

Series 806 Mil-Aero Connectors



Size 8 75 Ohm Matched-Impedance Coaxial RF Contacts



Pin Contact



Socket Contact

Size 8 coax contacts fit aerospace-grade digital video cable. 75 ohm nominal impedance. 0-4 GHz frequency range. Crimp termination. Supplied as unassembled kit with contact body, center contact, outer ferrule and sealing boot. These snap-in, rear-release contacts compatible with all Series 806 layouts with size 8 contact cavities. Gold-plated copper alloy, fluoroplastic insulators.

Size 8, 75 Ohm Matched-Impedance Coaxial Contacts			
Cable	Pin Contact	Socket Contact	A Hex Crimp
V75268, V76261, V73263 (PIC™ Wire and Cable)	852-151-01F	852-150-01F	.218 (5.54)
RG179 (M17/94-RG179)	852-151-02F	852-150-02F	.128 (3.25)
V78209 (PIC™ Wire and Cable)	852-151-03F	852-150-03F	.231 (5.87)
LMR-240-75 (Times Microwave)	852-151-04F	852-150-04F	.231 (5.87)

Grommet follower (F) optional; omit if not needed

Specifications

- Operating temperature: -650C. to +2000C.
- Dielectric withstanding voltage: 500 VAC rms at sea level
- Current rating: 1 ampere
- VSWR: 1.25:1 max. @ 4 GHz
- 75 ohm nominal impedance
- Durability: 500 mating cycles
- Shock: EIA-364-27 condition D
- Vibration: EIA-364-28 condition VI, letter J

Construction

- C Center contact, body, retainer, clamp nut, ferrule: copper alloy, 50 microinches gold over nickel plating
- Front and rear insulator: fluoropolymer
- Sealing boot: fluorosilicone rubber, glass-filled PEI

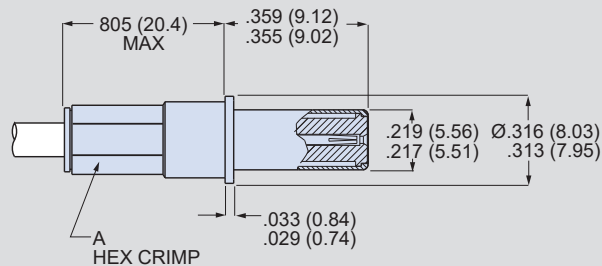
Termination Tools

- Inner contact crimp tool for -01 thru -04: 809-015 (M22520/2-01)
- Inner contact positioner for -01 thru -04: 809-240 (M22520/2-37)
- Outer contact crimp tool for -01 thru -04: 809-129 (M22520/5-01)
- Outer contact hex die P/N 859-047 (M22520/5-45) for contact P/N's: 852-151-01F, 852-150-01F, 852-151-03F, 852-151-04F, 852-150-03F, 852-150-04F
- Outer contact hex die P/N 809-130 (M22520/5-03) for contact P/N's: 852-151-02F, 852-150-02F

Removal Tool

- 859-049 (M81969/14-12) for contact part numbers 852-151 and 852-150

Pin Contact 852-151



Socket Contact 852-150

