Series 200 thru 216
Male/Female DIP Jumpers

FEATURES

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



GENERAL SPECIFICATIONS

- **BODY MATERIAL**: black UL 94V-0 glass-filled 4/6 Nylon
- **SOLDER TAIL PINS**: Brass, 1/2-hard
- **SOCKET CONTACTS**: Grade A Spring-tempered Phosphor Bronze per QQ-B-750
- **PIN AND CONTACT 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 Polyvinyl Chloride (PVC)
- **LAMINATE**: clear PVC, self-extinguishing
- **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]
- **CABLE CAPACITANCE**: 13.0pF/ft. [42.7pF/meter] nominal at 1MHz
- **CROSSTALK**: 10' sample, 5ns rise time with 2 lines driven; near end 4.7%; Far end 4.3% nominal
- **PROPAGATION DELAY**: 1.5ns/ft. [4.9ns/meter] nominal
- **INSULATION RESISTANCE**: 1010Ω (10 ft. [3 meters] min.)

ORDERING INFORMATION

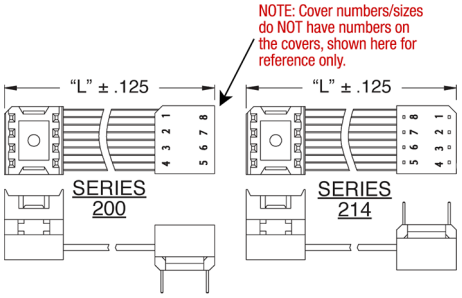
XX-XXX XXX XX

- **Optional Ends**
  ST = Stripped & Tinned (Series 206, 210)
- **Series**
- **Length "L"** (inches)
  2.0" = 002 [7.62] (min)
  2.5" = 002.25
- **No. of Conductors**
  (See Table)

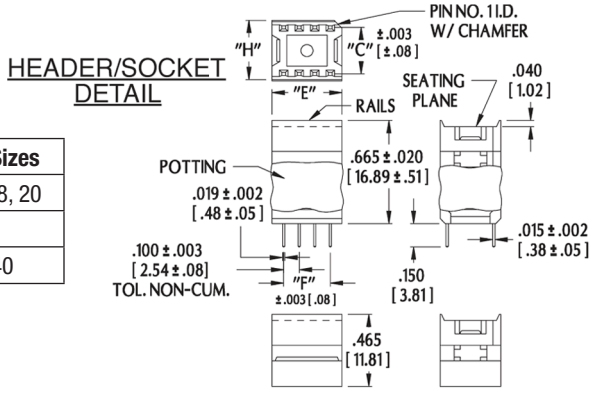
MOUNTING CONSIDERATIONS

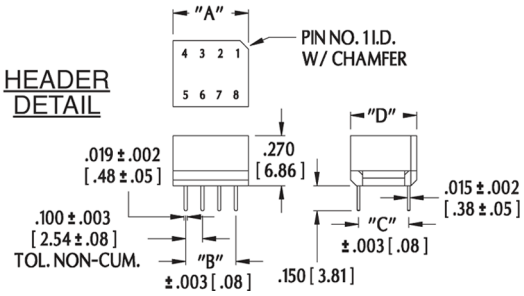
- **SUGGESTED PCB HOLE SIZE**: 0.033 ±0.002 [0.86 ±0.05] dia.

Centers "C"	Dim. "D"	Dim. "H"	Available Sizes
0.300 [7.62]	0.395 [10.03]	0.390 [9.90]	8, 14, 16, 18, 20
0.400 [10.16]	0.495 [12.57]	0.490 [12.45]	22
0.600 [15.24]	0.695 [17.65]	0.690 [17.54]	24, 28, 40



"A" = (No. of Conductors x 0.050 [1.27]) + 0.095 [2.41]
"B" = (No. of Conductors -1) x 0.050 [1.27]
"E" = (No. of Conductors +1) x 0.050 [1.27]
"F" = (No. of Conductors -1) x 0.050 [1.27]





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.

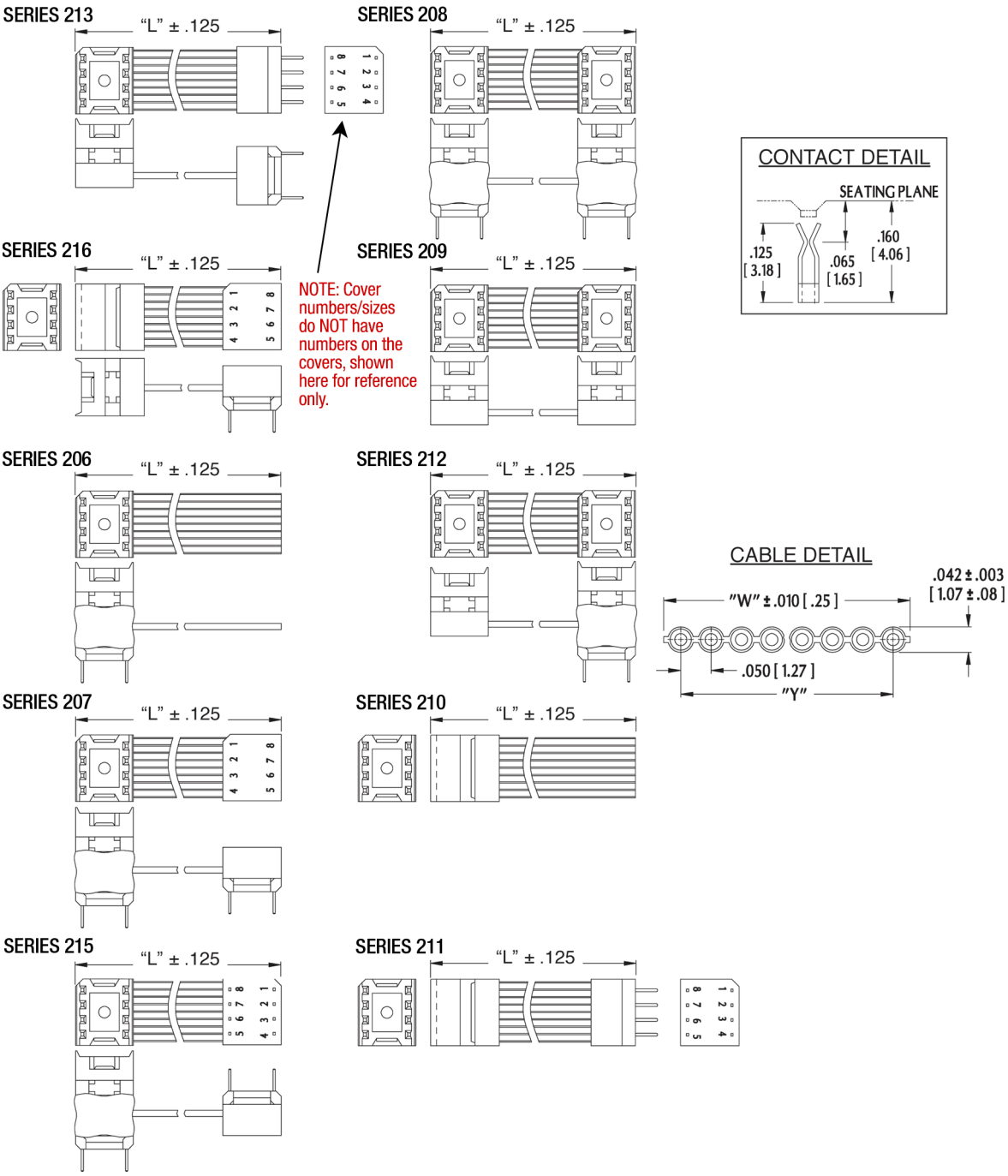
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RoHS Compliant

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