

M83723-02R 24 61N

Specifications

Attribute	Value
Part Number Breakdown	
Military Prefix (M83723)	Governed by the MIL-DTL-83723 Series III specification for environmental circular connectors.
Shell Style (/02 or -02)	Box Mount Receptacle (Flange mounting style, usually meant for direct enclosure panels without a rear backshell option).
Service Class (R)	Electroless Nickel finish on an aluminum shell. Provides excellent conductivity for EMI/RFI shielding and high temperature resistance up to 200°C.
Shell Size (24)	The physical outer diameter size of the connector housing.
Insert Arrangement (61)	Configured with 61 high-density contact cavities.
Contact Gender (N)	Corresponds to Female Sockets in the master military indexing system for this configuration.
Alternate Keying (Blank / implied N)	Normal (N) polarization alignment keyways.
Performance Specifications	
Voltage Rating	Up to 600 VAC (RMS) at sea level.
Current Rating	7.5 Amps per contact (utilizing Size 20 crimp contacts).
Temperature Range	Operates from -65°C to +200°C.
Mating Intermateability	Standardized to couple seamlessly with any MIL-DTL-83723 Series III or MIL-DTL-26500 size 24-61 matching plugs