

SEK 2R 50P STD pre-assy cover W/O SR



Part number	09 18 150 9622
Specification	SEK 2R 50P STD pre-assy cover W/O SR
HARTING eCatalogue	https://b2b.harting.com/09181509622

Image is for illustration purposes only. Please refer to product description.

Identification

Category	Connectors
Series	SEK Low-profile
Element	PCB transition connectors
Description of the contact	Straight

Version

Termination method	Solder termination IDC termination
Connection type	PCB to cable
Number of contacts	50
Termination length	2.9 mm
Details	for IDC flat cable 1.27 mm (0.050") pitch AWG 28/7

Technical characteristics

Contact rows	2
Contact spacing (termination side)	2.54 mm
Contact spacing (mating side)	1.27 mm
Mounting height	5.5 mm
Rated current	2.6 A
Insulation resistance	>10 ⁹ Ω
Contact resistance	≤35 mΩ
Limiting temperature	-55 +105 °C

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Technical characteristics

rechnical characteristics		
Test voltage U _{r.m.s.}	1 kV	
Isolation group	II (400 ≤ CTI < 600)	
Material properties		
Material (insert)	Thermoplastic resin (PBT)	
Colour (insert)	Grey	
Material (contacts)	Copper alloy	
Surface (contacts)	Sn 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	Yes	
California proposition 65 substances	Nickel Lead	

Specifications and approvals

Specifications	IEC 60603-13
UL/CSA	UL 1977 ECBT2.E102079
OL/CSA	CSA-C22.2 No. 182.3 ECBT8.E102079

Antimony trioxide

Commercial data

Packaging size	50
Net weight	3.56 g
Country of origin	China
European customs tariff number	85366990
eCl@ss	27460202 PCB connector (conductor connection)

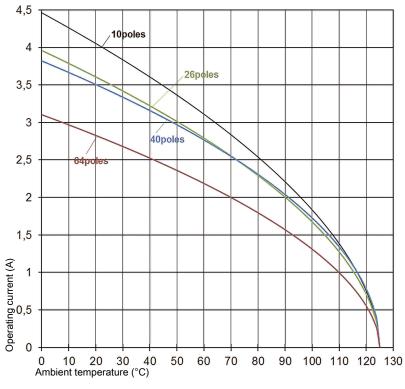
Page 2 / 3 | Creation date 2021-08-27 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity 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 18 150 9622 SEK 2R 50P STD pre-assy cover W/O SR



Current carrying capacity

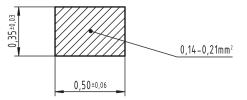
The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. The derating curve is therefore valid for currents which flow constantly (nonintermittent) through each contact element of the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

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





Cross section of solder termination



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