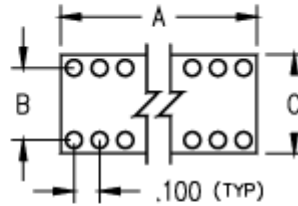
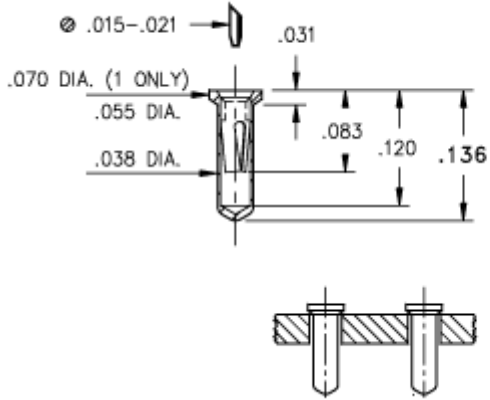




Product Number: 694-93-624-00-671000



**Description:**

DIP Carrier  
 Disposable Metal Carrier  
 with Ultra Low Profile Receptacles  
 Closed Frame  
 Through Hole  
 Accepts .015-.021" Leads

**Plating Code:**

93

**Shell Plating:**

200 μ" Tin/Lead(93/7) over 100 μ" Nickel

**Inner Contact Plating:**

30 μ" Gold over 50 μ" Nickel

**Packaging:**

Packaged in Tubes

# Of Pins	A	B	C	Qty. per Tube	Mill-Max Part Number	RoHS Compliant
24	1.2	0.6	0.7	16	694-93-624-00-671000	NO

**CONTACT:**

Contact Used: #11, Standard 3 Finger Contact

**Current Rating = 3 Amps**

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

**Properties of BERYLLIUM COPPER:**

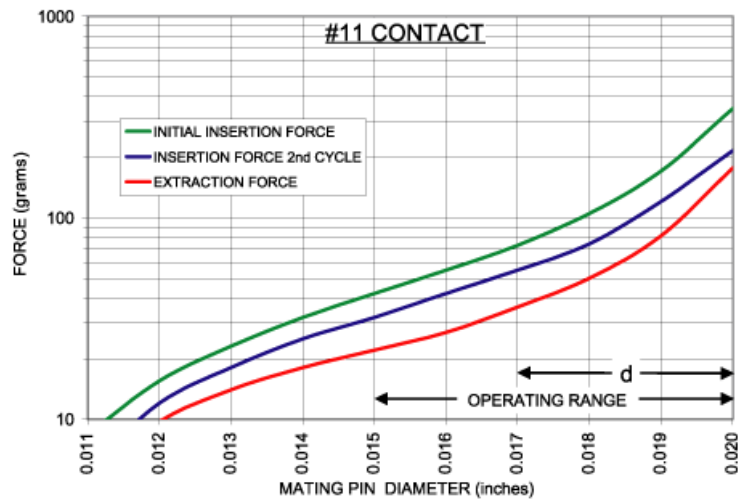
- Chemical composition: Cu 98.1%, Be 1.9%
- Temper as stamped: TD01

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.



**LOOSE PIN:**

Loose Pin Used: 0442

**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/in<sup>3</sup>
- 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.

**INSULATOR INFORMATION:**