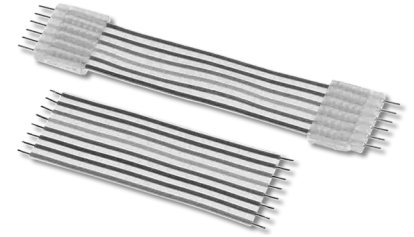




# Series 152, 156, and 157 In-Line Jumpers on 0.100 [2.54] Centers

## FEATURES

- Au-plated End Connectors with Solid Brass Pins on 0.100 [2.54] Centers
- Available Single-ended (Series 156), Double-ended (Series 157), or Bare-ended (Series 152)
- Reliable, Electronically-tested Solder Connections
- Easy Identification and Tracing with 10-color Cable



## GENERAL SPECIFICATIONS

- **HOUSING:** natural UL 94-HB Nylon 6/6
- **HEADER PINS:** Brass, 1/2-hard
- **PIN PLATING:** 10μ [0.25μ] min. Au per MIL-G-45204 over 50μ [1.27μ] min. Ni per SAE AMS-QQ-N-290B
- **CABLE INSULATION:** UL Style 1061 Polyvinyl Chloride (PVC), semi-rigid
- **LAMINATE:** clear PVC, Self-extinguishing
- **CONDUCTORS:** 26-AWG, 7/34-strand, tinned Cu per ASTM B 33 Series 152 Conductors are not pre-tinned. Consult factory for pre-tinned, bare-ended jumpers
- **CABLE CURRENT RATING:** 1 amp at 10°C [50°F] above ambient
- **CABLE VOLTAGE RATING:** 300V
- **CABLE TEMPERATURE RATING:** 176°F [80°C]

## MOUNTING CONSIDERATIONS

- **SUGGESTED PCB HOLE SIZE:** 0.033 ±0.002 [0.86 ±0.05] dia.

## ORDERING INFORMATION

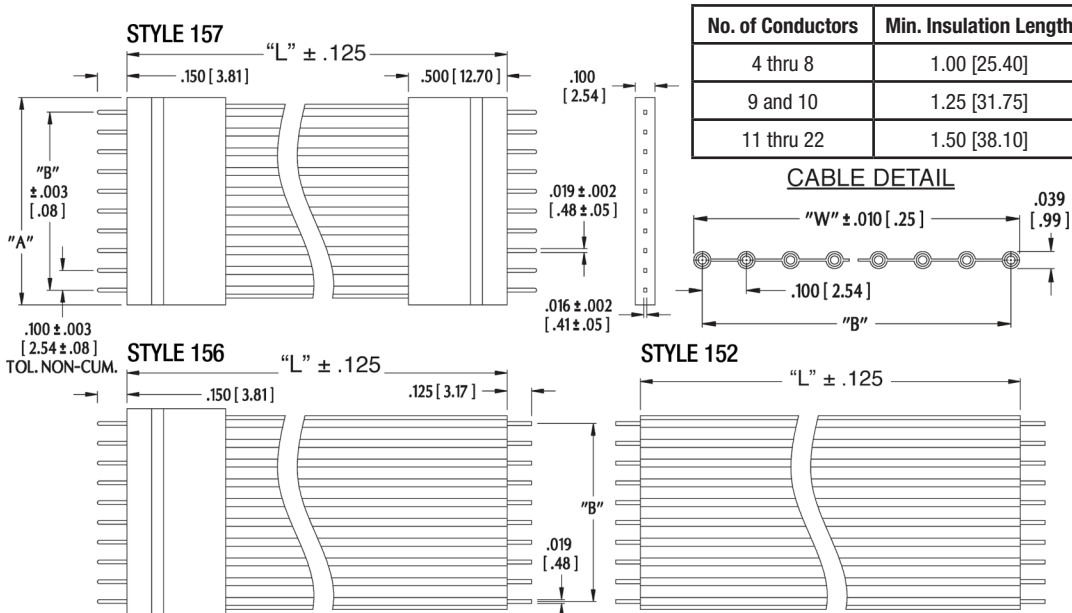
**XX-XXX-XXX**

Series  
 156 = Single-ended\*  
 157 = Double-ended\*  
 152 = Bare-ended

Cable Length "L" (inches)  
 1.00" = 001 (min)  
 1.25" = 001.25  
 1.50" = 001.5  
 Etc.

No. of Conductors  
 (4 thru 8)

\* Not Available in RoHS



"A" = (NO. OF CONDUCTORS x 0.100 [2.54]) + 0.040 [1.02]  
 "B" = (NO. OF CONDUCTORS - 1) x 0.100 [2.54]  
 "W" = (NO. OF CONDUCTORS x 0.100 [2.54]) - 0.020 [0.51]

ALL DIMENSIONS: INCHES [MILLIMETERS]  
 ALL TOLERANCES: ±0.005 [0.13] UNLESS OTHERWISE SPECIFIED  
 FOR PRE-TINNED, BARE-ENDED JUMPERS, CONSULT FACTORY  
 CONSULT FACTORY FOR OTHER SIZES AND CONFIGURATIONS

CUSTOMIZATION: ARIES SPECIALIZES IN CUSTOM DESIGN AND PRODUCTION. SPECIAL MATERIALS, PLATINGS, SIZES, AND CONFIGURATIONS CAN BE FURNISHED, DEPENDING ON QUANTITY.  
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