

# STANDARD DATA HP SERIES CONNECTORS

		VALUE
<b>GENERAL CHARACTERISTICS</b>	Number of contacts	2 + PE
	Termination	Screw or Solder Tab 3/16"
	Flammability	UL94V-0
	Environmental	Complies with EU RoHS 2 Directive 2011/65/EU
<b>ELECTRICAL CHARACTERISTICS</b>	Rated Operating Voltage	250VAC
	Test Voltage AC RMS	3200V
	Current carrying capacity	25A
	Typical Contact Resistance	≤3mΩ
	Insulation Resistance (initial)	≥2GΩ
	Insulation Resistance (after damp heat test)	≥1GΩ
<b>CLIMATIC CHARACTERISTICS</b>	Protection Class	IP20
	Operating Temperature	-25 °C to +75 °C (-13°F to +167°F)
<b>MECHANICAL CHARACTERISTICS</b>	Weight** - Chassis Connector - Cable Plug	12g (0.026lb) 32g (0.070lb)
	Typical Cable retention force	200N (Subject to cable material and O.D.)
	Cable O.D range - Blue Chuck Clamp - Black Chuck Clamp	5mm - 7.5mm (0.19" - 0.29") 7.5mm - 15mm (0.29" - 0.59")
	Conductor Size - Screw Terminals	2.5mm <sup>2</sup> (AWG14)
	<b>MATERIALS</b>	Connector Shell / Finish
Insulators		PA66 GF30
Cable Boot / Backshell		Santoprene / PBT
Cable Clamp (Chuck)		P.O.M
Contact Plug - Material / Plating		Brass / Silver
Contact Chassis - Material / Plating		Phosphor Bronze / Silver

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\*\*Approximate weight in grams not including packaging. Please contact us for exact weight for shipping purposes.