

SEK 2R 4P Kinked pre-assy cover W/O SR



| Part number | 09 18 104 9422 |
|--------------------|--|
| Specification | SEK 2R 4P Kinked pre-assy cover W/O SR |
| HARTING eCatalogue | https://b2b.harting.com/09181049422 |

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

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 | 4 |
| Termination length | 2.9 mm |
| Details | 2 kinked pins at each extremity |
| 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 Ω |
| Contact resistance | ≤35 mΩ |
| Limiting temperature | -55 +105 °C |

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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 | No |
| REACH ANNEX XIV substances | No |
| REACH SVHC substances | No |
| California proposition 65 | Yes |
| California proposition 65 substances | Nickel Lead Antimony trioxide |

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 | 23 g |
| Country of origin | China |
| European customs tariff number | 85366990 |
| eCl@ss | 27460202 PCB connector (conductor connection) |

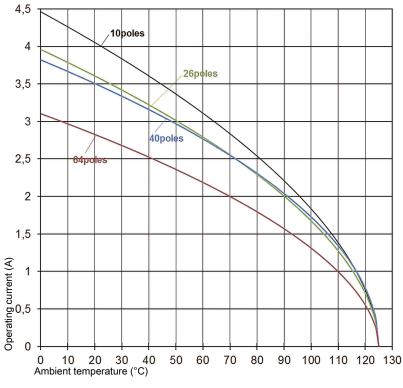
Page 2 / 3 | Creation date 2021-08-27 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com



Current carrying capacity

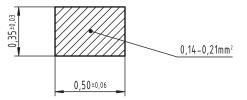
The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. The derating curve is therefore valid for currents which flow constantly (nonintermittent) through each contact element of the connector evenly, without exceeding the allowed maximum temperature.

Measuring and testing techniques acc. to IEC 60512-5-2





Cross section of solder termination



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