

# SEK-19 SV HT MA STD ANG29 RKZ 40P PLS4



|  | Part number        | 09 19 540 5913                            |
|--|--------------------|---|
|  | Specification      | SEK-19 SV HT MA STD ANG29 RKZ<br>40P PLS4 |
|  | HARTING eCatalogue | https://b2b.harting.com/09195405913       |

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

#### Identification

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

#### Version

| Termination method | Reflow soldering termination (THR) |
|--------------------|------------------------------------|
| Connection type    | PCB to cable                       |
| Number of contacts | 40                                 |
| 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 <sup>9</sup> Ω  |
| Contact resistance                 | ≤20 mΩ  |
| Limiting temperature               | -55 +125 °C (during reflow soldering max. +240 °C for 60 s) |
| Insertion and withdrawal force     | ≤80 N   |
| Performance level                  | NM 30 (S4)  |
| Mating cycles                      | ≥250  |
| Test voltage U <sub>r.m.s.</sub>   | 1 kV  |

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### Technical characteristics

| Isolation group                           | II (400 ≤ CTI < 600)   |  |  |  |
|---|--|--|--|--|
| Material properties                       |  |  |  |  |
| Material (insert)                         | Thermoplastic resin (PCT)                                      |  |  |  |
|   |  |  |  |  |
| Colour (insert)                           | Beige  |  |  |  |
| Material (contacts)                       | Copper alloy   |  |  |  |
| Surface (contacts)                        | Noble metal over Ni Mating side<br>Sn over Ni Termination side |  |  |  |
| Layer thickness                           | ≥0.76 µm   |  |  |  |
| Layer thickness                           | ≥30 µinch  |  |  |  |
| 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 1977 ECBT2.E102079  |  |  |  |
| UL / CSA                                  | CSA-C22.2 No. 182.3 ECBT8.E102079                              |  |  |  |
| Commercial data                           |  |  |  |  |
| Packaging size                            | 50   |  |  |  |
| Net weight                                | 12.9 g   |  |  |  |
| Country of origin                         | Romania  |  |  |  |
| European customs tariff number            | 85366990   |  |  |  |
| GTIN                                      | 5713140214170  |  |  |  |
| ETIM                                      | EC002637   |  |  |  |
|   |  |  |  |  |

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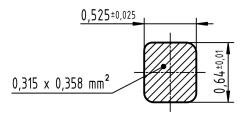


Commercial data

eCl@ss

27460201 PCB connector (board connector)

Cross section of solder termination



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