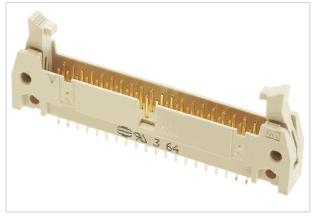


## SEK-19 SV MA STD STR29 RLG 60P PL3 KINK



Part number	09 19 560 7004
Specification	SEK-19 SV MA STD STR29 RLG 60P PL3 KINK
HARTING eCatalogue	https://b2b.harting.com/09195607004

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 Kinked

#### Version

Termination method	Reflow soldering termination (THR)
Locking type	With long levers
Connection type	PCB to cable
Number of contacts	60
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

Page 1 / 3 | Creation date 2020-08-24 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com



#### Technical characteristics

Isolation group	II (400 ≤ CTI < 600)
PCB thickness	1.5 mm +0.44
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
Commercial data	
Packaging size	1
eCl@ss	27440402 PCB connector

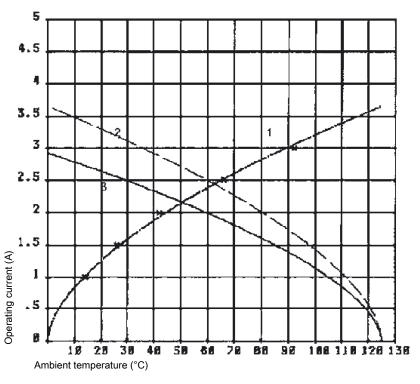
#### Product data sheet 09 19 560 7004 SEK-19 SV MA STD STR29 RLG 60P PL3 KINK This product is not orderable anymore. Contact your local distribution partner for alternatives.



#### 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

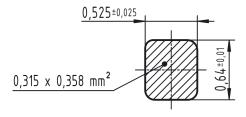


① Temperature raise

② Derating curve

③ Derating curve 80%

#### Cross section of solder termination



Page 3 / 3 | Creation date 2020-08-24 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com

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