

10-573161-04S

Specifications

Attribute	Value
Datasheet Nomenclature Breakdown	
Manufacturer Prefix (10-)	Amphenol / Bendix internal prefix indicating a proprietary or modified commercial equivalent variant of standard military hardware.
Shell Type & Material (573)	Straight plug assembly with specialized environmental hardware/backshell adapters. Constructed from high-grade aluminum alloy with an olive drab chromate over cadmium finish.
Shell Size (16)	Shell Size 16. Corresponds to a standard geometry thread interface size of 1.0000-20 UNEF.
Insert Arrangement (1-04 / 16-4)	16-4 Insert Layout. Contains 4 high-power pin ports.
Contact Gender (S)	Socket Contacts (Female side receptacle internal pins).
Electrical & Environmental Specifications	
Contact Size Rating	Size #12 AWG contacts.
Current Rating	Up to 23 Amps continuous per contact at room temperature.
Operating Voltage	Rated for Service Class D (900 VAC / 1250 VDC operating threshold at sea level).
Insulation Resistance	Minimum 5,000 Megohms when measured at 500 VDC.
Temperature Range	Operates from -55°C to +125°C (-67°F to +257°F) with high-resiliency neoprene internal dielectric inserts.
Mating Style	Heavy-duty threaded coupling mechanism designed to resist high-vibration decoupling