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# SEK-18 SV MA STD STR29 RKZ 16P PL3

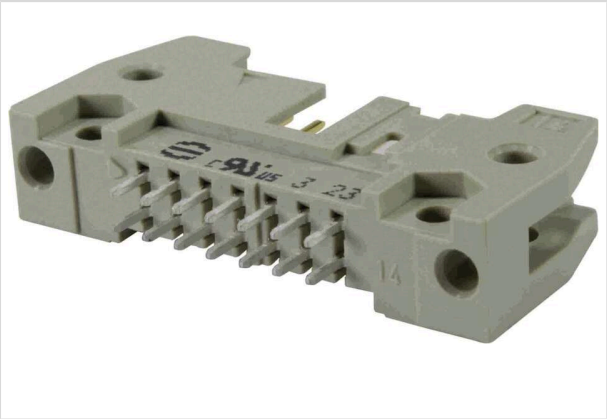


Image is for illustration purposes only. Please refer to product description.

| | |
|---|---|
| Part number | 09 18 516 7914 |
| Specification | SEK-18 SV MA STD STR29 RKZ 16P PL3 |
| HARTING eCatalogue | https://harting.com/09185167914 |

## Identification

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

## Version

| | |
|---|---|
| Termination method | Wave soldering termination |
| Connection type | PCB to cable |
| Number of contacts | 16 |
| Termination length | 2.9 mm |
| Locking type | With short levers |

## 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 force | ≤48 N |
| Withdrawal force | ≤48 N |
| Performance level | 3<br>acc. to IEC 60603-13 |


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## Technical characteristics

| | |
|---|---|
| Mating cycles | ≥50 |
| Test voltage $U_{r.m.s.}$ | 1 kV |
| Isolation group | IIIa (175 ≤ CTI < 400) |

## Material properties

| | |
|---|---|
| Material (insert) | Thermoplastic resin (PBT) |
| Colour (insert) | Grey |
| Material (contacts) | Copper alloy |
| Surface (contacts) | Noble metal 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) + A1 (2023-10) |
| 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 |
| Railway classification | F3/I3 |

## Commercial data

| | |
|---|---|
| Packaging size | 100 |
| Net weight | 7.58 g |
| Country of origin | Romania |
| European customs tariff number | 85366990 |
| GTIN | 5713140029354 |


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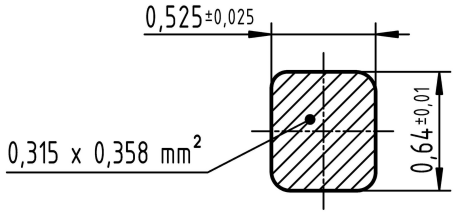
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## Commercial data

| | |
|---|---|
| eCl@ss | 27460201 PCB connector (board connector) |
| ETIM | EC002637 |
| UNSPSC 24.0 | 39121415 |

## Cross section of solder termination





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