



STANDARD DATA AC SERIES A AND B TYPE CHASSIS

		VALUE	
GENERAL CHARACTERISTICS	Number of Contacts	3	5
	Contact Arrangement (Front view of pin inserts)		
	Termination	Printed Circuit Board (PCB)	
	Flammability rating of plastics	UL94V-0	
	Environmental	Complies with EU RoHS 2 Directive 2011/65/EU	
ELECTRICAL CHARACTERISTICS	Service Voltage RMS	133V ¹⁾	
	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	
CLIMATIC CHARACTERISTICS	Protection Class	IP40	
	Operating Temperature	-25 °C to +75 °C (-13°F to +167°F)	
MECHANICAL CHARACTERISTICS	Insertion and Withdrawal Force	≥10 - ≤30	
	Weight ²⁾	14g (0.030lb)	
	Retention Spring separating force	≥20N	
	Mounting Screw torque max.	1.5Nm	
	Mechanical Operations	1500 mating cycles	
	Fastening A Type Connectors ³⁾ Fastening B Type Connectors ³⁾	Self-Tapping PT screw with thread 2.9 x 1.06 and of Tri-rondular configuration Self-Tapping screw M2.5	
	MATERIALS	Connector Flange - B-Type Flange Finish - B-Type	Diecast Zinc Alloy Nickel
Insulators		PA6.6+25% glass fibre reinforced, UL94V-0	
Male Contact Material Male Contact Plating		Brass 0.05μm gold over 2μm nickel	
Female Contact Material Female Contact Plating		Bronze 0.05μm gold over 2μm nickel	
Latch lock and Spring		Spring Steel	
Ground element		Spring Steel	

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¹ Not suitable for domestic applications above 50V

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

³ Refer to page 132

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