



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]

ORDERING INFORMATION

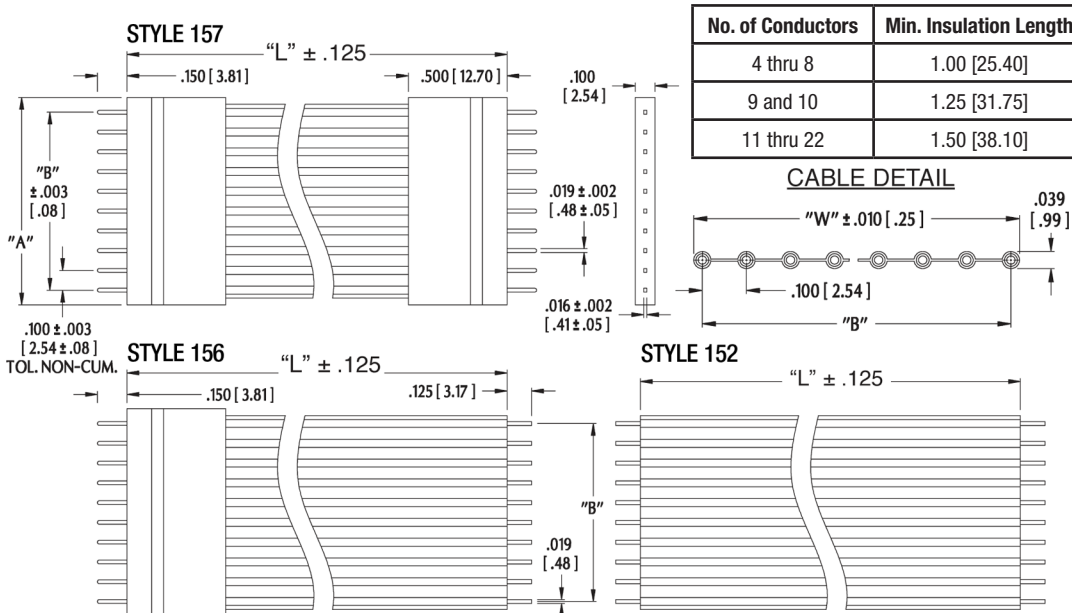
XX-XXX-XXX

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.

MOUNTING CONSIDERATIONS

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



* 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.
 ARIES RESERVES THE RIGHT TO CHANGE PRODUCT GENERAL SPECIFICATIONS WITHOUT NOTICE
 PRINTOUTS OF THIS DOCUMENT MAY BE OUT-OF-DATE AND SHOULD BE CONSIDERED UNCONTROLLED



2609 Bartram Road • Bristol, PA 19007-6810 USA
 TEL 215-781-9956 • FAX 215-781-9845
 WWW.ARIESELEC.COM • INFO@ARIESELEC.COM

