

**M39029/91**  
**853-002**  
**Size 8 Concentric Twinax Socket**



D38999  
Ser. I, III, IV

**Size #8 Concentric Twinax Socket for MIL-DTL-38999 Series I, III and IV Connectors  
(Inactive for New Design—Replaced by M39029/114)**



These #8 concentric twinax socket contacts accept MIL-STD-1553 data bus twinax cable. Center and intermediate contacts are rated at 1 amp, the outer contact 12 amps. DWV rating is 500 Vac rms sea level, 125 Vac at 70,000 feet. Operating frequency is 0-20MHz. Contacts are packaged individually and shipped unassembled with instruction sheet. One contact consists of outer contact, fluorocarbon dielectric, inner contact, intermediate contact and shield crimp bushing. All contacts are gold-plated copper alloy. Approved to SAE AS39029. 5000 megohm insulation resistance. Mates with: M39029/90.

**B**

| Type   | Cable Accommodation | Part Number           | Military Part Number | Color Band |        |       |
|--------|---------------------|-----------------------|----------------------|------------|--------|-------|
|        |                     |                       |                      | 1st        | 2nd    | 3rd   |
| Socket | M17/176-00002       | <b>853-002-08-530</b> | M39029/91-530        | Green      | Orange | Black |