

STANDARD DATA HPT SERIES CONNECTORS

| | | VALUE |
|--------------------------------------|---|--|
| GENERAL CHARACTERISTICS | Number of contacts | 2 + PE |
| | Termination - Cable Connector - Chassis Mount | 2mm Hex key screw terminal Flat Tab 1/4" |
| | Flammability | UL94V-0 |
| | Environmental | Complies with EU RoHS 2 Directive 2011/65/EU |
| ELECTRICAL CHARACTERISTICS | Rated Operating Voltage | 250VAC |
| | Test Voltage AC RMS | 1500V |
| | Current carrying capacity | 16A (20A USA) |
| | Typical Contact Resistance | ≤2mΩ |
| | Insulation Resistance (initial) | ≥2GΩ |
| | Insulation Resistance (after damp heat test) | ≥0.1GΩ |
| CLIMATIC CHARACTERISTICS | Protection Class | IP65, UL50E enclosure type 4 (in mated or in combination with protective caps) |
| | Operating Temperature | -25 °C to +80 °C (-13°F to +176°F) |
| MECHANICAL CHARACTERISTICS | Weight** - Chassis Connector - Cable Plug | 15g (0.033lb) / 25g (0.055lb) 40g (0.088lb) |
| | Typical Cable retention force | Subject to cable material and O.D. |
| | Cable O.D range | 6.0 -12.0 mm with lockable backshell 7.5 -16.0 mm with non-lockable backshell |
| | Conductor Size - Screw Terminals | 2.5mm ² (AWG12) |
| | MATERIALS | Connector Shell / Finish |
| Insulators | | PA66 GF30 |
| Cable Boot / Backshell | | Neoprene / PBT |
| Contact Plug - Material / Plating | | Copper Alloy / Silver |
| Contact Chassis - Material / Plating | | Copper Alloy / Silver |

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