

C2092 10 06S

Specifications

Attribute	Value
Mechanical & Structural Specs	
Shell Size / Insert Layout	Size 10 Shell with a 10-06 orientation (6 physical contacts arranged in a standardized radial pattern).
Mating Type	Bayonet coupling (quick connect/disconnect requiring a three-pin bayonet lock, typical of standard MIL-DTL-26482 / Pattern 105 systems).
Housing/Shell Material	High-grade aluminum alloy with an olive drab chromate finish over cadmium plating (standard for historic MoD defense systems).
Insulator Insert	Neoprene or high-performance resilient synthetic rubber offering excellent fluid and temperature resistance.
Termination	Solder cups (integral to the pins).
Electrical Specs	
Contact Size	Size 16 AWG contacts.
Current Rating	Max 13 Amps continuous per contact at room temperature.
Operating Voltage (Service Rating I): AC Voltage	600V RMS at sea level.
Operating Voltage (Service Rating I): DC Voltage	850V DC at sea level.
Test Dielectric Withstanding Voltage	1,500V AC RMS.
Insulation Resistance	≥ 5,000 Megohms at 500V DC.
Environmental Ratings	
Operating Temperature	-55°C to +125°C.
Durability	500 mating cycles minimum.
Environmental Sealing	Splashproof and dust-resistant when correctly coupled with an appropriate strain-relief rear grommet or backing conduit.