

SEK-18 SV MA STD STR45 RKZ 10P PL3



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|--------------------|---|
| Part number | 09 18 510 7912 |
| Specification | SEK-18 SV MA STD STR45 RKZ 10P PL3 |
| HARTING eCatalogue | https://b2b.harting.com/09185107912 |

Identification

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

Version

| | |
|--------------------|----------------------------|
| Termination method | Wave soldering termination |
| Locking type | With short levers |
| Connection type | PCB to cable |
| Number of contacts | 10 |
| Termination length | 4.5 mm |
| Performance level | 3 |

Technical characteristics

| | |
|------------------------------------|---------------------------|
| Contact rows | 2 |
| Contact spacing (termination side) | 2.54 mm |
| Rated current | 1 A |
| Rated voltage | 500 V |
| Insulation resistance | $>10^9 \Omega$ |
| Contact resistance | $\leq 20 \text{ m}\Omega$ |
| Limiting temperature | -55 ... +125 °C |
| Insertion and withdrawal force | $\leq 30 \text{ N}$ |
| Test voltage $U_{r.m.s.}$ | 1 kV |



Pushing Performance

Material properties

| | |
|---|---------------------------|
| Material (insert) | Thermoplastic resin (PBT) |
| Colour (insert) | Grey |
| Material flammability class acc. to UL 94 | V-0 |
| RoHS | compliant |
| ELV status | compliant |
| China RoHS | e |
| REACH Annex XVII substances | No |
| REACH ANNEX XIV substances | No |
| REACH SVHC substances | No |

Specifications and approvals

| | |
|----------|-----------------------------------|
| UL / CSA | UL 1977 ECBT2.E102079 |
| | CSA-C22.2 No. 182.3 ECBT8.E102079 |

Commercial data

| | |
|--------------------------------|------------------------|
| Packaging size | 100 |
| Net weight | 6.33 g |
| Country of origin | Switzerland |
| European customs tariff number | 85366953 |
| eCl@ss | 27440402 PCB connector |