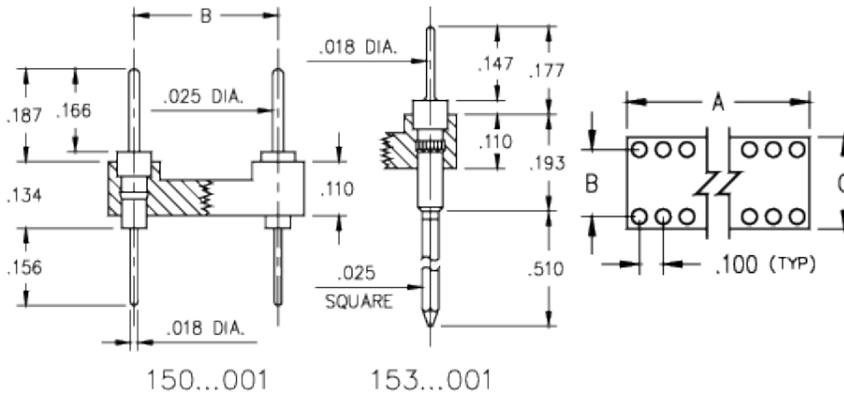


**Product Number: 150-10-632-00-001000**



**Description:**  
 DIP Header  
 Standard Header  
 Solder Tail  
 Open Frame  
 Through Hole  
**Plating Code:**  
 10  
**Shell Plating:**  
 10 μ" Gold over 100 μ" Nickel  
**Packaging:**  
 Packaged in Tubes

# Of Pins	A	B	C	Qty. per Tube	Mill-Max Part Number	RoHS Compliant
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32	1.6	0.6	0.7	12	150-10-632-00-001000	
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**LOOSE PIN:**

Pin Used: 0290 (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/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.