

SEK-19 SV HT MA LP STR29 14P PLS4

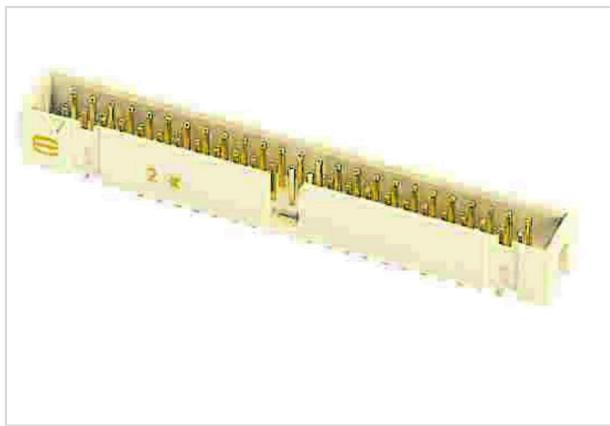


Image is for illustration purposes only. Please refer to product description.

| | |
|--------------------|---|
| Part number | 09 19 514 5324 |
| Specification | SEK-19 SV HT MA LP STR29 14P PLS4 |
| HARTING eCatalogue | https://harting.com/09195145324 |

Identification

| | |
|----------------------------|-----------------|
| Category | Connectors |
| Series | SEK Low-profile |
| Element | Male connector |
| Description of the contact | Straight |

Version

| | |
|--------------------|------------------------------------|
| Termination method | Reflow soldering termination (THR) |
| Connection type | PCB to cable PCB to PCB |
| Number of contacts | 14 |
| Termination length | 2.9 mm |

Technical characteristics

| | |
|------------------------------------|---|
| Contact rows | 2 |
| Contact spacing (termination side) | 2.54 mm |
| Rated current | 1 A |
| Insulation resistance | $>10^9 \Omega$ |
| Contact resistance | $\leq 20 \text{ m}\Omega$ |
| Limiting temperature | -55 ... +125 °C (during reflow soldering max. +240 °C for 60 s) |
| Insertion force | $\leq 28 \text{ N}$ |
| Withdrawal force | $\leq 28 \text{ N}$ |
| Performance level | NM 30 (S4) |
| Mating cycles | ≥ 250 |

Technical characteristics

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|----------------------------------|----------------------|
| Test voltage U _{r.m.s.} | 1 kV |
| 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 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 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 CSA-C22.2 No. 182.3 ECBT8.E102079 |

Commercial data

| | |
|--------------------------------|---------------|
| Packaging size | 100 |
| Net weight | 1.988 g |
| Country of origin | Romania |
| European customs tariff number | 85366990 |
| GTIN | 5713140036758 |

Page 2 / 3 | Creation date 2025-04-28 | 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.

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Commercial data

eCl@ss 27460201 PCB connector (board connector)

ETIM EC002637

UNSPSC 24.0 39121415

Cross section of solder termination

