

I. MECHANICAL SPECIFICATIONS

Insulator: Glass reinforced polyester UL-94V-0  
 Color: Gray

Contact: Phosphor Bronze  
 Plating: Per CA Spec. 100003  
 Wire Size: 28 Awg Stranded  
 \*Cable Pull Test Vertical: 1 lb. (454 grams)/contact min.  
 \*Cable Pull Test Horizontal: 1 lb. (454 grams)/contact min.

II. ENVIRONMENTAL SPECIFICATIONS


Temperature Rating: -55 degree C to +125 degree C

III. ELECTRICAL SPECIFICATIONS

Current Rating: 1 Amp  
 Voltage Rating: 300V rms  
 Dielectric Withstanding Voltage: 500V rms min.  
 (at sea level)  
 \*\*Contact Resistance: < 5 Milliohms typ.  
 25 Milliohms max.  
 Insulation Resistance: > 5,000 Megohms

\*IV. Pull tests performed with 1DH connector properly assembled onto 28 Awg gray laminated cable UL style 2651.

\*\*V. Contact resistance measured through Insulation Displacement section of contact only.

|  |  |   |   |
|--|--|---|---|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:<br>FRACTIONS DECIMALS ANGLES<br>± .XX ± ±<br>.XXX ±  | APPROVALS  | DATE  |  <b>CIRCUIT ASSEMBLY CORP.</b><br>18 THOMAS ST., IRVINE, CALIFORNIA 92714-4194 |
|  | DRAWN <i>IAN McNEILL</i> 10-5-80<br>CHECKED <i>[Signature]</i> 11/3/86 |   |   |
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|  |  | SIZE CODE IDENT NO. DRAWING NO. REV.<br><b>A 52072</b> 100067 A |   |
|  |  | SCALE <i>NONE</i> DO NOT SCALE DRAWING SHEET / OF /             |   |
|  |  |   |   |