

## Han PP Power L male insert PCB straight



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

Part number	09 35 004 3004
Specification	Han PP Power L male insert PCB straight
HARTING eCatalogue	<a href="https://b2b.harting.com/09350043004">https://b2b.harting.com/09350043004</a>

### Identification

Category	Connectors
Series	Han <sup>®</sup> PushPull (V14)
Identification	Power L
Element	Male
Specification	AIDA compliant Straight
Features	Intuitive locking mechanism

### Version

Termination method	Solder termination
Shielding	Unshielded
Number of contacts	5
Locking type	PushPull

### Technical characteristics

Conductor cross-section	0.75 ... 2.5 mm <sup>2</sup>
Conductor cross-section	AWG 18 ... AWG 13
Rated current	16 A
Rated voltage	24 V
Rated impulse voltage	4 kV
Pollution degree	3
Stripping length	10 mm Conductors 44 mm cable jacket
Tightening torque	3 Nm



## Technical characteristics

Limiting temperature	-40 ... +70 °C
Mating cycles	≥500
Degree of protection acc. to IEC 60529	IP65 IP67

## Material properties

Material (contacts)	Copper alloy
Surface (contacts)	Au over Ni Mating side Sn over Ni Termination side
Material (hood/housing)	Thermoplastic
Colour (hood/housing)	Black
Material flammability class acc. to UL 94	V-0
RoHS	compliant
ELV status	compliant
China RoHS	e
REACH Annex XVII substances	No
REACH ANNEX XIV substances	No
REACH SVHC substances	No

## Specifications and approvals

Specifications	IEC 61076-3-117 Variant 14 (V14)
Approvals	DNV GL
UL / CSA	UL 1977 ECBT2.E102079 CSA-C22.2 No. 182.3 ECBT8.E102079 UL 1059 XCFR2.E314677 CSA-C22.2 No. 158-10 XCFR8.E314677
PROFINET	Yes

## Commercial data

Packaging size	1
Net weight	2.34 g
Country of origin	Germany
European customs tariff number	85366990
eCl@ss	27460201 PCB connector (board connector)



Pushing Performance

### Current carrying capacity

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. The derating curve is therefore valid for currents which flow constantly (non-intermittent) through each contact element of the connector evenly, without exceeding the allowed maximum temperature.

Measuring and testing techniques acc. to IEC 60512-5-2

