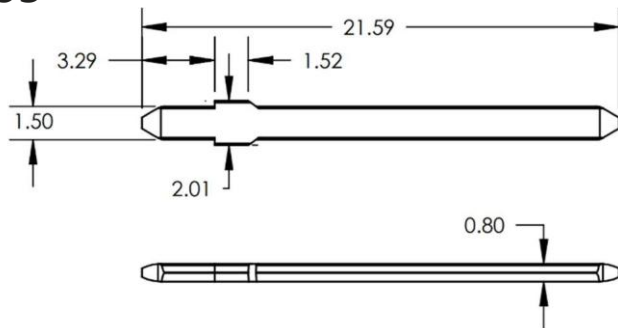
DIMENSIONS ARE IN INCHES

DIMENSIONAL TOLERANCES:

LENGTHS	DIAMETERS	ANGLES
±.005	±.002	±2°

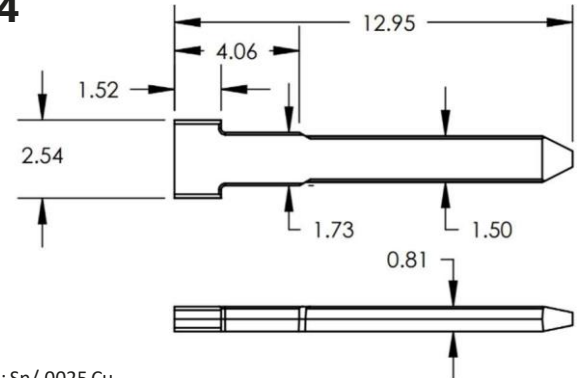
DRAWINGS NOT TO SCALE

0193



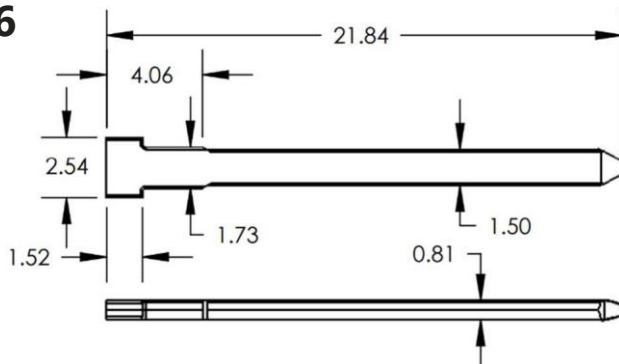
PLATING: Sn/Ni

0194



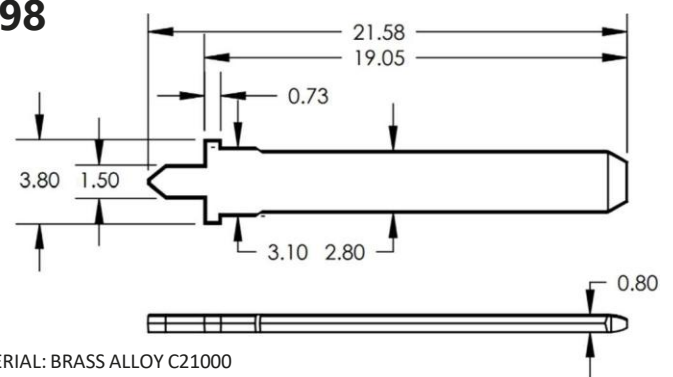
PLATING: Sn/.0025 Cu

0196



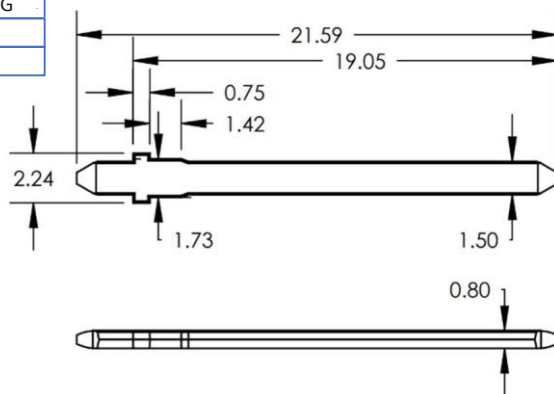
PLATING: Sn/.0025 Cu

0198

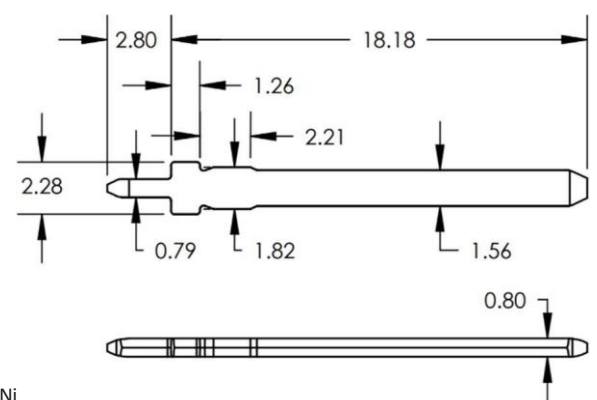


MATERIAL: BRASS ALLOY C21000
PLATING: Sn/Ni

PART NO	PLATING
0229	Sn/Ni
0431	Au/Ni



0230



PLATING: Sn/Ni

NOTES: UNLESS OTHERWISE SPECIFIED

SHELL / BODIES

MATERIAL \ FINISH

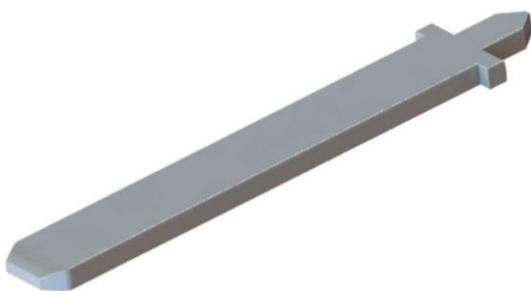
BRASS ALLOY C26000 per ASTM-B36, ¼ hard plated 0.0035 Electroplated Matte Tine over 0.0025 Nickel or plated 0.000254 Gold over 0.0025 Ni

Pins meet solderability requirements of IPC/EIA J-STD-002, Test A, Category 1

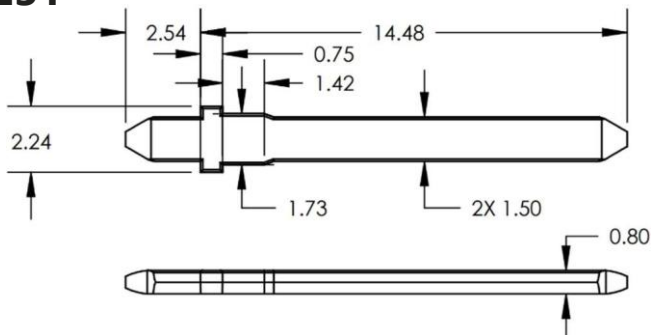
DIMENSIONS ARE IN
MILIMETERS

DIMENSIONAL TOLERANCES:
LENGTHS DIAMETERS ANGLES
±.013 ±.05 ±2°

DRAWINGS NOT TO SCALE

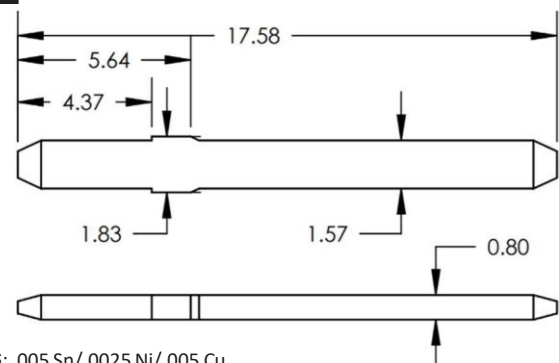


0231



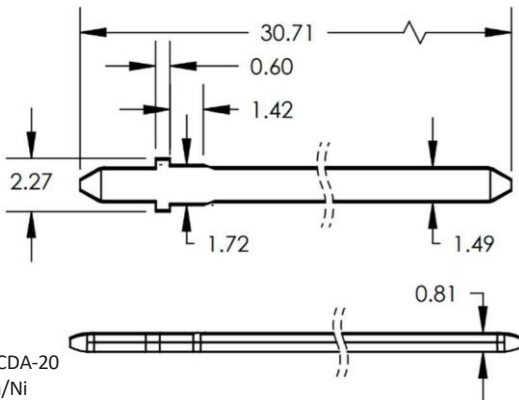
PLATING: Sn/Ni

0232



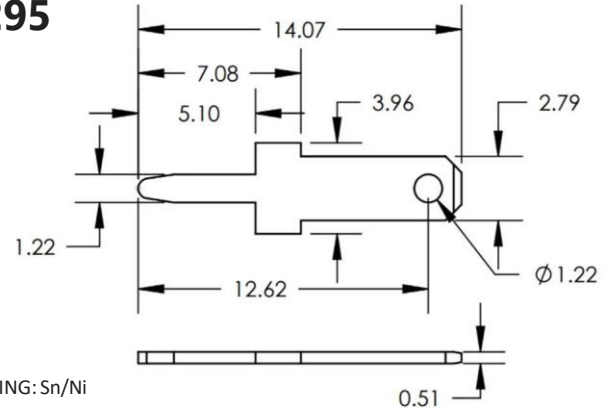
PLATING: .005 Sn/.0025 Ni/.005 Cu

0265



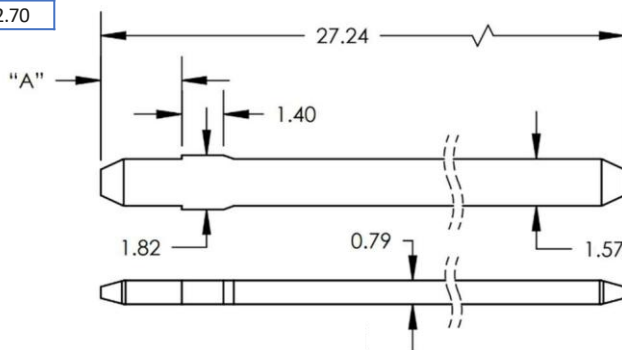
MATERIAL: CDA-20
PLATING: Sn/Ni

0295



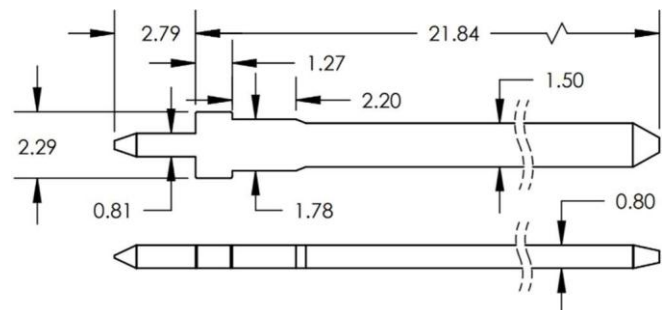
PLATING: Sn/Ni

PART NO	"A"
0296	3.55
0297	2.70



PLATING: 0.000762 Au/0.00127 Ni

PART NO	FINISH
0298	Sn/Ni
0299	.0005 Au/.0013 Ni



NOTES: UNLESS OTHERWISE SPECIFIED

SHELL / BODIES

MATERIAL \ FINISH

BRASS ALLOY C26000 per ASTM-B36, ¾ hard plated 0.0035 Electroplated Matte Tine over 0.0025 Nickel or plated 0.000254 Gold over 0.0025 Ni

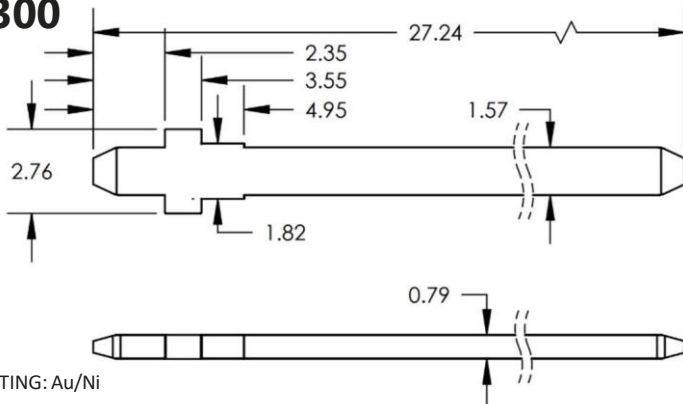
Pins meet solderability requirements of IPC/EIA J-STD-002, Test A, Category 1

DIMENSIONS ARE IN
MILIMETERS

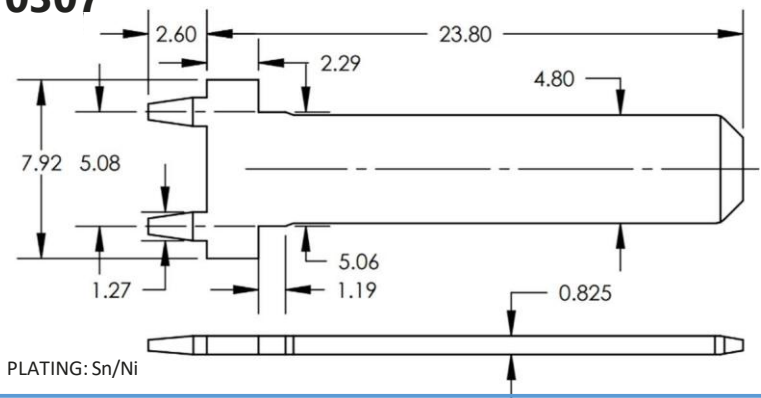
DIMENSIONAL TOLERANCES:
LENGTHS DIAMETERS ANGLES
±.013 ±.05 ±2°

DRAWINGS NOT TO SCALE

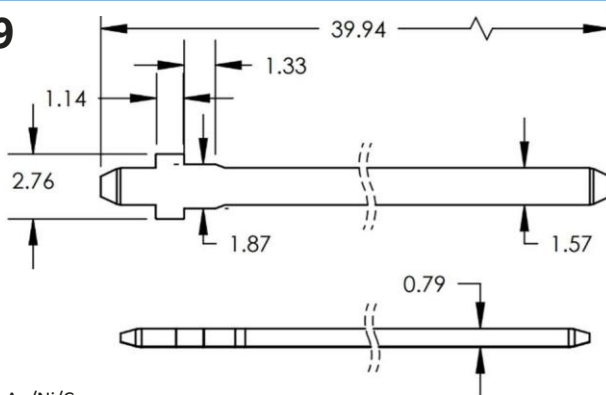
0300



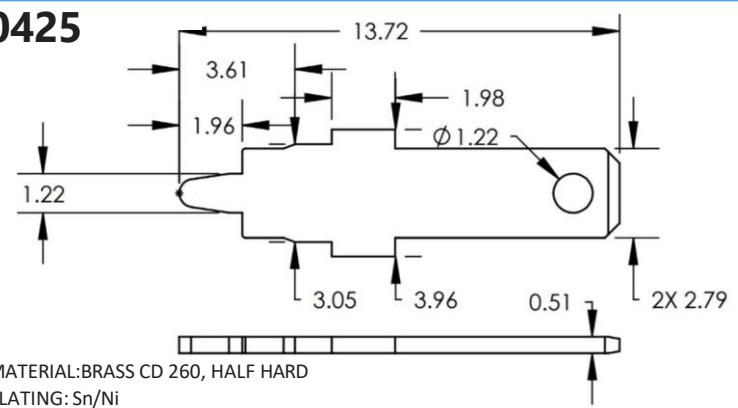
0307



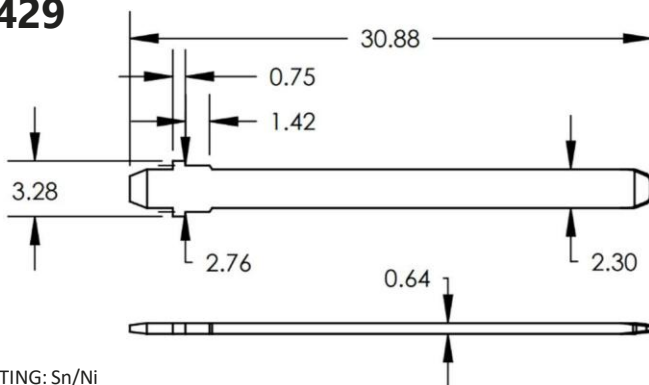
0409



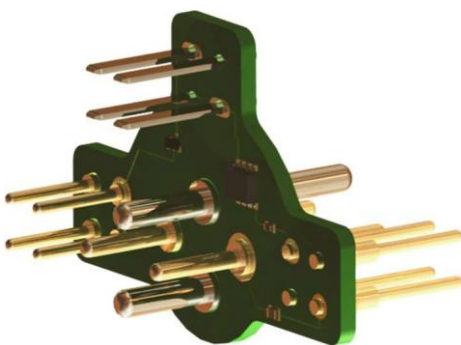
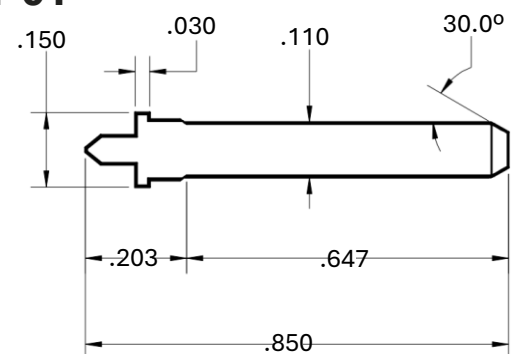
0425



0429



50-161004-01



NOTES: UNLESS OTHERWISE SPECIFIED

SHELL / BODIES

MATERIAL \ FINISH

BRASS ALLOY C26000 per ASTM-B36, ¼ hard plated 0.0035 Electroplated Matte Tine over 0.0025 Nickel or plated 0.000254 Gold over 0.0025 Ni

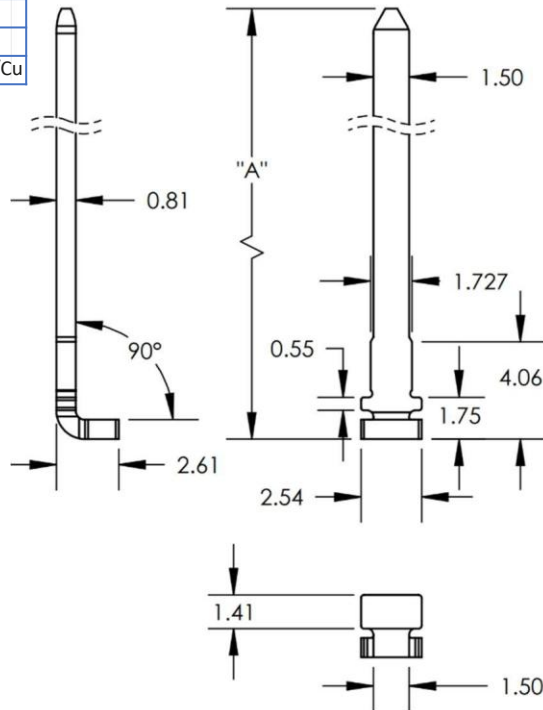
Pins meet solderability requirements of IPC/EIA J-STD-002, Test A, Category 1

DIMENSIONS ARE IN
MILIMETERS

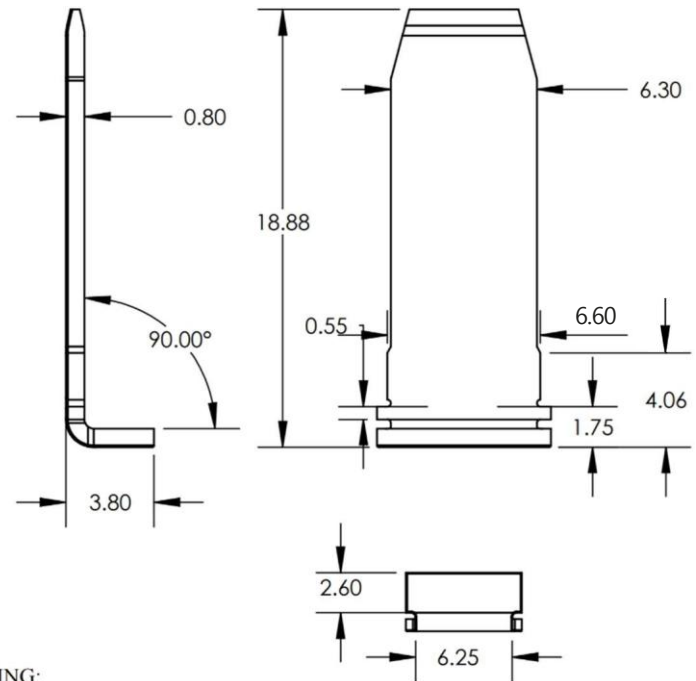
DIMENSIONAL TOLERANCES:
LENGTHS ± 0.13
DIAMETERS ± 0.05
ANGLES $\pm 2^\circ$

DRAWINGS NOT TO SCALE

PART NO	"A"	FINISH
0266	21.84	Au/Ni
0277	21.84	Sn/Ni
0279	16.55	Sn/Ni
0278	12.95	Sn/Ni
0434	12.95	Au/Ni
0430	18.01	Sn/Ni/Cu

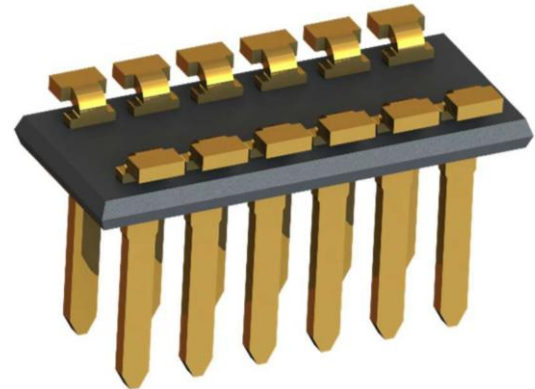


0426



PLATING:

PLATING: Sn/Ni/Cu



NOTES: UNLESS OTHERWISE SPECIFIED

SHELL / BODIES

MATERIAL \ FINISH

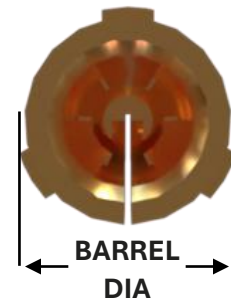
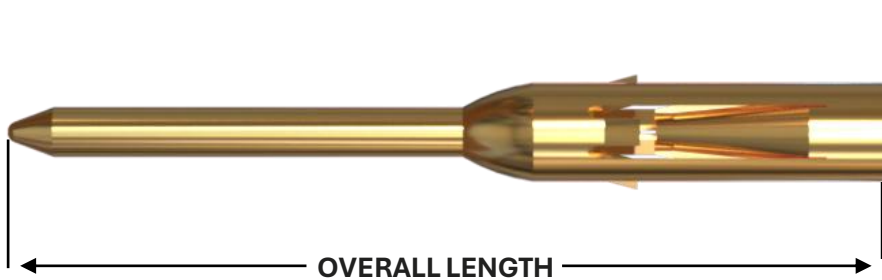
BRASS ALLOY C26000 per ASTM-B36, ¾ hard plated 0.0035 Electroplated Matte Tine over 0.0025 Nickel or plated 0.000254 Gold over 0.0025 Ni

Pins meet solderability requirements of IPC/EIA J-STD-002, Test A, Category 1

DIMENSIONS ARE IN
MILIMETERS

DIMENSIONAL TOLERANCES:
LENGTHS DIAMETERS ANGLES
±.013 ±.05 ±2°

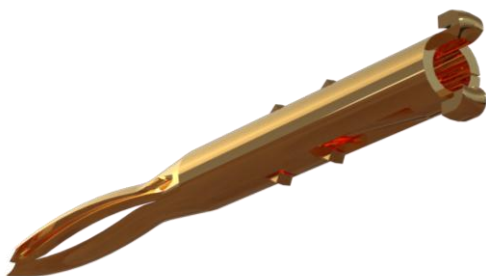
DRAWINGS NOT TO SCALE



PART NUMBER	FINGER CONTACT	BARREL DIAMETER (in)	OVERALL LENGTH (in)	TEST PIN	MAXIMUM INSERTION FORCE	MINIMUM WITHDRAWAL FORCE
838	4	0.053	0.315	.017 DIA	165 GM	45 GM
839	3	0.034	0.300	.018 DIA	25 Gm	10 GM
840	3	0.034	0.262	.018 DIA	25 GM	10 GM
23	3	0.034	0.285	.018 DIA	25 GM	10 GM
57	3	0.028	0.300	.012 SQ .014 DIA	42 GM	10 GM
37	3	0.028	0.220	.012 SQ .014 DIA	42 GM	10 GM
14	3	0.028	0.180	.012 SQ .014 DIA	42 GM	10 GM
11	3	0.028	0.250	.012 SQ .014 DIA	42 GM	10 GM



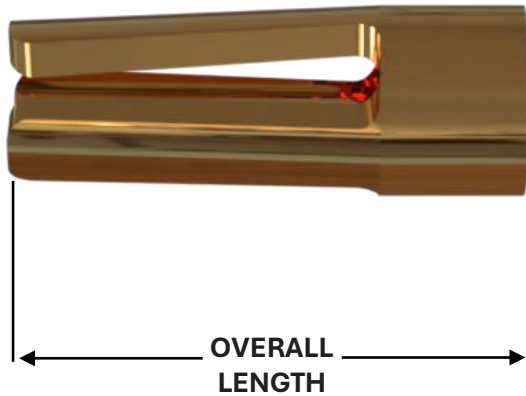
PART NUMBER	FINGER CONTACT	BARREL DIAMETER (in)	OVERALL LENGTH (in)	TEST PIN	MAXIMUM INSERTION FORCE	MINIMUM WITHDRAWAL FORCE
0437	2	0.035	.293	.012 DIA	42 GM	10 GM



NOTES: UNLESS OTHERWISE SPECIFIED

CONTACTS MATERIAL \ FINISH

Beryllium Copper, Alloy C17200 per ASTM-B194, heat treated, plated Gold per MIL-G-45204 Type 2, Grade C, Class 0, 30µIn. Min. or Class 00, 10µIn. Min., over Nickel per QQ-N-290 Class 4, 50µIn. Min.
Or; Tin per MIL-T-10727 Type I, 200µIn. Min over Nickel, 50µIn.



PART NUMBER	OUTSIDE DIAMETER (in)	OVERALL LENGTH (in)	OPERATING RANGE PIN DIA. (in)	TEST PIN DIAMETER (in)	MAXIMUM INSERTION FORCE	MINIMUM WITHDRAWAL FORCE
94	0.031	0.075	.015-.020	0.017	80 GM	15 GM
823	0.031	0.075	.015-.021	0.018	90 GM	14 GM
203	0.032	0.05	.015-.018	0.017	400 GM	100 GM
132	0.031	0.075	.015-.020	0.017	42 GM	14 GM
286	0.031	0.075	.015-.021	0.018	30 GM	10 GM
462	0.0235	0.065	.007-.013	0.011	30 GM	9 GM
311	0.0196	0.053	.006-.011	0.008	30 GM	10 GM

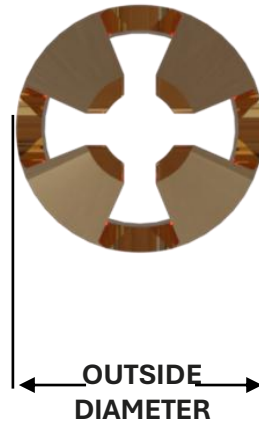
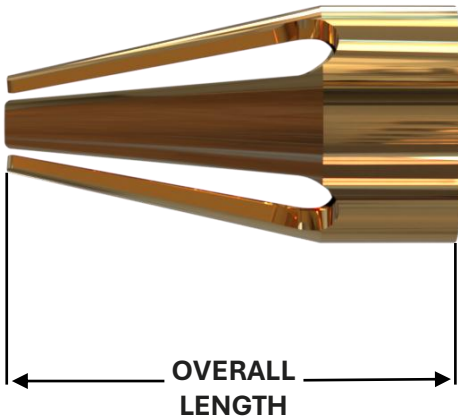


NOTES: UNLESS OTHERWISE SPECIFIED

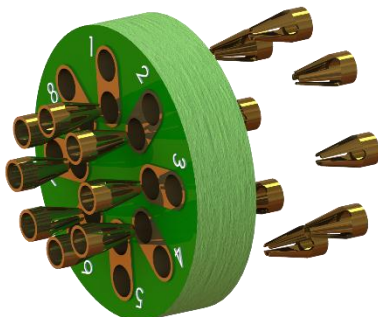
CONTACTS

MATERIAL \ FINISH

Beryllium Copper, Alloy C17200 per ASTM-B194, heat treated, plated Gold per MIL-G-45204 Type 2, Grade C, Class 0, 30µIn. Min. or Class 00, 10µIn. Min., over Nickel per QQ-N-290 Class 4, 50µIn. Min.
Or; Tin per MIL-T-10727 Type I, 200µIn. Min over Nickel, 50µIn.



PART NUMBER	OUTSIDE DIAMETER (in)	OVERALL LENGTH (in)	OPERATING RANGE PIN DIA. (in)	TEST PIN DIAMETER (in)	MAXIMUM INSERTION FORCE	MINIMUM WITHDRAWAL FORCE
42	0.044	0.065	.015-.022	0.018	135 GM	25 GM
822	0.044	0.065	.015-.022	0.018	260 Gm	55 GM
824	0.044	0.065	.015-.022	0.018	520 GM	120 GM
825	0.044	0.083	.015-.022	0.018	45 GM	15 GM
137	0.044	0.083	.015-.025	0.017	270 GM	90 GM
826	0.044	0.083	.015-.025	0.018	675 Gm	200 GM
827	0.053	0.117	.022-.032	I - 0.026 W - 0.024	385 GM	50 GM
828	0.069	0.15	.036-.050	0.040 / 0.030	325 GM / 55 GM	60 GM / 15 GM
291	0.08	0.15	.040-.059	I - 0.05 W 0.04	375 GM	35 GM
829	0.064	0.095	.032-.045	0.04	5 LB	200 GM
830	0.0635	0.12	.032-.046	0.041 / 0.039	350 GM	55 GM
831	0.064	0.12	.032-.045	I - 0.04 W - 0.035	2.25 LB	110 GM
365	0.088	0.124	.048-.064	I - 0.06 W - 0.05	440 GM	60 GM
292	0.108	0.148	.065-.082	I - 0.074 W - 0.072	3 LB	230 GM

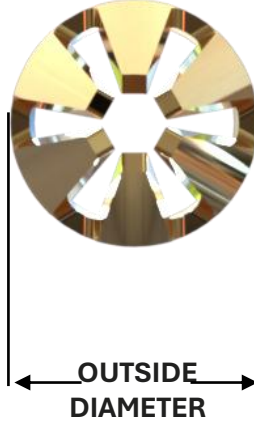
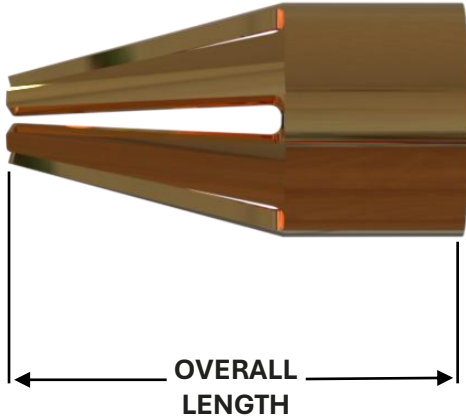


NOTES: UNLESS OTHERWISE SPECIFIED

CONTACTS

MATERIAL \ FINISH

Beryllium Copper, Alloy C17200 per ASTM-B194, heat treated, plated Gold per MIL-G-45204 Type 2, Grade C, Class 0, 30µIn. Min. or Class 00, 10µIn. Min., over Nickel per QQ-N-290 Class 4, 50µIn. Min.
Or; Tin per MIL-T-10727 Type I, 200µIn. Min over Nickel, 50µIn.



PART NUMBER	OUTSIDE DIAMETER (in)	OVERALL LENGTH (in)	OPERATING RANGE PIN DIA. (in)	TEST PIN DIAMETER (in)	MAXIMUM INSERTION FORCE	MINIMUM WITHDRAWAL FORCE
309	0.028	0.06	0.012 - 0.017	0.015	250GM	42GM
452	0.031	0.06	0.012-0.019	0.015	60GM	15GM
832	0.044	0.062	0.015-0.023	0.017	150GM	40GM
833	0.044	0.062	0.015-0.023	0.017	120GM	20GM
834	0.044	0.083	0.015-0.026	0.017	90GM	25GM
329	0.044	0.083	0.015-0.026	0.018	42GM	15GM
835	0.044	0.083	0.015-0.026	0.018	20GM	10GM
284	0.05	0.083	0.025-0.035	0.026	140GM	25GM
836	0.052	0.083	0.025-0.037	0.026	375GM	100GM
837	0.052	0.083	0.025-0.037	0.026	125GM	40GM
366	0.055	0.065	0.037-0.043	0.04	160GM	50GM
455	0.068	0.085	0.04-0.05	0.04	300GM	75GM
457	0.1235	0.12	0.084-0.102	0.093	600GM	150GM

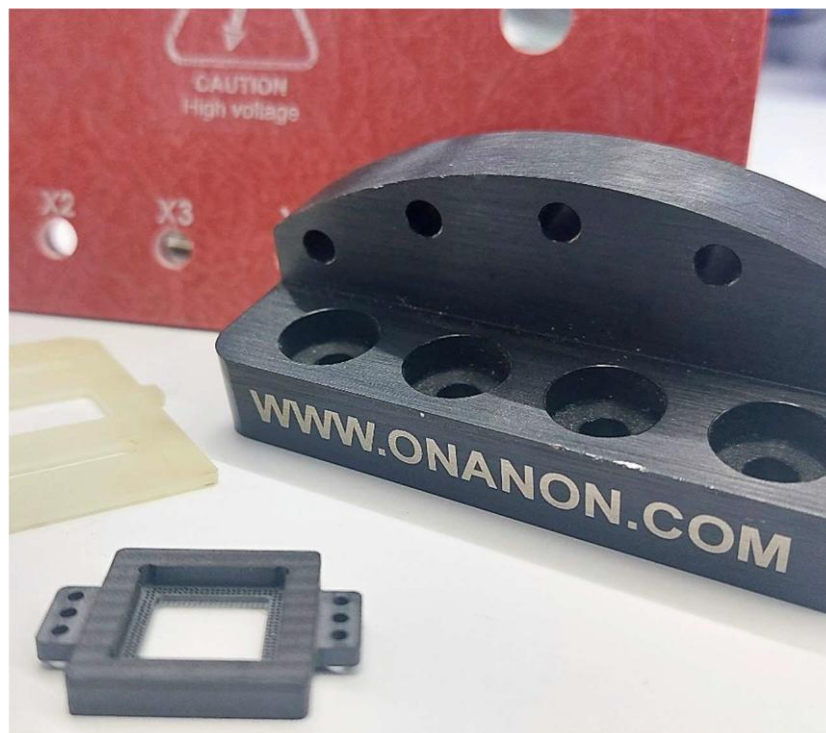
NOTES: UNLESS OTHERWISE SPECIFIED

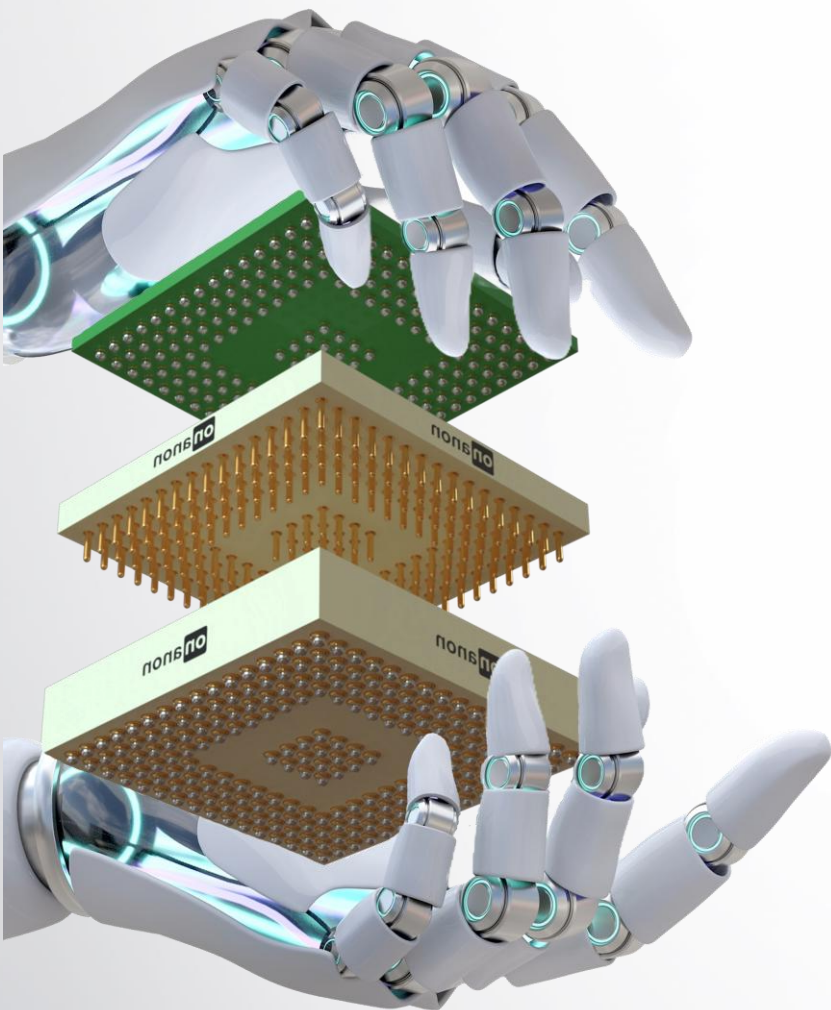
CONTACTS MATERIAL \ FINISH

Beryllium Copper, Alloy C17200 per ASTM-B194, heat treated, plated Gold per MIL-G-45204 Type 2, Grade C, Class 0, 30µIn. Min. or Class 00, 10µIn. Min., over Nickel per QQ-N-290 Class 4, 50µIn. Min. Or; Tin per MIL-T-10727 Type I, 200µIn. Min over Nickel, 50µIn.

ABS – Acrylonitrile Butadiene Styrene	MC® 907 Natural
Acetal	Meldin®
Acetron GP	Micarta®
Acetate	Mylar®
Acrylic	Nylatron® GS
Celazole	Nylatron GM Blue
Celcon® – Acetac Co-Polymer	Nylatron GSM
Cellulose Acetate	Nylon 101
Cirlex®	Nylon 6/6
Copper Clad Laminates	Orkot®
CPVC – High Temperature PVC	Phenolic
Delrin®	Line Phenolic
Delrin® Acetal	Paper Phenolic
Delrin® AF Blend	PC 1000 Polysulfone
Duratron® 150	PET
Duratron® XP	Plexiglas®
Ertalyte® PET-P	Polycarbonate
Ertalyte® TX	Polyimide
FEP – Fluorinated Ethylene Propylene	Polyphthalamide
Fluoroglas®	Polypropylene
Fluorosint® 207 PTFE	Polyshell – 01 (Virgin PTFE)
Fluorosint® 500 PTFE	Polyshell – 02 (Premium PTFE Blue)
FR-4 / IPC-4101	Polyshell – 03 (Graphite Filled PTFE)
G10	Polyshell – 04 (Carbon/Graphite Filled PTFE)
G11	Polyshell – 05 (Carbon/Graphite Filled PTFE)
Haylar®	Polyshell – 06 (Glass/Moly Filled PTFE)
HDPE (High Density Polyethylene)	Polyshell – 07 (Glass/Moly Filled PTFE)
Hydar®	Polyshell – 08 (UHMWPE)
Kapton®	Polyshell – 09 (Filled PTFE)
Kel-F® (Polychlorotrifluoroethylene)	Polyshell – 10 (Filled PTFE)
Ketron® PEEK HPV	Polyshell – 11 (Premium PTFE White FDA)
Ketron® PEEK 1000	Polyshell – 12 (Virgin PEEK)
Ketron® PEEK 30% Glass Filled	Polyshell – 13 (Glass Filled PTFE)
Ketron® PEEK CA30	Polystyrene
Ketron® PEEK HT	Polysulfone
Kydex®	Polyurethane
Kynar®	PVC (Polyvinylchloride)
LDPE (Low Density Polyethylene)	Radel R
Lexan®	Rexolite®
MC® 901 Blue	Rulon® LR

Rulon® J	Turcite®
Ryton® PPS 40% Glass Filled	Tygon®
Ryton® PPS Bearing Guide	UHMW – Ultra High Molecular Weight
Semitron® ESD 225	Ultem 1000
Semitron® ESD 410C	Ultem 2300
Semitron® ESD 520 HR	Vespel® SP-1
Techtron® HPV	Vespel® SP-21
Techtron® PPC	Vespel® SP -211
Techtron CM PPS	Vespel® SP-22
Teflon®	Vespel® SP-3
Teflon® Glass Filled	Vespel® TP-2236
Teflon® Graphite Filled	Vespel® TP-2875
Teflon® Bronze Filled	Vespel® TP-8311
Teflon® Molybdenum Disulfide Filled	Vespel® CR-6100
Tefzel®	Vespel® CR-6200
Torlon® 4203	Vespel® CR-6300
Torlon® 4301	Vespel® CR-6500
Torlon® 4501	Vespel® CP-8000
Torlon® 4503	Vespel® CP-8001
Torlon® 5530	Vespel® CP-8002
Tivar®	Vespel® ABS-5000
Tuffak® – Polycarbonate	Zelux®





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