




# XLR Connectors

AC Series XLR PCB Chassis Mount Connectors

## STANDARD DATA AC SERIES A AND B TYPE CHASSIS

		VALUE		
<b>GENERAL CHARACTERISTICS</b>	Number of contacts	3	4	5
	Contact Arrangements (Front view of pin insert)			
	Termination	Printed Circuit Board (PCB)		
	Flammability rating of plastics	UL94V-0		
	Environmental	Complies with EU RoHS 2 Directive 2011/65/EU		
<b>ELECTRICAL CHARACTERISTICS</b>	Service Voltage RMS	133V <sup>1</sup>		
	Test Voltage AC RMS	1500V		
	Current carrying capacity	6A		3A
	Typical Contact Resistance	≤5mΩ		
	Insulation Resistance (initial)	≥2GΩ		
	Insulation Resistance (after damp heat test)	≥1GΩ		
<b>CLIMATIC CHARACTERISTICS</b>	Protection Class	IP40		
	Operating Temperature	-25 °C to +75 °C (-13°F to +167°F)		
<b>MECHANICAL CHARACTERISTICS</b>	Weight <sup>2</sup>	14g (0.030lb)		
	Retention Spring separating force	≥20N		
	Mounting Screw torque max.	1.5Nm		
	Mechanical Operations	Minimum 1000 mating cycles		
	Fastening A Type Connectors <sup>3</sup>	Self-Tapping PT screw with thread 2.9 x 1.06 and of Tri-rondular configuration		
	Fastening B Type Connectors <sup>3</sup>	Self-Tapping screw M2.5		
<b>MATERIALS</b>	Connector Flange - B-Type	Diecast Zinc Alloy		
	Flange Finish - B-Type	Nickel		
	Insulators	PA6.6+25% glass fibre reinforced, UL94V-0		
	Male Contact Material	Brass		
	Male Contact Plating	gold over nickel		
	Female Contact Material	Bronze		
	Female Contact Plating	gold over nickel		
	Latch lock and Spring	Spring Steel		
	Ground element	Spring Steel		

<sup>1</sup> Not suitable for domestic applications above 50V

<sup>2</sup> Approximate weight only, does not include packaging. Please contact us for exact weight for shipping purposes.

<sup>3</sup> Refer to page 154

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