

Han PP V14 SIGNAL THT 10-POLE STRAIGHT



Image is for illustration purposes only. Please refer to product description.

| | |
|--------------------|---|
| Part number | 09 35 002 6002 |
| Specification | Han PP V14 SIGNAL THT 10-POLE STRAIGHT |
| HARTING eCatalogue | https://harting.com/09350026002 |

Identification

| | |
|----------------|-----------------------------|
| Category | Connectors |
| Series | Han® PushPull (V14) |
| Identification | Signal |
| Element | Female |
| Specification | Straight |
| Features | Intuitive locking mechanism |

Version

| | |
|--------------------|--|
| Termination method | Solder termination |
| Shielding | Fully shielded, 360° shielding contact |
| Number of contacts | 10 |

Technical characteristics

| | |
|------------------------------------|---------|
| Contact spacing (termination side) | 2.4 mm |
| | 3 mm |
| Contact spacing (mating side) | 2.4 mm |
| | 3 mm |
| Rated current | 5 A |
| Rated voltage | 50 V |
| Rated impulse voltage | 1.5 kV |
| Pollution degree | 3 |
| Clearance distance | ≥1.4 mm |
| Creepage distance | ≥1.4 mm |



Pushing Performance
 Since 1945

Technical characteristics

| | |
|----------------------------------|---|
| Insulation resistance | >10 ⁹ Ω |
| Contact resistance | ≤10 mΩ |
| Limiting temperature | -40 ... +85 °C |
| Insertion force | 50 N |
| Withdrawal force | 50 N |
| Mating cycles | ≥500 |
| Test voltage U _{r,m.s.} | 1.5 kV (contact-contact) 1.5 kV (contact-ground) |
| Isolation group | I (600 ≤ CTI) |
| Vibration resistance | 10-500 Hz, 5 g, 0.35 mm, 10 sweep cycles acc. to IEC 61373 Category 1 Class B |
| Shock resistance | 50 g / 11 ms, 10 shocks / axis and direction |

Material properties

| | |
|---|--|
| Material (insert) | Polyamide (PA) |
| Colour (insert) | Black |
| Material (contacts) | Copper alloy |
| Surface (contacts) | Noble metal over Ni Mating side Sn over Ni Termination side |
| Material flammability class acc. to UL 94 | V-0 |
| RoHS | compliant with exemption |
| RoHS exemptions | 6(c): Copper alloy containing up to 4 % lead by weight |
| ELV status | compliant with exemption |
| China RoHS | 50 |
| REACH Annex XVII substances | Not contained |
| REACH ANNEX XIV substances | Not contained |
| REACH SVHC substances | Yes |
| REACH SVHC substances | Lead |
| California Proposition 65 substances | Yes |
| California Proposition 65 substances | Lead Nickel |

Specifications and approvals

| | |
|----------------|--|
| Specifications | IEC 61076-3-117 Variant 14 (V14) |
| UL / CSA | UL 1977 ECBT2.E102079 CSA-C22.2 No. 182.3 ECBT8.E102079 |

Specifications and approvals

| | |
|-----------|--------|
| Approvals | DNV GL |
| PROFINET | Yes |

Commercial data

| | |
|--------------------------------|---|
| Packaging size | 40 |
| Net weight | 5.58 g |
| Country of origin | China |
| European customs tariff number | 85366990 |
| GTIN | 5713140053823 |
| eCl@ss | 27440205 Contact insert for industrial connectors |
| ETIM | EC000438 |
| UNSPSC 24.0 | 39121522 |

Tray

