

# SEK 2R 16P STD pre-assy cover W/O SR



Part number	09 18 116 9622
Specification	SEK 2R 16P STD pre-assy cover W/O SR
HARTING eCatalogue	https://b2b.harting.com/09181169622

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

## Identification

ow-profile
ansition connectors
nt

Version

Termination method	Solder termination IDC termination
Connection type	PCB to cable
Number of contacts	16
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 <sup>9</sup> Ω
Contact resistance	≤35 mΩ
Limiting temperature	-55 +105 °C

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## Technical characteristics

Test voltage U <sub>r.m.s.</sub>	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 Termination side Sn over Ni 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
UL / CSA	UL 1977 ECBT2.E102079
	CSA-C22.2 No. 182.3 ECBT8.E102079

# Commercial data

Packaging size	100
Net weight	1.22 g
Country of origin	China
European customs tariff number	85366990
eCl@ss	27440309 Cable connector for printed circuit board

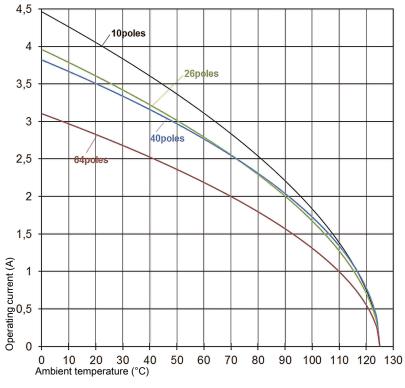
Page 2 / 3 | Creation date 2020-08-24 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity 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 Product data sheet 09 18 116 9622 SEK 2R 16P STD pre-assy cover W/O SR



#### Current carrying capacity

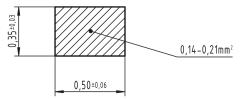
The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. The derating curve is therefore valid for currents which flow constantly (nonintermittent) through each contact element of the 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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