

SEK-19 SV HT MA STD STR29 16P PLS4



Part number	09 19 516 5924
Specification	SEK-19 SV HT MA STD STR29 16P PLS4
HARTING eCatalogue	https://b2b.harting.com/09195165924

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

Identification

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

Version

Termination method	Reflow soldering termination (THR)
Connection type	PCB to cable
Number of contacts	16
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	≤32 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
	Noble metal over Ni Mating side
Surface (contacts)	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	
	IEC 60603-13
Specifications	UL 1977 ECBT2.E102079
UL / CSA	CSA-C22.2 No. 182.3 ECBT8.E102079
Commercial data	
Packaging size	100
	7.4 g
Net weight Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140213074
ETIM	EC002637

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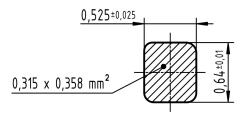


Commercial data

eCl@ss

27460201 PCB connector (board connector)

Cross section of solder termination



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