

STANDARD DATA XLRnet IP65 CHASSIS RECEPTACLES

		VALUE		
		Class D	CAT5E	CAT6
GENERAL CHARACTERISTICS	Number of contacts	8		
	Contact Arrangement	RJ45		
	Termination	Printed Circuit Board (PCB) - through hole, Feedthrough, IDC Terminal		
	Flammability	UL94V-0		
	Environmental	Complies with EU RoHS 2 Directive 2011/65/EU		
	Solderability	MIL-STD 202, Method 208		
ELECTRICAL CHARACTERISTICS	Rated current per contact	1.5 A		
	Rated Voltage	125V AC		
	Typical Contact Resistance	20mΩ		
	Insulation Resistance	> 500MΩ		
	Dielectric Strength	1000 VAC, 60 secs		
	Max. Frequency	100Mhz	100MHz	250MHz
	Ethernet Standard	10/100 BASE-T	1000 BASE-T	10GBASE-T
	Transmission Spec.	EIA/ TIA568-C.2, ISO/IEC 11801, EN50173		
	PoE	802.3at Type 2	Types 1 to 4 and IEC60603-7 compliant	
	LED Type	Round, single pole, indicator		
CLIMATIC CHARACTERISTICS	Protection Class	- RJX - RJXS	IP40 (with EMI/RFI shield) IP54 (non potted) IP65 (potted)	
	Operating Temperature	-40°C to +80°C (-40°F to +176°F)		
MECHANICAL CHARACTERISTICS	Weight**	- A & B Housing - Shielded Housing - D Shell	11g (0.024lb) 17g (0.037lb) 25g (0.055lb)	
	Mechanical Operations	1000		
	Insertion and Withdrawal Force	≤ 21N		
	Latch	Spring Steel		
	Panel Thickness max.	RJXS series panel thickness variable, three groups: S: 1.2-2.5, M: 2.5-3.5, L: 3.8-5.0		
	Mounting screw torque max.	0.35Nm		
	Fastener	Self-Tapping screw M2.5		
MATERIALS	Connector Shell / Housing	PA66-R10G251(fff)(f1) KINGFA SCI&TECH, E171666		
	Front Panel Gasket	121-80 SANTOPRENE		
	Potting Compound	AW8829 RESIN GLUE		
	Contact	Phosphor Bronze		
	Contact Finish - Ground - RJ45	0.38μm Au over 1.27μm Ni 1.27μm Au over 1.27μm Ni		
	Metal Hood Shield EMI/RFI	BRASS UNS #26800 PRE-PLATED 0.25mm THK		
	Latch lock and Spring	CARBON STEEL SAE 1055		
PANEL THICKNESS	Option "P" Option "P1" Option "P2"	1.5mm - 2.5mm (0.059" - 0.098") 2.5mm - 3.5mm (0.098" - 0.137") 3.8mm - 5mm (0.149" - 0.196")		

**Approximate weight in grams not including packaging. Please contact us for exact weight for shipping purposes.

Rev 2 - 04/2025