



**THE DATASHEET OF**  
**09181409622**



## SEK 2R 40P STD pre-assy cover W/O SR

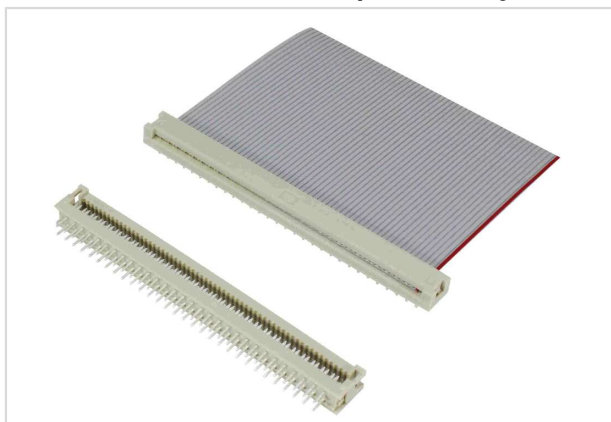


Image is for illustration purposes only. Please refer to product description.

Part number	09 18 140 9622
Specification	SEK 2R 40P STD pre-assy cover W/O SR
HARTING eCatalogue	<a href="https://harting.com/09181409622">https://harting.com/09181409622</a>

### Identification

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

### Version

Termination method	Solder termination IDC insulation displacement termination
Connection type	PCB to cable
Number of contacts	40
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	$\leq 35 \text{ m}\Omega$
Limiting temperature	-55 ... +105 °C



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## Technical characteristics

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

## 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	Lead Nickel
Fire protection on railway vehicles	EN 45545-2 (2020-08) + A1 (2023-10)
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

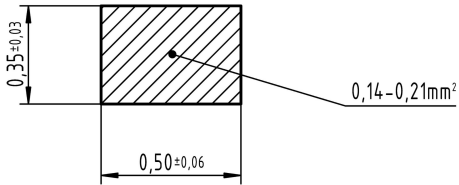
Packaging size	100
Net weight	6.54 g
Country of origin	China
European customs tariff number	85366990
GTIN	5713140025721
eCl@ss	27460202 PCB connector (conductor connection)
ETIM	EC002637

## Commercial data

UNSPSC 24.0

39121415

## Cross section of solder termination



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