

10-37214-7P

Specifications

Attribute	Value
Overview & Compliance	
Manufacturer	Amphenol Industrial Operations (Originally Bendix)
Part Number	10-37214-7P
Product Category	Circular MIL Spec Connector (Threaded Coupling)
Military Specification Basis	Built according to the MIL-DTL-5015 (formerly MIL-C-5015) standard guidelines, designed for harsh environment industrial, automotive, and military electronics.
Environmental Status	RoHS Compliant (Lead-free configurations).
Mechanical Specifications	
Shell Size	14
Shell Style	Straight Cable Plug (designed to be attached directly to the wire harness/cable assembly rather than panel mounting).
Insert Arrangement	14-07
Number of Positions	3 Positions (3 male pins)
Contact Gender	Pin (Male)
Termination Style	Solder cup
Mating Cycles	Minimum 500 mating cycles.
Electrical Data	
Current Rating	13 A maximum per contact.
Contact Material	High-conductivity Copper Alloy.
Contact Plating	Silver.
Insulation Resistance	5,000 Megohms minimum at 25°C.
Physical & Environmental Properties	
Shell Material	Aluminum Alloy (typically finished with olive drab chromate over cadmium or zinc alloy).
Operating Temperature Range	-55°C to +125°C (-67°F to +257°F) standard for this tier class.
Sealing	Environmental sealing against moisture, synthetic oils, and dust when properly paired with its designated backshell and mating receptacle.