Series 115, 116, 117
DIP-ER™ Logic Jumper

FEATURES

- Wide Array of DIP Jumper Configurations and Wiring Possibilities
- Reliable, Electronically-tested Solder Connections
- Strain Relief by Ultrasonically-welded Protective Covers
- Easy Identification and Tracing with 10-color Cable
- Point-to-point Wiring



GENERAL SPECIFICATIONS

- **HEADER BODY**: black UL 94V-0 glass-filled 4/6 Nylon
- **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 2697 flame-retardant Polyvinyl Chloride (PVC), 0.010 [0.25] nominal thickness
- **CONDUCTORS**: 28-AWG, 7/36-strand, tinned Cu per ASTM B 33
- **CABLE CURRENT RATING**: 1 amp at 10°C [50°F] above ambient
- **CABLE VOLTAGE RATING**: 300V
- **CABLE TEMPERATURE RATING**: 176°F [80°C]
- **INSULATION RESISTANCE**: 1010Ω (10 ft. [3 meters] min.)

MOUNTING CONSIDERATIONS

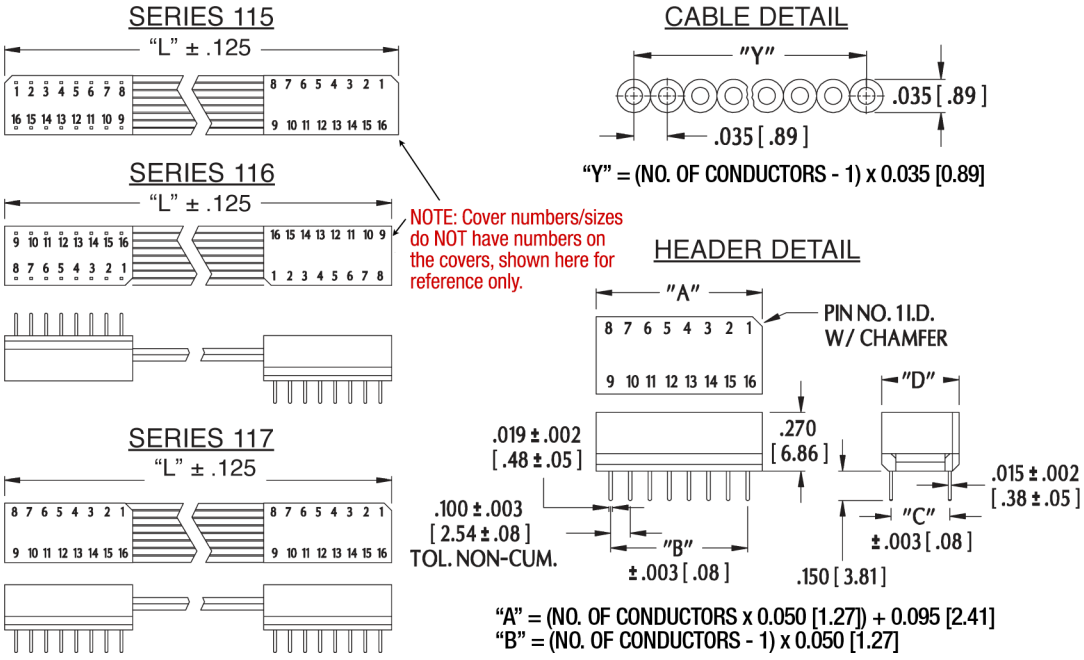
- **SUGGESTED PCB HOLE SIZE**: 0.033 ±0.002 [0.86 ±0.05] dia.

ORDERING INFORMATION

XX-XXX XXX

- Series: 115, 116, 117
- Length "L" (inches): 2.00" = 002 (min), 2.50" = 002.5, 3.00" = 003, Etc.
- No. of Conductors (See Table)

Centers "C"	Dim. "D"	Available Sizes
0.300 [7.62]	0.395 [10.03]	8, 14, 16, 18, 20
0.400 [10.16]	0.495 [12.57]	22
0.600 [15.24]	0.695 [17.65]	24, 28, 40



ALL DIMENSIONS: INCHES [MILLIMETERS]
ALL TOLERANCES: ±0.005 [0.13] UNLESS OTHERWISE SPECIFIED
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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ARIES ELECTRONICS, INC.
2609 Bartram Road • Bristol, PA 19007-6810 USA
TEL 215-781-9956 • FAX 215-781-9845
WWW.ARIESELEC.COM • INFO@ARIESELEC.COM

RoHS Compliant