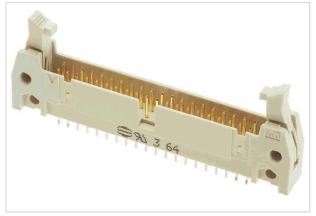


SEK-18 SV MA STD STR29 RKZ 20P PL2 KINK



| | Part number | 09 18 520 6014 |
|--|--------------------|--|
| | Specification | SEK-18 SV MA STD STR29 RKZ 20P PL2 KINK |
| | HARTING eCatalogue | https://b2b.harting.com/09185206014 |

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

Identification

| Category | Connectors |
|----------------------------|--------------------|
| Series | SEK Standard |
| Element | Male connector |
| Description of the contact | Straight Kinked |

Version

| Termination method | Wave soldering termination |
|--------------------|---|
| Connection type | PCB to cable |
| Number of contacts | 20 |
| Termination length | 2.9 mm |
| Locking type | With short levers |
| Details | Through kinked contacts, connectors are simultaneously fixed on the PCB during assembly. They represent a particularly inexpensive alternative, since otherwise usual fixing elements such as screws, rivets or clips are not required. |

Technical characteristics

| Contact rows | 2 |
|------------------------------------|--------------------|
| Contact spacing (termination side) | 2.54 mm |
| Rated current | 1 A |
| Insulation resistance | >10 ⁹ Ω |
| Contact resistance | ≤20 mΩ |
| Limiting temperature | -55 +125 °C |
| Insertion and withdrawal force | ≤40 N |

Page 1 / 3 | Creation date 2023-04-22 | 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



Technical characteristics

| Performance level | 2 |
|----------------------------------|------------------------|
| | acc. to IEC 60603-13 |
| Mating cycles | ≥250 |
| Test voltage U _{r.m.s.} | 1 kV |
| Isolation group | Illa (175 ≤ CTI < 400) |
| PCB thickness | 1.5 mm +0.44 |

Material properties

| Material (insert) | Thermoplastic resin (PBT) | |
|---|--|--|
| Colour (insert) | Grey | |
| Material (contacts) | Copper alloy | |
| Surface (contacts) | Noble metal 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 | |
| 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 | |

Railway classification

| Commercial data | | |
|-------------------|-------------|--|
| Packaging size | 100 | |
| Net weight | 5.92 g | |
| Country of origin | Switzerland | |

F3/I3

Page 2 / 3 | Creation date 2023-04-22 | 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



Commercial data

European customs tariff number

GTIN

eCl@ss

85366990

5713140029750 27460201 PCB connector (board connector)

Cross section of solder termination

