

M83513/26 Connector Datasheet

MD Series • MIL-DTL-83513 Micro-D Style Connectors

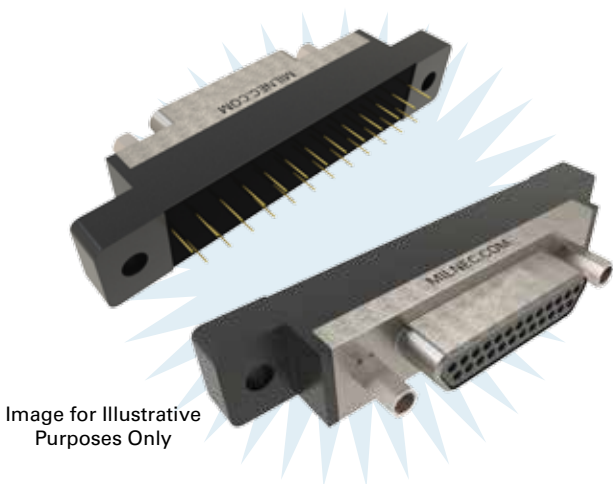


Image for Illustrative Purposes Only

MDP1 Cross-Reference & Compatibility

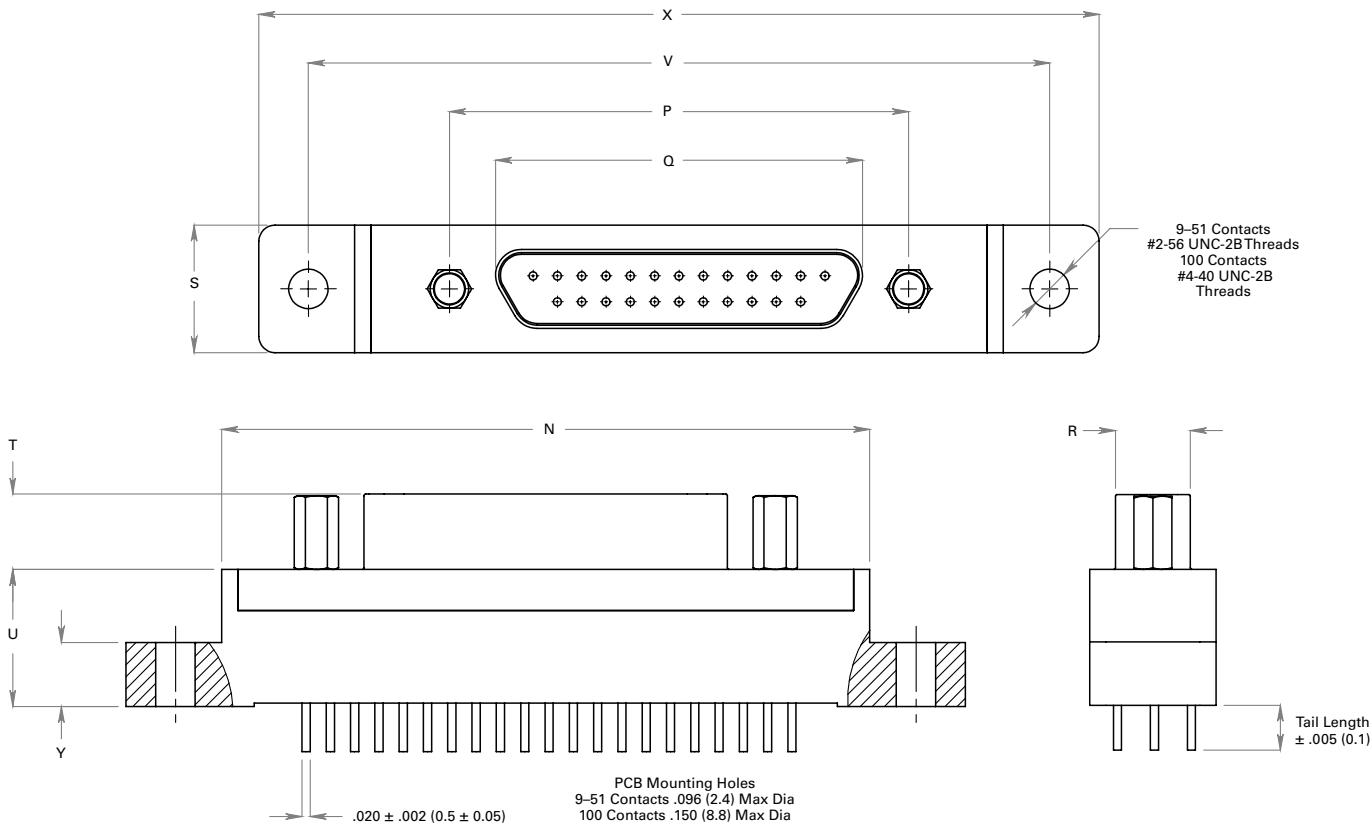
Compatible Brands	Equivalents
MIL-DTL-83513	M83513/26
Glenair	MWDM
Amphenol	Series 100
ITT Cannon	MDM Series

MDP1 - N 51 Y 1 - B

- BASIC PART NUMBER**
MDP1 PCB Micro-D
- MATERIAL & FINISH**
N* Aluminum, electroless nickel
C Aluminum, cadmium
P Stainless steel, passivated
G Aluminum, electroless nickel (space-grade)
- CONTACT AMOUNT**
51
- CONTACT STYLE**
Y PC tail socket
- CONTACT TAIL LENGTH***
1 .109 inches (2.77 mm)
2 .140 inches (3.56 mm)
3 .172 inches (4.37 mm)
- MOUNTING HARDWARE**
B No hardware (thru-hole only)
P Jackpost attached
H Threaded insert
W Jackpost attached and threaded insert

*Aerospace preferred. *Tail length tolerance ± 0.015 inches (.38 mm).

MD



Rev. 1815

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Receptacle Dimensions

Shell Size	N	P	Q	R	S	T	U	V	X	Y
51S	1.775 (45.1)	1.215 (30.9)	1.051 (26.7)	0.296 (7.5)	0.351 (8.9)	0.195 (5.0)	0.333 (8.5)	2.000 (50.8)	2.270 (57.6)	0.155 (3.9)

Dimensions are in inches (mm).

Mounting Hardware

B	P	H	W
			

Materials & Finish

Connector Shell, Metal:

Aluminum Alloy 6061 In Accordance Wtith SAE-AMS-QQ-A-250/11
Code C: Cadmium With Yellow Chromate Conversion Coating
in Accordance With SAE-AMS-QQ-P-416, Type II, Class 3
Code N: Electroless Nickel In Accordance With SAE-AMS-26074, Class 3
Code P: Stainless Steel, 300 Series, Passivated In Accordance With SAE-AMS-QQ-P-35
Liquid Crystal Polymer, 30% Glass-Filled, in Accordance With MIL-M-24519
Epoxy Resin, Hysol EE4215/HD3561

Insulator:

Encapsulant (Potting):