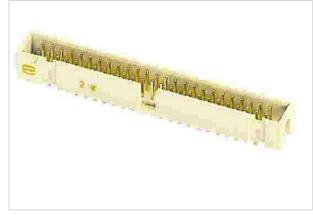


# SEK-19 SV HT MA LP STR29 16P PL2



Part number	09 19 516 6324
Specification	SEK-19 SV HT MA LP STR29 16P PL2
HARTING eCatalogue	https://b2b.harting.com/09195166324

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	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 <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	≤32 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 Product data sheet 09 19 516 6324 SEK-19 SV HT MA LP STR29 16P PL2



#### Technical characteristics

Test voltage U <sub>r.m.s.</sub>	1 kV
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
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	100
Net weight	3 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140036925
ETIM	EC002637

Page 2 / 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 Product data sheet 09 19 516 6324 SEK-19 SV HT MA LP STR29 16P PL2

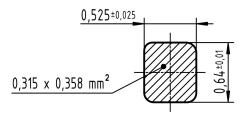


Commercial data

eCl@ss

27460201 PCB connector (board connector)

Cross section of solder termination



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