



Pushing Performance
Since 1945

SEK-18 SV MA STD STRWW 50P PL2

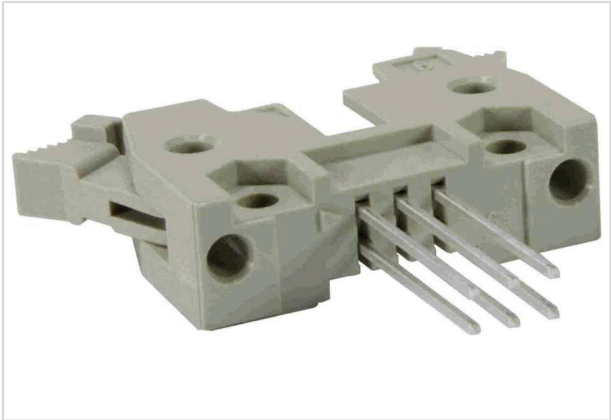


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Part number	09 18 550 6927
Specification	SEK-18 SV MA STD STRWW 50P PL2
HARTING eCatalogue	https://b2b.harting.com/09185506927

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	50
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	$>10^9 \Omega$
Contact resistance	$\leq 20 \text{ m}\Omega$
Limiting temperature	-55 ... +125 °C
Insertion force	$\leq 100 \text{ N}$
Withdrawal force	$\leq 100 \text{ N}$
Performance level	2 acc. to IEC 60603-13



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Technical characteristics

Mating cycles	≥250
Test voltage $U_{r.m.s.}$	1 kV
Isolation group	IIIa ($175 \leq CTI < 400$)

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
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	12.26 g
Country of origin	Romania
European customs tariff number	85366990

Commercial data

GTIN	5713140034303
ETIM	EC002637
eCl@ss	27460201 PCB connector (board connector)

Cross section of solder termination

