Product data sheet
09 18 150 9622
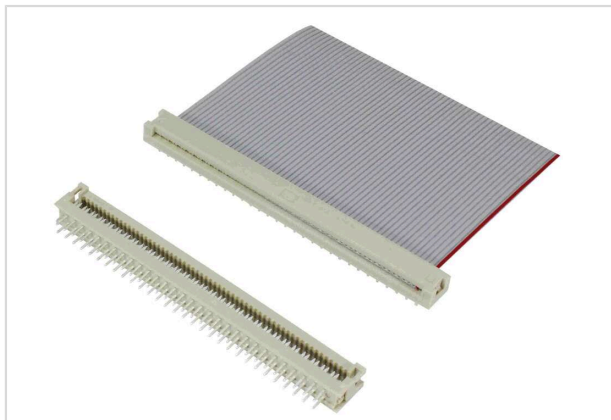SEK 2R 50P STD pre-assy cover W/O SR

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

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

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

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

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
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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
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	50
Net weight	3.56 g
Country of origin	China
European customs tariff number	85366990
GTIN	5713140025745
ETIM	EC002637

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eCl@ss	27460202 PCB connector (conductor connection)

Cross section of solder termination

0,35±0,03
0,50±0,06
0,14 – 0,21mm²

Page 3 / 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.
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