

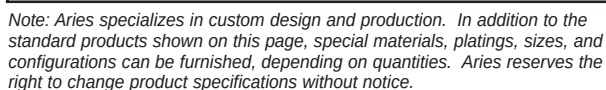


- This female DIP strip is used in conjunction with Aries' Shorting Plug SP200, available separately, for your programming needs.
- "Break" feature allows strips to be cut to the number of positions desired.

- Body material is black UL 94V-0 Glass-filled 4/6 Nylon.
- Pin body is Brass Alloy 360 1/2 hard per UNS C36000 ASTM-B16-00.
- Pin body plating:
 - 10 = 200μ [5.08μm] min. Tin per ASTM B545 Type 1 over 100μ [2.54μm] min. Nickel per SAE-AMS-QQ-N-290.
 - 10TL = 200μ [5.08μm] min. 93/7 Tin/Lead per MIL-P-81728 over 100μ [2.54μm] min. Nickel per SAE-AMS-QQ-N-290.
- 4-fingered collet contact is Beryllium Copper Alloy per UNS C17200 ASTM-B194-01.
- Collet contact plating is 30μ [.76μm] min. Gold per MIL-G-45204 over 50μ [1.27μm] min. Nickel per SAE-AMS-QQ-N-290.
- Contact current rating=8 Amps.
- Operating temperature= -67° to 221°F [-55° to 105°C].
- Insertion Force=240 grams/pin; Withdrawal Force=130 grams/pin; Normal Force=210 grams/pin; based on a .040 [1.02] diameter test lead.
- Accepts leads .032-.047 [.81-1.19] in diameter, .130-.180 [3.30-4.56] long.

MOUNTING CONSIDERATIONS:

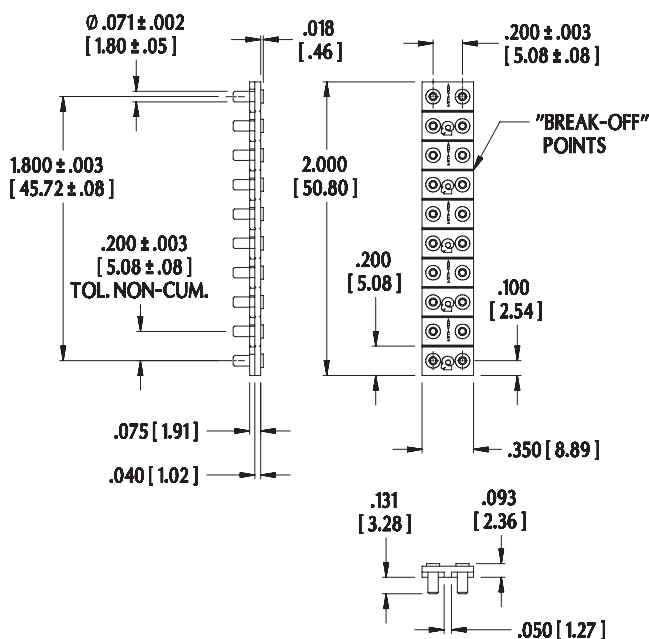
- Suggested PCB hole size=.081 ± .002 [2.03 ± .05] dia.



XX - F40 - 10 XX

No. of Pins: 2 - 20 (<i>even # only</i>) Ex. 02 = 2 pins 14 = 14 pins	Series	Plating Option: TL = Tin/Lead
	Tin Plating	

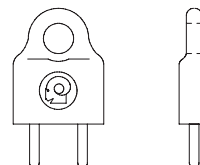
All tolerances $\pm .005$ [.13]
unless otherwise specified



Technical drawing of a tapered roller bearing cross-section. The drawing shows the internal structure with rollers and a cage. Dimensions are provided in millimeters (mm) with tolerances in brackets.

- Outer diameter: $\varnothing.090 \pm .002$ [2.29 $\pm$.05]
- Inner diameter: $\varnothing.071 \pm .002$ [1.80 $\pm$.05]
- Roller diameter: .120 [3.05]
- Roller length: .180 [4.56]

Consult Data Sheet No.
16007 for thru-hole
male DIP strips.



Mates with Aries' Shorting
Plugs, Part No. **SP200**.
Consult Data Sheet No.
16009 for details.

16008
REV. E