

# SEK-19 SV HT MA STD STR29 RKZ 24P PL3



	Part number	09 19 524 7914
	Specification	SEK-19 SV HT MA STD STR29 RKZ 24P PL3
	HARTING eCatalogue	https://b2b.harting.com/09195247914

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)
Locking type	With short levers
Connection type	PCB to cable
Number of contacts	24
Termination length	2.9 mm
Performance level	3

# Technical characteristics

Contact rows	2
Contact spacing (termination side)	2.54 mm
Rated current	1 A
Insulation resistance	>10 <sup>9</sup> Ω
Contact resistance	≤20 mΩ
Limiting temperature	-55 +125 °C (during reflow soldering max. +240 °C for 60 s)
Mating cycles	≥50
Test voltage U <sub>r.m.s.</sub>	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)	Sn over Ni Termination side Gold plated Mating side	
Material flammability class acc. to UL 94	V-0	
RoHS	compliant	
ELV status	compliant	
China RoHS	e	
REACH Annex XVII substances	No	
REACH ANNEX XIV substances	No	
REACH SVHC substances	No	

# 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	100
Net weight	9.2 g
Country of origin	Romania
European customs tariff number	85366990
eCl@ss	27440402 PCB connector

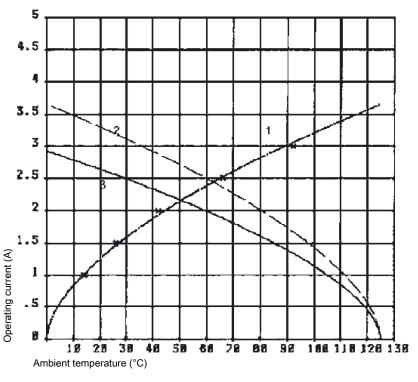
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#### Current carrying capacity

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. The derating curve is therefore valid for currents which flow constantly (nonintermittent) through each contact element of the connector evenly, without exceeding the allowed maximum temperature.

Measuring and testing techniques acc. to IEC 60512-5-2



① Temperature raise

② Derating curve

③ Derating curve 80%

### Cross section of solder termination



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