

# SEK-18 SV MA STD ANGWW RKZ 16P PL2



| Part number        | 09 18 516 6916                        |
|--------------------|---------------------------------------|
| Specification      | SEK-18 SV MA STD ANGWW RKZ 16P<br>PL2 |
| HARTING eCatalogue | https://b2b.harting.com/09185166916   |

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 | Wrap termination  |
|--------------------|-------------------|
| Connection type    | PCB to cable      |
| Number of contacts | 16                |
| Termination length | 15 mm             |
| Locking type       | With short levers |

#### Technical characteristics

| Dimensions wire wrap post          | 0.6 x 0.6 mm              |
|------------------------------------|---------------------------|
| 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               |
| Performance level                  | 2<br>acc. to IEC 60603-13 |
| Mating cycles                      | ≥250                      |

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### Technical characteristics

| Test voltage U <sub>r.m.s.</sub>          | 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      | Antimony trioxide<br>Lead<br>Nickel                            |
| 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                 | 50   |
| Net weight                     | 12 g   |
| Country of origin              | Romania  |
| European customs tariff number | 85366990   |
| GTIN                           | 5713140029057  |

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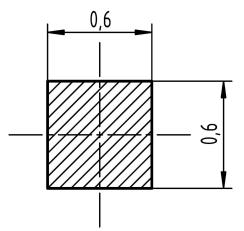


Commercial data

eCl@ss

27460201 PCB connector (board connector)

Cross section of solder termination



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