

XMD CONNECTOR SERIES

FEATURES:

- RJ Stackable Connectors for High Density
- Available 2x1, 2x2, 2x3, 2x4, 2x6 & 2x8 Ports
- Through Hole Contacts
- Available with or without LEDs for Easy Viewing of Connection/Activity Status
- Saves PCB Space
- Available in Shield or Unshielded
- Minimum of 750 to 1000 Insertion Cycles



GENERAL SPECIFICATION:

Product Type Features		Housing Related Features	
Tab Type	Tab Up and Tab Down	Material	PBT / Nylon
PCB Mount Angle	Side Entry (Right Angle)	Housing Flammability	UL 94V-0
Number of Ports	2x1, 2x2, 2x3, 2x4, 2x6, 2x8	Color	Optional
Number of Positions	8	Contact Features	
Number of Contacts	8	Material	Phos-Bronze
PCB Mount Style	Through Hole	Contact Area Plating	Hard Gold
LED	With or Without	Solder Area Plating	Gold Flash
Transformer	None	Magnetic Features	
Shielding Features		Transformer Speed	None
Material	Copper Alloy		
Plating	Nickel		
EMI Fingers	With or Without		
Number of PCB Ground Tabs	4		
Ground Pin Position (mm)	Optional		

ORDERING INFORMATION:

PART NO. X	PORT NO. X	Length X	Width X	Height X
XMD-S-21-8-8-X	2 Port	27.9	16.45	25.4
XMD-S-22-8-8-X	4 Port	27.9	32.20	25.4
XMD-S-24-8-8-X	8 Port	27.9	63.70	25.4
XMD-S-26-8-8-X	12 Port	27.9	95.20	25.4
XMD-S-28-8-8-X	16 Port	27.9	126.70	25.4

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ELECTRICAL CHARACTERISTICS:

Current Rating	1.5 A Max.
Voltage Rating	150 VAC Max.
Insulation Resistance	500 MΩ (Ohm) Min.
Dielectric Withstanding Voltage	1000 VAC for 1 minute between adjacent contacts 1500 VAC for 1 minute between shielding and contacts
Termination Resistance	40mΩ (Ohm) Max. Initial 50mΩ (Ohm) Max. Final

MECHANICAL CHARACTERISTICS

Durability	750 to 1000 Mating Cycles.
Mating Force	5 Pounds Max.
Unmating Force	5 Pounds Max.
Solder Temperature	230 to 240 Degree C, 5-6 Seconds
Solder High-Temp Option	260 Degree C, 5-10 Seconds
Operating Temperature	-0 to +70 Degree C