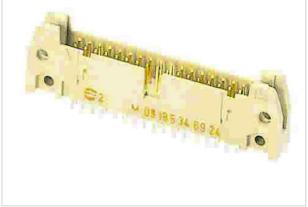


# SEK-19 SV HT MA STD STR29 30P PL2 KINK



Part number	09 19 530 6024
Specification	SEK-19 SV HT MA STD STR29 30P PL2 KINK

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)
Connection type	PCB to cable
Number of contacts	30
Termination length	2.9 mm

### **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)
Insertion and withdrawal force	≤60 N
Performance level	2 acc. to IEC 60603-13
Mating cycles	≥250

Page 1 / 3 | Creation date 2024-04-27 | 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**

Test voltage U <sub>r.m.s.</sub>	1 kV
Isolation group	II (400 $\leq$ 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)	Noble metal over Ni Mating side Sn over Ni Termination side
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
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	1
ETIM	EC002637
eCl@ss	27460201 PCB connector (board connector)

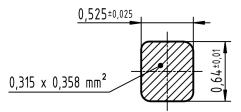
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Product data sheet 09 19 530 6024 SEK-19 SV HT MA STD STR29 30P PL2 KINK



Cross section of solder termination



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