

SEK-19 SV HT MA LP STR29 40P PLS4



Part number	09 19 540 5324
Specification	SEK-19 SV HT MA LP STR29 40P PLS4
HARTING eCatalogue	https://b2b.harting.com/09195405324

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

Identification

Category	Connectors
Series	SEK Low-profile
Element	Male connector
Description of the contact	Straight

Version

Termination method	Reflow soldering termination (THR)
Connection type	PCB to cable PCB to PCB
Number of contacts	40
Termination length	2.9 mm

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 (during reflow soldering max. +240 °C for 60 s)
Insertion and withdrawal force	≤80 N
Performance level	NM 30 (S4)
Mating cycles	≥250
Test voltage U _{r.m.s.}	1 kV

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Technical characteristics

Isolation group	II (400 ≤ CTI < 600)
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	6.8 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140211377
ETIM	EC002637

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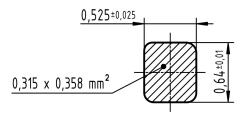


Commercial data

eCl@ss

27460201 PCB connector (board connector)

Cross section of solder termination



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