



Pushing Performance
Since 1945

HPP V4 Signal THT 10-pole vertical jack



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

Part number	09 45 545 9012
Specification	HPP V4 Signal THT 10-pole vertical jack
HARTING eCatalogue	https://harting.com/09455459012

Identification

Category	Connectors
Series	HARTING PushPull (V4)
Identification	Signal
Element	Solder jack
Specification	Straight

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
Insulation resistance	>10 ⁹ Ω
Contact resistance	≤10 mΩ



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Technical characteristics

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 ($600 \leq CTI$)
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 (contacts)	Copper alloy
Surface (contacts)	Noble metal over Ni Mating side Sn over Ni Termination side
RoHS	compliant
ELV status	compliant
China RoHS	e
REACH Annex XVII substances	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Not contained
California Proposition 65 substances	Not contained

Specifications and approvals

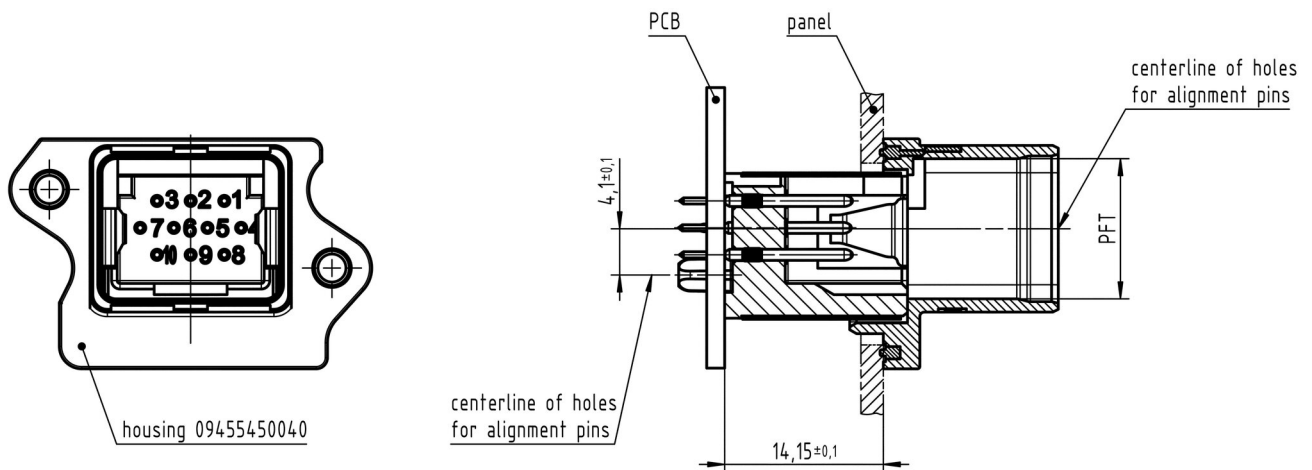
Specifications	IEC 61076-3-106 Variant 4 (V4)
UL / CSA	UL 1977 ECBT2.E102079 CSA-C22.2 No. 182.3 ECBT8.E102079
Approvals	DNV GL

Commercial data

Packaging size	40
Net weight	6.042 g
Country of origin	China
European customs tariff number	85366990
GTIN	5713140061477
eCl@ss	27440205 Contact insert for industrial connectors

Commercial data

ETIM	EC000438
UNSPSC 24.0	39121522



Tray

