

## XRJDB CONNECTOR SERIES

### FEATURES:

- RJ Low Profile Connectors
- Available 1x1, 1x2, 1x3, 1x4, 1x6 & 1x8 Ports
- Through Hole Contacts
- Available with or without LEDs for Easy Viewing of Connection/Activity Status
- Saves PCB Space with Same Footprint as Stackable Connectors
- Available in Shield or Unshielded
- Minimum of 750 to 1000 Insertion Cycles
- Applications Include: Desktop PC, Server, Hub, Switch, LCD TV, STB, Amplifier, AV Center, POS, Printer, Projector, Camera Systems



### GENERAL SPECIFICATION:

Product Type Features		Housing Related Features	
Tab Type	Tab Down	Material	PBT / Nylon
PCB Mount Angle	Side Entry (Right Angle)	Housing Flammability	UL 94V-0
Number of Ports	1x1, 1x2, 1x3, 1x4, 1x6, 1x8	Color	Optional
Number of Positions	8	<b>Contact Features</b>	
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	<b>Magnetic Features</b>	
<b>Shielding Features</b>		Transformer Speed	None
Material	Copper Alloy		
Plating	Nickel		
EMI Fingers	With or Without		
Number of PCB Ground Tabs	2 or 4		
Ground Pin Position (mm)	Optional		

### ORDERING INFORMATION:

PART NO. X	PORT NO. X	Length X	Width X	Height X
XRJDB-S-01-8-8-X	1 Port	17.65	16.45	12.7
XRJDB-S-02-8-8-X	2 Port	17.65	32.10	12.7
XRJDB-S-03-8-8-X	3 Port	17.65	48.55	12.7
XRJDB-S-04-8-8-X	4 Port	17.65	63.75	12.7
XRJDB-S-06-8-8-X	6 Port	17.65	95.10	12.7
XRJDB-S-08-8-8-X	8 Port	17.65	126.60	12.7

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### ELECTRICAL CHARACTERISTICS:

<b>Current Rating</b>	1.5 A Max.
<b>Voltage Rating</b>	150 VAC Max.
<b>Insulation Resistance</b>	500 M $\Omega$ (Ohm) Min.
<b>Dielectric Withstanding Voltage</b>	1000 VAC for 1 minute between adjacent contacts 1500 VAC for 1 minute between shielding and contacts
<b>Termination Resistance</b>	40m $\Omega$ (Ohm) Max. Initial 50m $\Omega$ (Ohm) Max. Final

### MECHANICAL CHARACTERISTICS

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