



- 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



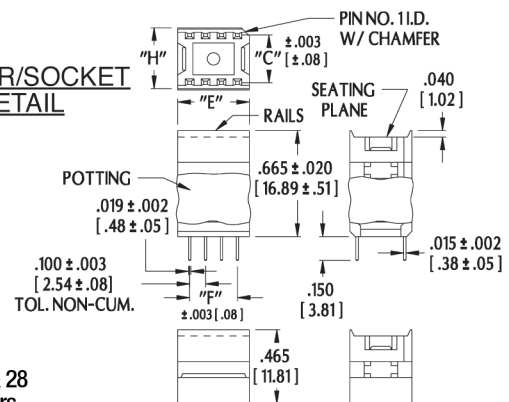
- **BODY MATERIAL:** black UL 94V-0 glass-filled 4/6 Nylon
- **SOLDER TAIL PINS:** Brass, 1/2-hard
- **SOCKET CONTACTS:** Grade A Spring-tempered Phosphor Bronze per QQ-B-750
- **PIN AND CONTACT PLATING:** 10μ [0.25μ] min. Au per MIL-G-45204 over 50μ [1.27μ] min. Ni per SAE AMS-QQ-N-290B
- **CABLE INSULATION:** 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.)

- **SUGGESTED PCB HOLE SIZE:  $0.033 \pm 0.002$  [ $0.86 \pm 0.05$ ] dia.**

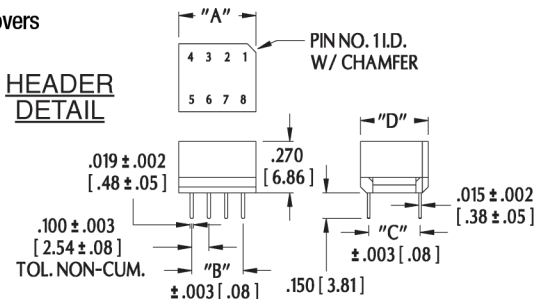
NOTE: 18, 20 & 28 position headers do not have numbers on covers

"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]

### HEADER/SOCKET DETAIL



## HEADER DETAIL



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)

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CONSIDERED UNCONTROLLED**



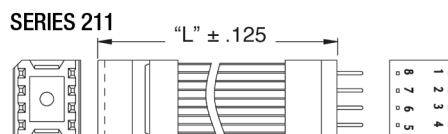
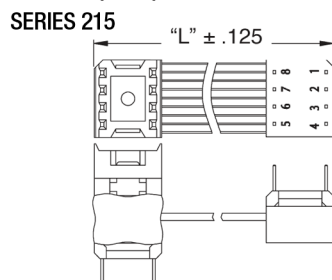
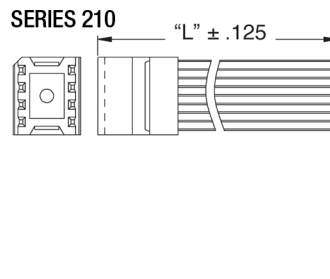
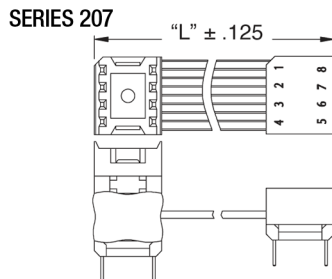
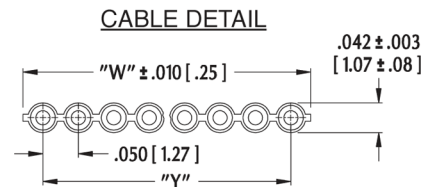
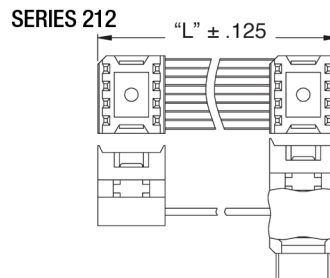
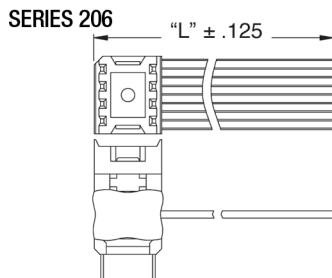
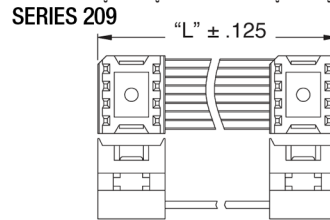
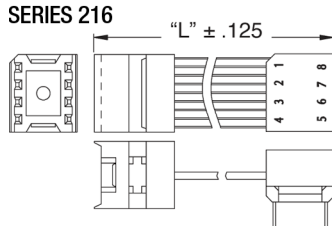
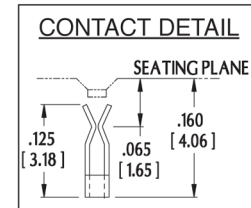
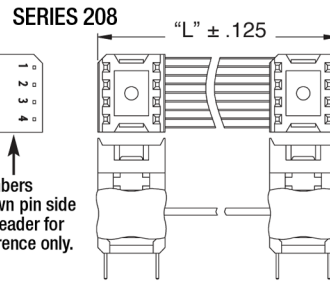
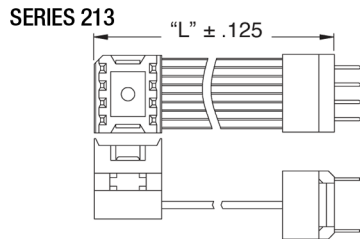
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11012  
Rev. 6.1  
1 of 2



# Series 200 thru 216 Male/Female DIP Jumpers



ALL DIMENSIONS: INCHES [MILLIMETERS]  
ALL TOLERANCES:  $\pm 0.005$  [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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