Product data sheet
09 18 130 9622
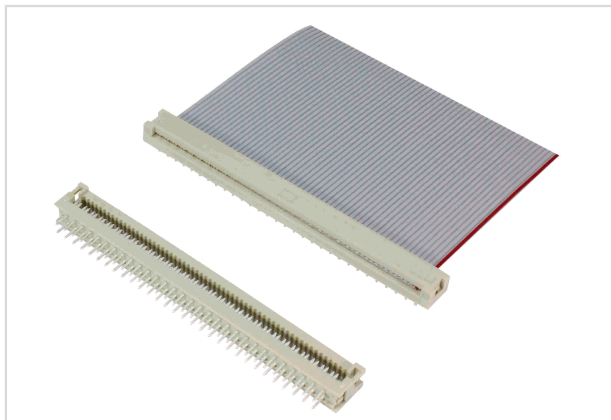SEK 2R 30P STD pre-assy cover W/O SR

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SEK 2R 30P STD pre-assy cover W/O SR

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

Part number	09 18 130 9622
Specification	SEK 2R 30P STD pre-assy cover W/O SR
HARTING eCatalogue	https://b2b.harting.com/09181309622

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	30
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	$>10^9 \ \Omega$
Contact resistance	$\leq 35 \ m\Omega$
Limiting temperature	-55 ... +105 °C

Page 1 / 3 | Creation date 2022-08-25 | 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
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Technical characteristics

Test voltage $U_{r.m.s.}$	1 kV
Isolation group	II (400 ≤ CTI < 600)

Material properties

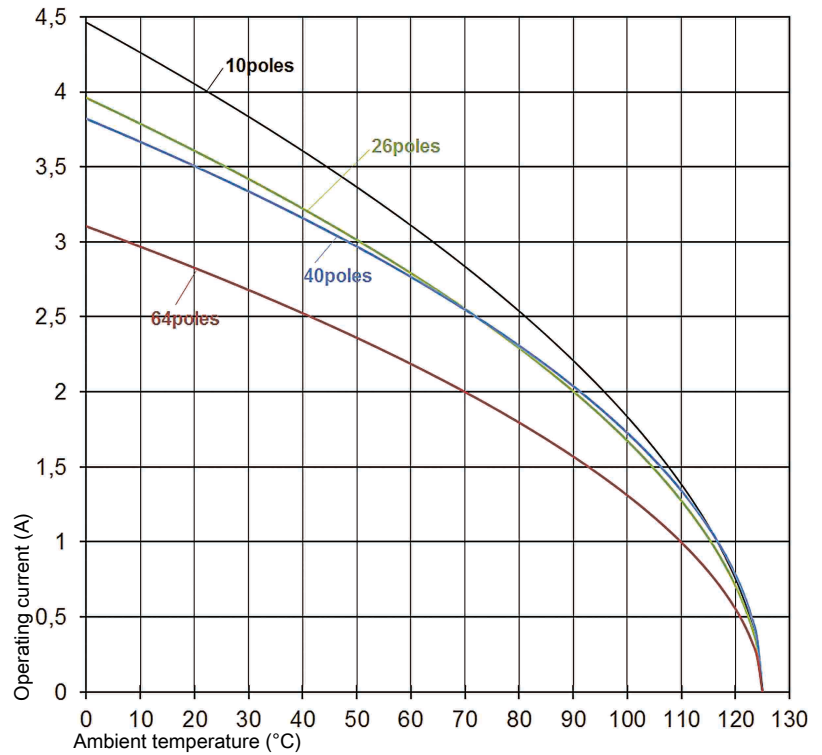|	
Material (insert)	Thermoplastic resin (PBT)
Colour (insert)	Grey
Material (contacts)	Copper alloy
Surface (contacts)	Sn over Ni Mating side Sn over Ni Termination side
Material flammability class acc. to UL 94	V-0
RoHS	compliant
ELV status	compliant
China RoHS	e
REACH Annex XVII substances	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Not contained
California Proposition 65 substances	Yes
California Proposition 65 substances	Antimony trioxide Lead Nickel
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	2.04 g
Country of origin	China
European customs tariff number	85366990
GTIN	5713140025684
eCl@ss	27460202 PCB connector (conductor connection)

Page 2 / 3 | Creation date 2022-08-25 | 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.
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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 (non-intermittent) through each contact element of the connector evenly, without exceeding the allowed maximum temperature.
Measuring and testing techniques acc. to IEC 60512-5-2

Operating current (A) vs Ambient temperature (°C)

- 10poles
- 26poles
- 40poles
- 64poles

Derating curve 80%

Cross section of solder termination

0,35 ±0,03

0,14 – 0,21mm²

0,50 ±0,06

Page 3 / 3 | Creation date 2022-08-25 | 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.
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