

MS3100E 20-29S

Specifications

Attribute	Value
General & Mechanical Product Specs	
Connector Type	Wall-mounting receptacle (four-hole square flange panel mount)
Environmental Class	Class E (Environmentally resistant; includes an endbell backshell with an integrated cable clamp and resilient rubber bushing for moisture sealing and strain relief)
Shell Size	20
Insert Arrangement	20-29
Total Number of Contacts	17 Positions
Contact Size	Size 16
Contact Gender	Socket (Female)
Termination Style	Solder Cup
Mating / Coupling Style	Threaded joint (internal/external thread coupling)
Shell Material	Aluminum Alloy
Shell Plating	Olive Drab Chromate over Cadmium (or alternative zinc-based military-grade coatings)
Insert Material	Neoprene / Resilient Rubber (provides fluid resistance and dielectric insulation)
Electrical Performance	
Current Rating	13 Amps per contact (Standard rating at max load; up to 22A for individual contacts at standard +20°C ambient room temperature)
Rated Operating Voltage	500V AC / 700V DC
Contact Resistance	Max 6 mOhm
Insulation Resistance	Minimum 5,000 MOhm at 25°C
Wire Gauge Accommodated	22 AWG to 16 AWG
Contact Material & Plating	Copper Alloy with Hard Silver plating