

## SEK 2R 20P STD pre-assy cover W/O SR

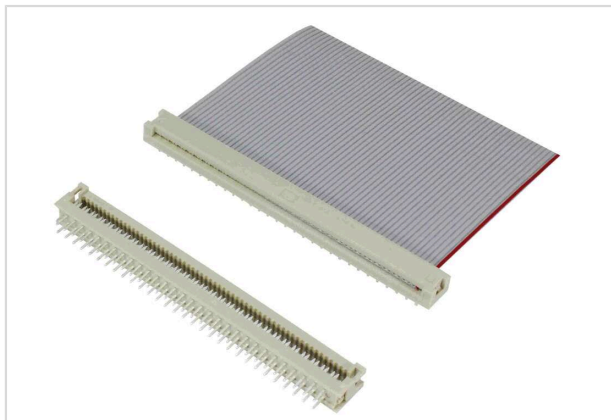


Image is for illustration purposes only. Please refer to product description.

|                    |   |
|--------------------|---|
| Part number        | 09 18 120 9622  |
| Specification      | SEK 2R 20P STD pre-assy cover W/O SR  |
| HARTING eCatalogue | <a href="https://b2b.harting.com/09181209622">https://b2b.harting.com/09181209622</a> |

### Identification

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

### Version

|                    |   |
|--------------------|---|
| Termination method | Solder termination<br>IDC termination                 |
| Connection type    | PCB to cable  |
| Number of contacts | 20  |
| Termination length | 2.9 mm  |
| Details            | for IDC flat cable 1.27 mm (0.050") pitch<br>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<br>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<br>Lead<br>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<br>CSA-C22.2 No. 182.3 ECBT8.E102079 |

## Commercial data

|                                |               |
|--------------------------------|---------------|
| Packaging size                 | 100           |
| Net weight                     | 1 g           |
| Country of origin              | China         |
| European customs tariff number | 85366990      |
| GTIN                           | 5713140025622 |
| ETIM                           | EC002637      |

## Commercial data

eCl@ss

27460202 PCB connector (conductor connection)

### Cross section of solder termination

