



Pushing Performance  
Since 1945

# Han PP V14 SIGNAL THT 10-POLE ANGLED



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

Part number	09 35 002 6001
Specification	Han PP V14 SIGNAL THT 10-POLE ANGLED
HARTING eCatalogue	<a href="https://b2b.harting.com/09350026001">https://b2b.harting.com/09350026001</a>

## Identification

Category	Connectors
Series	Han® PushPull (V14)
Identification	Signal
Element	Female
Specification	Angled
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



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## Technical characteristics

Insulation resistance	$>10^9 \Omega$
Contact resistance	$\leq 10 \text{ m}\Omega$
Limiting temperature	-40 ... +85 °C
Insertion force	50 N
Withdrawal force	50 N
Mating cycles	$\geq 500$
Test voltage $U_{r.m.s.}$	1.5 kV (contact-contact)
	1.5 kV (contact-ground)
Isolation group	I ( $600 \leq CTI$ )
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
ECHA SCIP number	be45dcda-0f90-459a-a8bc-78fb7986a295
California Proposition 65 substances	Yes
California Proposition 65 substances	Lead
	Nickel

## Specifications and approvals

Specifications	IEC 61076-3-117 Variant 14 (V14)
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Specifications and approvals

UL / CSA	UL 1977 ECBT2.E102079 CSA-C22.2 No. 182.3 ECBT8.E102079
Approvals	DNV GL
PROFINET	Yes

Commercial data

Packaging size	40
Net weight	6.12 g
Country of origin	China
European customs tariff number	85366990
GTIN	5713140053816
ETIM	EC000438
eCl@ss	27440205 Contact insert for industrial connectors

Tray

