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Pushing Performance
Since 1945

SEK-18 SV MA STD ANG29 RKZ 10P PL2 CLIP

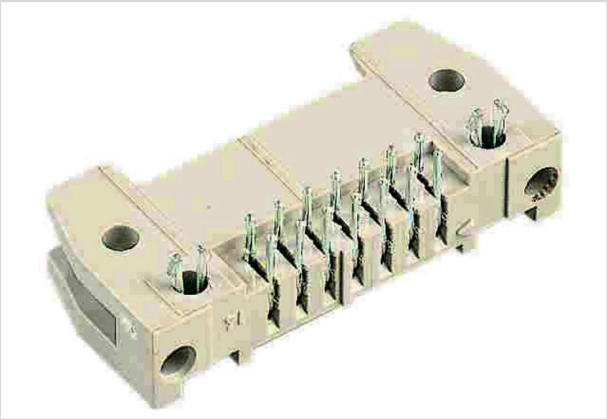

Image is for illustration purposes only. Please refer to product description.

Part number	09 18 510 6963
Specification	SEK-18 SV MA STD ANG29 RKZ 10P PL2 CLIP
HARTING eCatalogue	https://b2b.harting.com/09185106963

Identification

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

Version

Termination method	Wave soldering termination
Connection type	PCB to cable
Number of contacts	10
Termination length	2.9 mm
PCB fixing	With board locks
Locking type	With short levers

Technical characteristics

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
Insertion force	≤20 N
Withdrawal force	≤20 N

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Technical characteristics

Performance level	2 acc. to IEC 60603-13
Mating cycles	≥250
Test voltage $U_{r.m.s.}$	1 kV
Isolation group	IIIa (175 ≤ CTI < 400)
PCB thickness	1.6 mm

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	100
Net weight	6.51 g

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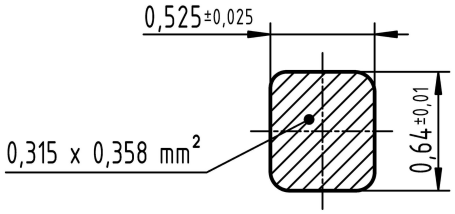
Commercial data

Country of origin	Switzerland
European customs tariff number	85366990
GTIN	5713140927391
ETIM	EC002637
eCl@ss	27460201 PCB connector (board connector)

Cross section of solder termination



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