

## SEK-18 SV MA STD STRWW 06P PL2

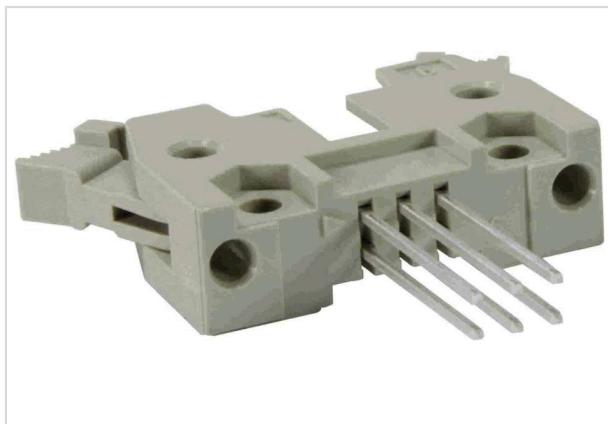


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Part number	09 18 506 6927
Specification	SEK-18 SV MA STD STRWW 06P PL2
HARTING eCatalogue	<a href="https://harting.com/09185066927">https://harting.com/09185066927</a>

### Identification

Category	Connectors
Series	SEK Standard
Element	Male connector
Description of the contact	Straight

### Version

Termination method	Wrap termination
Connection type	PCB to cable
Number of contacts	6
Termination length	15 mm

### Technical characteristics

Dimensions wire wrap post	0.6 x 0.6 mm
Contact rows	2
Contact spacing (termination side)	2.54 mm
Rated current	1 A
Insulation resistance	>10 <sup>9</sup> Ω
Contact resistance	≤20 mΩ
Limiting temperature	-55 ... +125 °C
Insertion force	≤12 N
Withdrawal force	≤12 N
Performance level	2 acc. to IEC 60603-13

## Technical characteristics

Mating cycles	≥250
Test voltage U <sub>r.m.s.</sub>	1 kV
Isolation group	IIIa (175 ≤ CTI < 400)

## Material properties

Material (insert)	Thermoplastic resin (PBT)
Colour (insert)	Grey
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
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	Yes
California Proposition 65 substances	Lead Nickel
Fire protection on railway vehicles	EN 45545-2 (2020-08)
Requirement set with Hazard Levels	R26

## Specifications and approvals

Specifications	IEC 60603-13
UL / CSA	UL 1977 ECBT2.E102079 CSA-C22.2 No. 182.3 ECBT8.E102079
Railway classification	F3/I3

## Commercial data

Packaging size	50
Net weight	6.72 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140026346

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## Commercial data

eCl@ss 27460201 PCB connector (board connector)

ETIM EC002637

UNSPSC 24.0 39121415

## Cross section of solder termination

