

SEK-19 SV MA STD ANG29 RKZ 64PPLS4CLIP

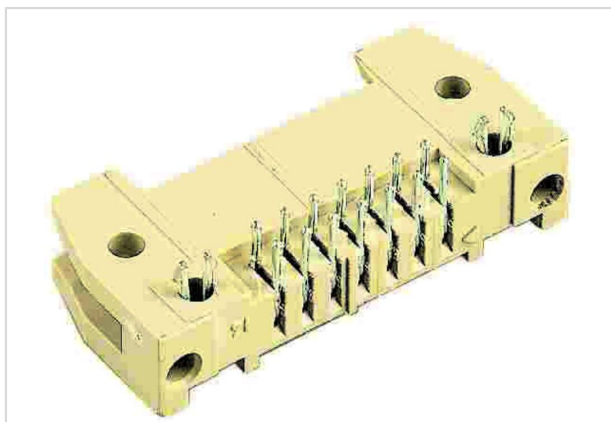


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Part number	09 19 564 5963
Specification	SEK-19 SV MA STD ANG29 RKZ 64PPLS4CLIP
HARTING eCatalogue	https://b2b.harting.com/09195645963

Identification

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

Version

Termination method	Reflow soldering termination (THR)
Connection type	PCB to cable
Number of contacts	64
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	$>10^9 \Omega$
Contact resistance	$\leq 20 \text{ m}\Omega$
Limiting temperature	-55 ... +125 °C (during reflow soldering max. +240 °C for 60 s)
Insertion force	$\leq 128 \text{ N}$
Withdrawal force	$\leq 128 \text{ N}$
Performance level	NM 30 (S4)



Pushing Performance
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Technical characteristics

Mating cycles	≥250
Test voltage $U_{r.m.s.}$	1 kV
Isolation group	II ($400 \leq CTI < 600$)
PCB thickness	1.6 mm

Material properties

Material (insert)	Thermoplastic resin (PCT)
Colour (insert)	Beige
Material (contacts)	Copper alloy
Surface (contacts)	Noble metal over Ni Mating side Sn over Ni Termination side
Layer thickness	≥0.76 µm
Layer thickness	≥30 µinch
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

Commercial data

Packaging size	50
Net weight	18.5 g
Country of origin	Switzerland



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Commercial data

European customs tariff number	85366990
GTIN	5713140383876
ETIM	EC002637
eCl@ss	27460201 PCB connector (board connector)

Cross section of solder termination

