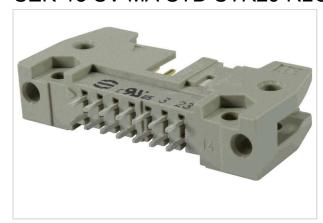


# SEK-18 SV MA STD STR29 RLG 26P PL2



| Part number        | 09 18 526 6904                        |
|--------------------|---------------------------------------|
| Specification      | SEK-18 SV MA STD STR29 RLG 26P<br>PL2 |
| HARTING eCatalogue | https://b2b.harting.com/09185266904   |

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       |

#### Version

| Termination method | Wave soldering termination |
|--------------------|----------------------------|
| Connection type    | PCB to cable               |
| Number of contacts | 26                         |
| Termination length | 2.9 mm                     |
| Locking type       | With long 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               |
| Insertion force                    | ≤52 N                     |
| Withdrawal force                   | ≤52 N                     |
| Performance level                  | 2<br>acc. to IEC 60603-13 |



## Technical characteristics

| Mating cycles                    | ≥250                   |
|----------------------------------|------------------------|
| 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 Sn over Ni Termination side |
| Material flammability class acc. to UL 94 | V-0   |
| RoHS                                      | compliant   |
| ELV status                                | compliant   |
| China RoHS                                | е   |
| 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                               |
| Fire protection on railway vehicles       | EN 45545-2 (2020-08)  |
| 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                     | 9 g      |
| Country of origin              | Romania  |
| European customs tariff number | 85366990 |



## Commercial data

| GTIN   | 5713140031296                            |
|--------|--|
| ETIM   | EC002637                                 |
| eCl@ss | 27460201 PCB connector (board connector) |

## Cross section of solder termination

