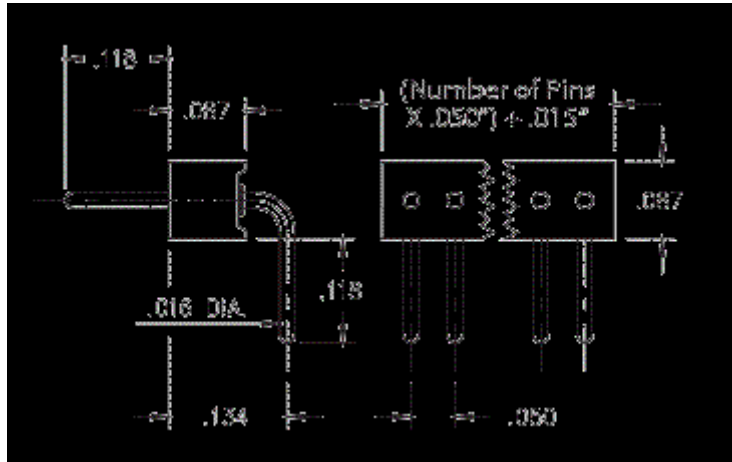


Product Number: 850-10-029-20-001000



No. of Pins: 29

RoHS Compliant: Yes

Description: Interconnect Header
 .050 Grid; Right Angle Pin Header
 Single Row
 Through Hole

Plating Code: 10

Shell Plating: 10 μ" Gold over 100 μ" Nickel

LOOSE PIN: Pin Used: 4006 (Brass Alloy)

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.

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.