



Pushing Performance
Since 1945

SEK-18 SV MA STD ANGWW RLG 50P PL2

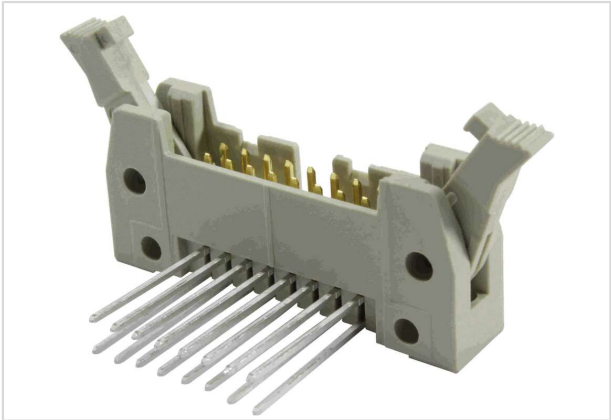


Image is for illustration purposes only. Please refer to product description.

Part number	09 18 550 6906
Specification	SEK-18 SV MA STD ANGWW RLG 50P PL2
HARTING eCatalogue	https://b2b.harting.com/09185506906

Identification

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

Version

Termination method	Wrap termination
Connection type	PCB to cable
Number of contacts	50
Termination length	15 mm
Locking type	With long levers

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 Ω
Contact resistance	≤20 mΩ
Limiting temperature	-55 ... +125 °C
Performance level	2 acc. to IEC 60603-13
Mating cycles	≥250



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Technical characteristics

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	21.2 g
Country of origin	Switzerland
European customs tariff number	85366990
GTIN	5713140034181



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ETIM

EC002637

eCl@ss

27460201 PCB connector (board connector)

Cross section of solder termination

