

# SEK-18 SV MA STD STR45 50P PL2



Part number	09 18 550 6922
Specification	SEK-18 SV MA STD STR45 50P PL2
HARTING eCatalogue	https://b2b.harting.com/09185506922

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

### Identification

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

#### Version

Termination method	Wave soldering termination
Connection type	PCB to cable
Number of contacts	50
Termination length	4.5 mm

## Technical characteristics

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 and withdrawal force	≤100 N
Performance level	2 acc. to IEC 60603-13
Mating cycles	≥250
Test voltage U <sub>r.m.s.</sub>	1 kV

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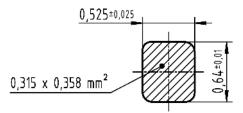
#### **Technical characteristics**

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	Antimony trioxide Lead Nickel
Requirement set with Hazard Levels	R26
Specifications and approvals	
Specifications	IEC 60603-13
Specifications	UL 1977 ECBT2.E102079
UL / CSA	CSA-C22.2 No. 182.3 ECBT8.E102079
Railway classification	F3/I3
Commercial data	
Packaging size	50
Net weight	15.74 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140034273
eCl@ss	27460201 PCB connector (board connector)

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Cross section of solder termination



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