



Pushing Performance  
Since 1945

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

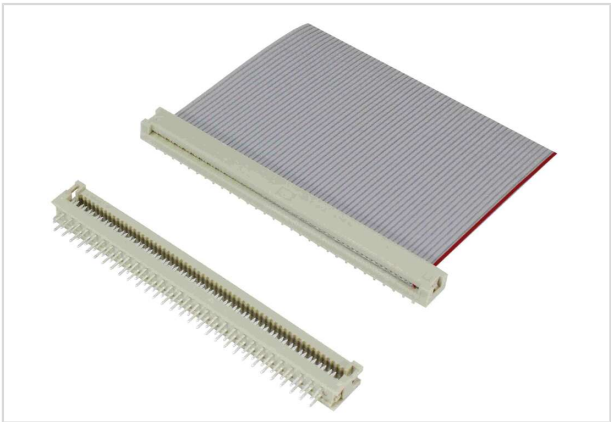


Image is for illustration purposes only. Please refer to product description.

|                    |                                                                               |
|--------------------|-------------------------------------------------------------------------------|
| Part number        | 09 18 150 9422                                                                |
| Specification      | SEK 2R 50P Kinked pre-assy cover W/O SR                                       |
| HARTING eCatalogue | <a href="https://harting.com/09181509422">https://harting.com/09181509422</a> |

## Identification

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

## Version

|                    |                                                               |
|--------------------|---------------------------------------------------------------|
| Termination method | Solder termination<br>IDC insulation displacement termination |
| Connection type    | PCB to cable                                                  |
| Number of contacts | 50                                                            |
| Termination length | 2.9 mm                                                        |
| Details            | 2 kinked pins at each extremity                               |
| 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           |



**Pushing Performance**  
Since 1945

## 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      | 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                     | 5.59 g                                        |
| Country of origin              | China                                         |
| European customs tariff number | 85366990                                      |
| GTIN                           | 5713140025738                                 |
| eCl@ss                         | 27460202 PCB connector (conductor connection) |
| ETIM                           | EC002637                                      |



**Pushing Performance**  
Since 1945

## Commercial data

UNSPSC 24.0

39121415

## Cross section of solder termination

