

## RCA TECHNICAL DATA

		VALUE
<b>GENERAL CHARACTERISTICS</b>	Number of Contacts	2
	Termination	Solder
	Max. Wire Gauge - Stranded Wire	AWG 14 - 2.5mm <sup>2</sup>
	Flammability rating of insulating plastics	UL94V-0
	Solderability, complies with	IEC 68-2-20
	Environmental	Complies with EU RoHS 2 Directive 2011/65/EU
<b>ELECTRICAL CHARACTERISTICS</b>	Current Carrying Capacity	10A (Depends on Mating Connector)
	Typical Contact Resistance	≤10mΩ (Depends on Mating Connector)
	Insulation resistance (initial) After Damp Heat Test	> 2GΩ ≥ 10 <sup>3</sup> Meg Ω
	Dielectric Strength	1500 V dc
<b>CLIMATIC CHARACTERISTICS</b>	Protection Class	IP40
	Operating Temperature	-25°C to +75°C (-13°F to +167°F)
<b>MECHANICAL CHARACTERISTICS</b>	Insertion and Withdrawal Force	≥10N - ≤30N (depends on mating connector)
	Cable O.D.	3mm to 7mm (0.118" to 0.275")
	Mechanical Operations	500 mating cycles
	Weight - Cable Mount - Panel Mount	18g (0.039lb) 30g (0.066lb)
<b>MATERIALS</b>	Connector Shell Material (Plugs)	Diecast Zinc Alloy EZDA No.3
	Connector Shell Finish	Satin Nickel or Coloured Polyester
	Insulators	PA66
	Cable Bushing	Thermoplastic Polyurethane
	Contacts	Brass Alloy
	Plating	Gold Flash

Rev 4 - 05/2014

<sup>1)</sup>Approximate weight only, does not include packaging. Please contact us for exact weight for shipping purposes.

