



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

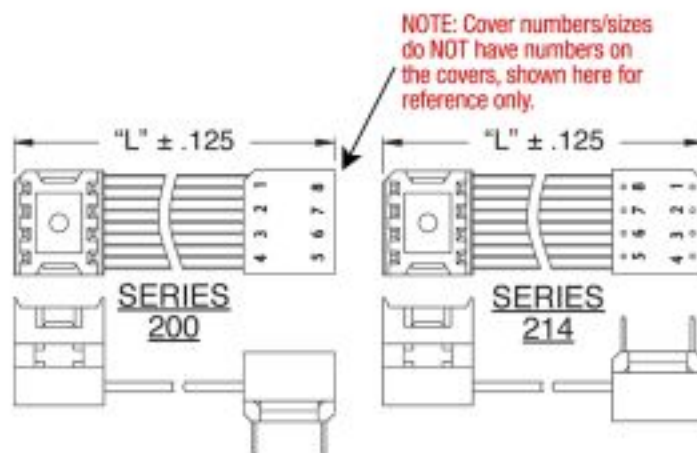
GENERAL SPECIFICATIONS

- 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.)

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
0.600 [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]

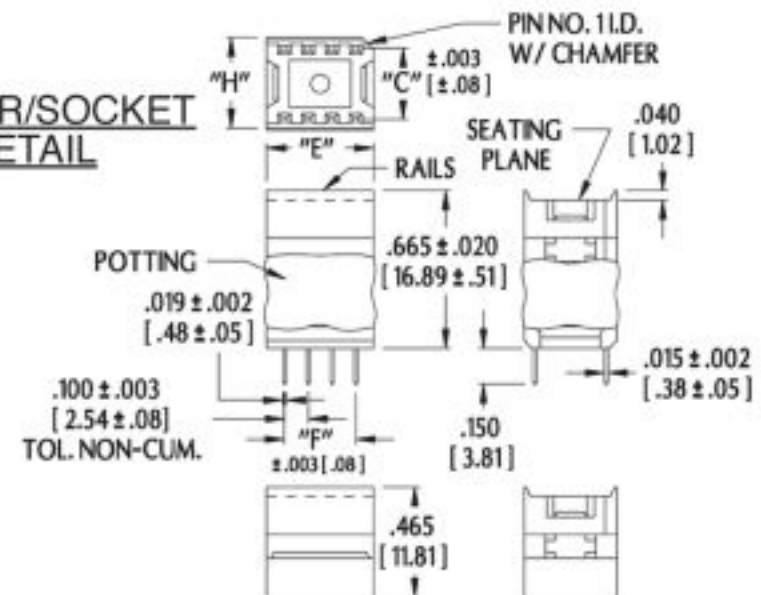


ORDERING INFORMATION

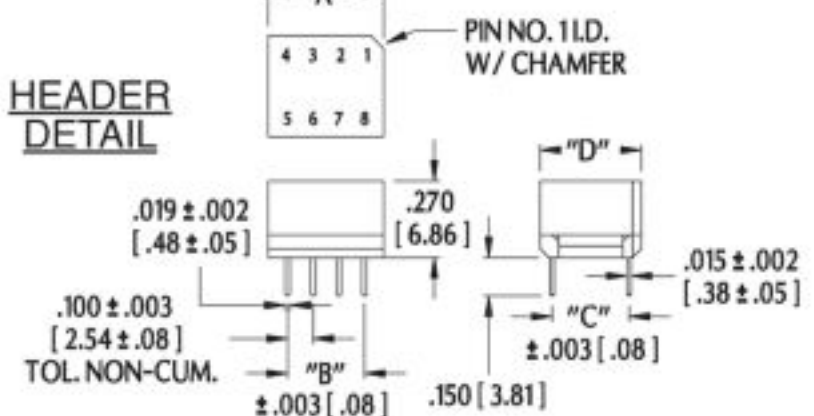
XX-XXX XXX XX

- 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)

HEADER/SOCKET DETAIL



HEADER DETAIL



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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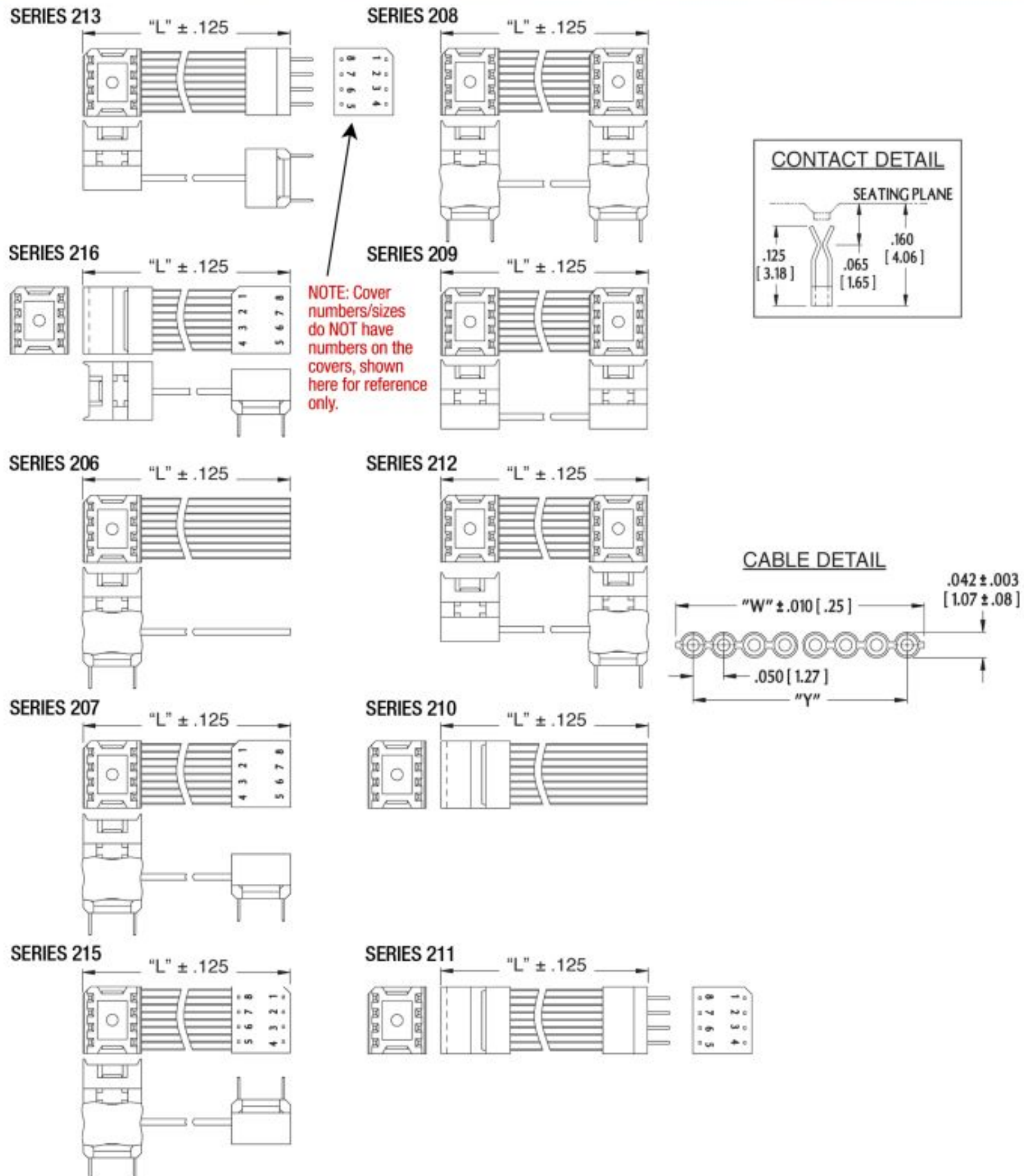
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Rev. 6.3
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