
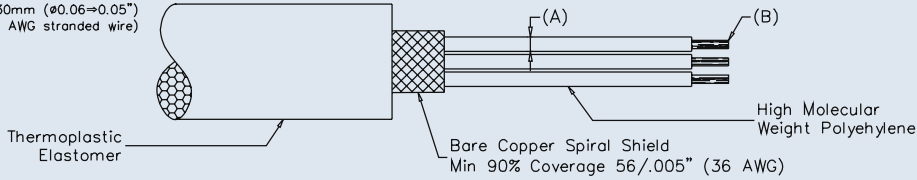


Amphenol

STANDARD DATA AC CHASSIS - THERMOPLASTIC

		VALUE
GENERAL CHARACTERISTICS	Number of contacts	3
	AC Series Contact Arrangements (Front view of pin inserts)	
	Termination	Solder / IDC / Printed Circuit Board (PCB)
	Wire Gauge - Stranded wire:	
	IDC	24AWG
	Solder	12AWG
	Printed Circuit Board (PCB)	N/A
	Flammability	UL94V-0
Environmental	Complies with RoHS Directive 2002/95/EC	
ELECTRICAL CHARACTERISTICS	Service Voltage RMS	133V ¹⁾
	Test Voltage AC RMS	1400V
	Current carrying capacity:	
	IDC	1A
	Solder	15A
	Printed Circuit Board (PCB)	15A
	Typical Contact Resistance	≤3mΩ
Insulation Resistance	≥1000MΩ	
CLIMATIC CHARACTERISTICS	Protection Class	IP40
	Operating Temperature	-25 °C to +75 °C (-13°F to +167°F)
MECHANICAL CHARACTERISTICS	Weight ²⁾	14g - (0.030lb)
	Mechanical Operations	1000 mating cycles
MATERIALS	Connector Shell - Thermoplastic	Thermoplastic, ULV94V-0 Modified PPE Resin
	Shell Finish	Black, other colours available - contact factory
	Insulators	ULV94V-0 PBT Resin or Modified PPE Resin
	Male Contact Stamped IDC-Material/Plating Stamped Solder and PCB-Material/Plating	Phosphor Bronze / Silver or Gold (optional) Phosphor Bronze / Silver or Gold (optional)
	Female Contact Stamped IDC-Material/Plating Stamped Solder and PCB-Material/Plating	Phosphor Bronze / Tin or Gold (optional) Phosphor Bronze / Tin or Gold (optional)
IDC RECOMMENDED CABLE DIMENSIONS	<p>A - OD $\phi 1.50 \Rightarrow 1.30\text{mm}$ ($\phi 0.06 \Rightarrow 0.05''$) B - $16/.005''$ (24 AWG stranded wire)</p>  <p>Thermoplastic Elastomer Bare Copper Spiral Shield Min 90% Coverage $56/.005''$ (36 AWG) High Molecular Weight Polyethylene</p>	

¹⁾ Not suitable for domestic applications above 50V

²⁾ Approximate weight in grams does not include packaging. Please contact us for exact weight for shipping purposes.