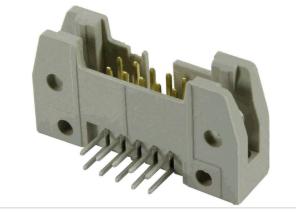


# SEK-18 SV MA STD ANG45 24P PL2



| Part number        | 09 18 524 6921                      |
|--------------------|-------------------------------------|
| Specification      | SEK-18 SV MA STD ANG45 24P PL2      |
| HARTING eCatalogue | https://b2b.harting.com/09185246921 |

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 | Wave soldering termination |
|--------------------|----------------------------|
| Connection type    | PCB to cable               |
| Number of contacts | 24                         |
| Termination length | 4.5 mm                     |

## 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 and withdrawal force     | ≤48 N                     |
| Performance level                  | 2<br>acc. to IEC 60603-13 |
| Mating cycles                      | ≥250                      |
| Test voltage U <sub>r.m.s.</sub>   | 1 kV                      |

Page 1 / 3 | Creation date 2023-03-24 | 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 Product data sheet 09 18 524 6921 SEK-18 SV MA STD ANG45 24P PL2



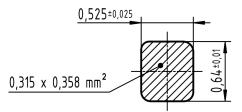
#### Technical characteristics

| 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                            | 100  |
| Net weight                                | 9.58 g   |
| Country of origin                         | Romania  |
| European customs tariff number            | 85366990   |
| GTIN                                      | 5713140030671  |
| eCl@ss                                    | 27460201 PCB connector (board connector)                       |
|   |  |

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Cross section of solder termination



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