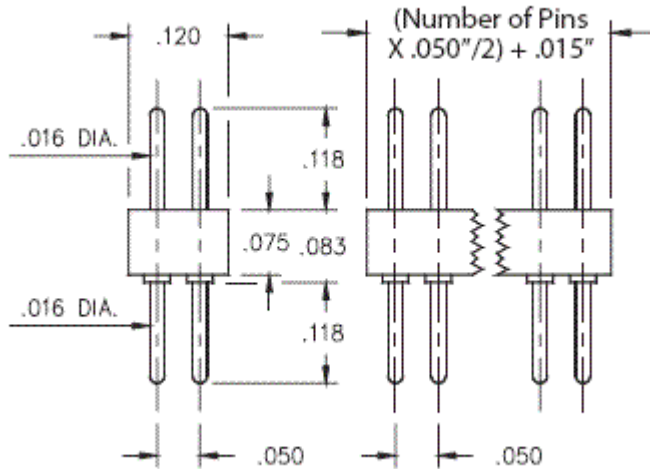


**Product Number: 852-10-026-10-001000**



**Description:**


Interconnect Header  
 .050 Grid; Straight Pin Header  
 Double Row  
 Through Hole

**Plating Code:**

10

**Shell Plating:**

10 μ" Gold over 100 μ" Nickel

# Of Pins	Mill-Max Part Number	RoHS Compliant
26	852-10-026-10-001000	

**LOOSE PIN:**

Loose Pin Used: 4006

**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:**

**PCT Polyester, (Thermx CG933, black)**

High Temperature

**Properties of PCT Polyester:**

- Brand: Thermx

- Grade: CG-933
- Rated voltage: 100 VRMS/150 VDC
- Insulation resistance: 10,000 Megaohms min.
- Material Heat Deflection Temp (per ASTM D 648): 529°F (276°C) @ 66 psi
- Dielectric strength: 1000 VRMS min. (700 VRMS min. for series 117 Shrink DIP)

Note: Materials above 446°F (230°C) are considered suitable for "eutectic" reflow soldering, above 500°F (260°C) for "lead-free" reflow soldering.