3.5mm PLUG TECHNICAL DATA

		VALUE
GENERAL CHARACTERISTICS	Number of Contacts	2 Pole (Mono) 3 Pole Tip Ring Sleeve (Stereo)
	Termination	Solder
	Wire Gauge - Stranded Wire	2 Pole (Mono): AWG 16 - 1.5mm^2 3 Pole (Stereo): AWG 18 - 1mm^2
	Flammability rating of insulating plastics	UL94V-0
	Solderability, complies with	IEC 68-2-20
	Environmental	Complies with EU RoHS 2 Directive 2011/65/EU
ELECTRICAL CHARACTERISTICS	Current Carrying Capacity	>0.5mA (Depends on Mating Connector and Cable)
	Typical Contact Resistance	≤20mΩ (Depends on Mating Connector and Cable)
	Insulation resistance (initial) After Damp Heat Test	>200M Ω >100M Ω
	Test Voltage AC RMS: Dielectric Strength	250VAC
CLIMATIC CHARACTERISTICS	Protection Class	IP40
	Operating Temperature	-20ºC to +65ºC (-4ºF to +149ºF)
MECHANICAL CHARACTERISTICS	Insertion and Withdrawal Force	<20N / >3N (depends on mating connector)
	Cable O.D.	3mm to 5mm (0.118" to 0.196")
	Mechanical Operations	1000 mating cycles
	Weight	8g (0.017lb)
MATERIALS	Connector Shell Material (Plugs)	Diecast Zinc Alloy EZDA No.3
	Connector Shell Finish	Satin Nickel or Black Polyester
	Insulators	PA66
	Cable Bushing	Santoprene
	Contacts	Brass
	Plating	Nickel or Gold Flash

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