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.

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>0.300 [7.62]</td>
<td>0.395 [10.03]</td>
<td>0.390 [9.90]</td>
<td>8, 14, 16, 18, 20</td>
</tr>
<tr>
<td>0.600 [15.24]</td>
<td>0.695 [17.65]</td>
<td>0.690 [17.54]</td>
<td>24, 28, 40</td>
</tr>
</tbody>
</table>

**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)

**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Printouts of this document may be out-of-date and should be considered uncontrolled.

ALL DIMENSIONS: INCHES [MILLIMETERS]
ALL TOLERANCES: ±0.005 [0.13] UNLESS OTHERWISE SPECIFIED
CONSULT FACTORY FOR OTHER SIZES AND CONFIGURATIONS