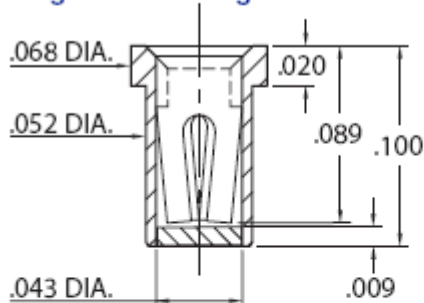




Product Number: 4015-0-43-80-30-84-10-0

With Organic Fibre Plug® Solder Barrier



Description:

4015 - Organic Fibre Plug
Receptacle
Accepts .015-.025 diameter leads.

Packaging:

Packaged in Bulk

4015-0-XX-XX-30-XX-10-0

Solder mount in $\varnothing.057 \pm .003$ PTH.

#30 Contact for $\varnothing.015$ -.025 pins.

Also available on 8mm wide carrier
tape: 5,500 parts per 13" reel.

Mill-Max Part Number	Shell Plating	Contact Plating	RoHS Compliant
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4015-0-43-80-30-84-10-0 200 - 300 μ " Tin (matte finish) over Nickel 100 - 200 μ " Tin (matte finish) over Nickel



CONTACT:

Contact Used: #30, Standard 4 Finger Contact

Current Rating = 3 Amps

BERYLLIUM COPPER ALLOY 172 (UNS C17200) per
ASTM B 194

Properties of BERYLLIUM COPPER:

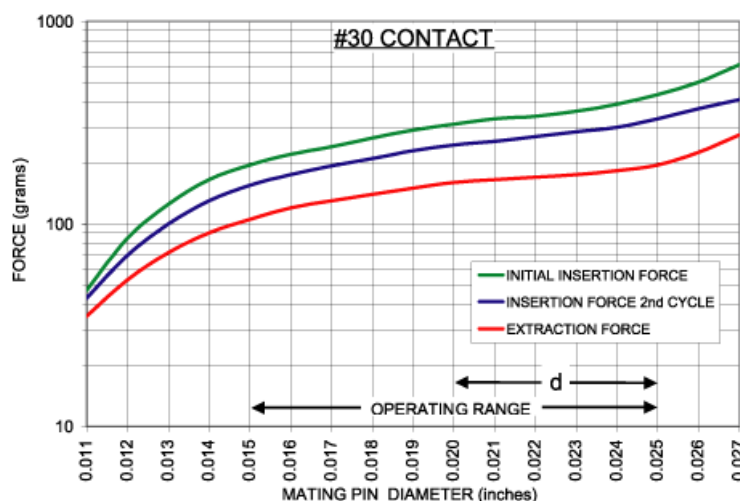
- Chemical composition: Cu 98.1%, Be 1.9%
- Temper as stamped: TD01

Properties after heat treatment (TH01):

- Hardness: 36-43 Rockwell C
- Mechanical Life: 100 Cycles Min.
- Density: .298 lbs/in³
- Electrical Conductivity: 22% IACS*
- Resistance: 10 miliohms Max
- Operating Temperature: -55°C/+125°C
- Melting point: 980°C/865°C (liquidus/solidus)
- Stress Relaxation†: 96% of stress remains after 1,000 hours @ 100 °C ; 70% of stress remains after 1,000 hours @ 200 °C

*International Annealed Copper Standard, i.e. as a % of pure copper.

†Since BeCu loses its spring properties over time at high temperatures; it is rated for continuous use up to 150°C. For applications up to 300°C, Mill-Max offers many contacts in Beryllium Nickel. Contact Tech Support for more info.



SHELL MATERIAL:

BRASS ALLOY (UNS C36000) per ASTM B 16

Properties of BRASS ALLOY:

- Chemical composition: Cu 61.5%, Zn 35.4%, Pb 3.1%†
- Hardness as machined: 80-90 Rockwell B
- Density: .307 lbs/in³
- Electrical conductivity: 26% IACS*
- Melting point: 900°C/885°C (liquidus/solidus)

†(3 to 4% lead is used to permit "free machining" and is permitted by EC Directive 2002/95Annex 6; so all pin materials are RoHS compliant)

*International Annealed Copper Standard, i.e. as a % of pure copper.