

SEK-18 SV MA LP STR29 64P PL3



Part number	09 18 564 7324
Specification	SEK-18 SV MA LP STR29 64P PL3
HARTING eCatalogue	https://b2b.harting.com/09185647324

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	Wave soldering termination
Connection type	PCB to cable PCB to PCB
Number of contacts	64
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
Insertion and withdrawal force	≤192 N
Performance level	3 acc. to IEC 60603-13
Mating cycles	≥50

Page 1 / 3 | Creation date 2021-10-01 | 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 18 564 7324 SEK-18 SV MA LP STR29 64P PL3



Technical characteristics

Test voltage U _{r.m.s.}	1 kV
Isolation group	Illa (175 ≤ CTI < 400)
Material properties	
Material (insert)	Thermoplastic resin (PBT)
Colour (insert)	Grey
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	No
REACH ANNEX XIV substances	No
REACH SVHC substances	No
California Proposition 65 substances	Yes
California Proposition 65 substances	Nickel Lead Antimony trioxide

Specifications and approvals

Specifications	IEC 60603-13
UL / CSA	UL 1977 ECBT2.E102079 CSA-C22.2 No. 182.3 ECBT8.E102079
Railway classification	F3/I3
Commercial data	
Packaging size	50
Net weight	7.28 g
Country of origin	Romania
European customs tariff number	85366990
eCl@ss	27460201 PCB connector (board connector)

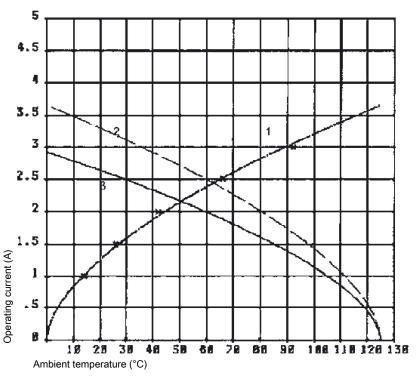
Page 2 / 3 | Creation date 2021-10-01 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity 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 18 564 7324 SEK-18 SV MA LP STR29 64P PL3



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

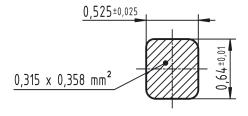


① Temperature raise

② Derating curve

③ Derating curve 80%

Cross section of solder termination



Page 3 / 3 | Creation date 2021-10-01 | 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

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for DIN 41612 Connectors category:

Click to view products by HARTING manufacturer:

Other Similar products are found below :

 004.767
 608489050008049
 691327-1
 74670-0732
 74680-0340
 75880-0015
 76453-0014
 86093159ALF
 9732967801
 QLC260R

 120X10019X
 120X10089X
 122A10249X
 122A10669X
 122A11089X
 122A10089X
 122A10129X
 122A10349X

 122A13359X
 1377391-4
 DIN-048CPC-SR1-MH
 1393583-2
 1393726-7
 140X10129X
 143-1913-000
 143-1908-000
 1484472-1
 2110070-1

 2110070-2
 CBC20T00-008FDS5-0-1-002VR
 172699-5036
 2-1393557-4
 2-1437084-2
 CTJ720E01B-6141
 394506
 419-2080-402

 V42254B2202C968
 419-2086-201
 419-2087-002
 448657-1
 448847-3
 5-1393755-9
 02990000004
 054302
 043556
 09062483201750

 0850033067
 09031646555
 09061486901840
 0
 043556
 09062483201750