

M39029/114
853-004
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



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 0-20 MHz. 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: M39029/113.

| Type | Cable Accommodation | Part Number | Military Part Number | Color Band | | |
|--------|---------------------|-----------------------|----------------------|------------|-----|--------|
| | | | | 1st | 2nd | 3rd |
| Socket | M17/176-00002 | 853-004-08-628 | M39029/114-628 | Blue | Red | Violet |

B

| Table II - Tool (Insertion and Extraction) |
|---|
| M81969/14-12 |

| Table III Tools (Crimping) | | | | | |
|----------------------------|--------------------|------------------------------|--------------|----------------------------|--------------|
| Center Contact Tooling | | Intermediate Contact Tooling | | Outer Crimp Sleeve Tooling | |
| Basic Crimping Tool | Contact Positioner | Basic Crimping Tool | Die Part No. | Basic Crimping | Die Part No. |
| M22520/2-01 | M22520/2-37 | M22520/5-01 | M22520/5-105 | M22520/5-01 | M22520/5-105 |

