

## SEK mezz Fe 6P THT 2.9mm PL2



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

|                    |   |
|--------------------|---|
| Part number        | 09 19 506 6824  |
| Specification      | SEK mezz Fe 6P THT 2.9mm PL2  |
| HARTING eCatalogue | <a href="https://b2b.harting.com/09195066824">https://b2b.harting.com/09195066824</a> |

### Identification

|                            |                  |
|----------------------------|------------------|
| Category                   | Connectors       |
| Series                     | SEK Mezzanine    |
| Element                    | Female connector |
| Description of the contact | Straight         |

### Version

|                    |  |
|--------------------|--|
| Termination method | Reflow soldering termination (THR)<br>Wave soldering termination |
| Connection type    | PCB to PCB<br>Motherboard to daughtercard                        |
| Number of contacts | 6  |
| 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 and withdrawal force     | $\leq 12 \text{ N}$   |
| Performance level                  | 2   |
| Mating cycles                      | $\geq 250$  |



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## Technical characteristics

|                           |                               |
|---------------------------|-------------------------------|
| Test voltage $U_{r.m.s.}$ | 1 kV                          |
| Isolation group           | IIIa ( $175 \leq CTI < 400$ ) |

## Material properties

|   |  |
|---|--|
| Material (insert)                         | Liquid crystal polymer (LCP)                             |
| Colour (insert)                           | Black  |
| Material (contacts)                       | Copper alloy   |
| Surface (contacts)                        | Sn over Ni Termination side<br>Au over Pd/Ni Mating 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      | Not contained  |

## Specifications and approvals

|                |  |
|----------------|--|
| Specifications | IEC 60603-13   |
| UL / CSA       | UL 1977 ECBT2.E102079<br>CSA-C22.2 No. 182.3 ECBT8.E102079 |

## Commercial data

|                                |  |
|--------------------------------|--|
| Packaging size                 | 100                                      |
| Net weight                     | 2.12 g                                   |
| Country of origin              | China                                    |
| European customs tariff number | 85366990                                 |
| GTIN                           | 5713140212268                            |
| eCl@ss                         | 27460201 PCB connector (board connector) |