

MS/Standard Cylindrical, cont.

97 Series

Reference Catalog 12-022



APPLICATION	STANDARDS/ REQUIREMENTS	COUPLING/ MOUNTING	CONTACT TERMINATION	PERFORMANCE ENVIRON./ELECT.
Low cost, general duty, non-environmental cylindricals with hard dielectric inserts. 310() Solder types; 410() Crimp types.	MIL-C-5015 type. UL recognized. CSA certified.	Threaded coupling. (Intermateable with AC threaded and MIL-C-5015 connectors).	310X types are solder termination. 410X types are crimp rear release termination.	Operating temp. from -55°C to +125°C. Operating voltage to 3000 VAC (RMS) at sea level.

OPTIONAL FEATURES

- Solid or split shell construction.
- 6 shell styles with 128 insert patterns.
- Variety of conductive and non-conductive platings including non-cadmium.
- Thermocouples and reel assembly contacts are available.
- Variety of backend accessories available.

MARKETS

- Machine Tool
- Semiconductor Test & Assembly
- Welding Equipment

ECG Connectors

Reference Catalog 12-022



APPLICATION	STANDARDS/ REQUIREMENTS	COUPLING/ MOUNTING	CONTACT TERMINATION	PERFORMANCE ENVIRON./ELECT.
For medical equipment - ECG monitoring cable and equipment. 7- Series designation. (97 Series modifications)	Special purpose connectors used for process control and medical instrumentation.	Threaded coupling.	Solder termination.	Performs to standards of MIL-C-5015.

OPTIONAL FEATURES

- 2 receptacle styles offered, each having different rotational positions of the insert.

MARKETS

- Medical Instrumentation
- Process Control

Convenience Plugs/Outlets

Reference Catalog 12-022



APPLICATION	STANDARDS/ REQUIREMENTS	COUPLING/ MOUNTING	CONTACT TERMINATION	PERFORMANCE ENVIRON./ELECT.
Plugs and outlet devices used on a wide variety of power circuits. 7- Series designation.	Similar to MIL-C-5015 styles.	Threaded coupling.	Crimp termination.	Rated for duty at 15 amps. Provide 1000 VRMS dielectric withstanding voltage and 100 megohms insulation resistance. Will withstand 1000 cycles of use.

OPTIONAL FEATURES

- One style plug and receptacle outlet offered.
- 61-F receptacle is standard aluminum shell with olive drab cadmium finish, with optional cap and chain for environmental sealing.

MARKETS

- Power circuits in aircraft, trucks, trailers, ships.

Pre-Earth/FMLB

Reference Product Data Sheet 187



APPLICATION	STANDARDS/ REQUIREMENTS	COUPLING/ MOUNTING	CONTACT TERMINATION	PERFORMANCE ENVIRON./ELECT.
DL Series Grounded contact to shell provides first mate/last break capability and protects sensitive circuits and operators. Intermateable with MIL-C-5015 and 97 series.	MIL-C-5015 type shells and inserts. Conformity with European safety standards (DIN VDE 0627) and certified through TUV Product Service GMBH.	Threaded coupling.	Solder termination.	Meets Class IP67 protection against water and dust. Operating voltage to 3000 VAC (RMS) at sea level.

OPTIONAL FEATURES

- 3 shell styles with currently 7 insert patterns offered.
- Standard plating is conductive black zinc, green zinc plating optional.

MARKETS

- Servo and Power Motors
- Test Equipment
- Factory Automation