

SEK mezz Fe 60P THT 4.5mm PL3



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|--------------------|---|
| Part number | 09 19 560 7822 |
| Specification | SEK mezz Fe 60P THT 4.5mm PL3 |
| HARTING eCatalogue | https://b2b.harting.com/09195607822 |

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

Identification

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

Version

| | |
|--------------------|--|
| Termination method | Reflow soldering termination (THR) Wave soldering termination |
| Connection type | PCB to PCB Motherboard to daughtercard |
| Number of contacts | 60 |
| Termination length | 4.5 mm |

Technical characteristics

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|------------------------------------|---|
| Contact rows | 2 |
| Contact spacing (termination side) | 2.54 mm |
| Rated current | 1 A |
| Insulation resistance | >10 ⁹ Ω |
| Contact resistance | ≤20 mΩ |
| Limiting temperature | -55 ... +125 °C (during reflow soldering max. +240 °C for 60 s) |
| Insertion force | ≤180 N |
| Withdrawal force | ≤180 N |
| Performance level | 3 |
| Mating cycles | ≥50 |

Technical characteristics

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

Material properties

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|---|--|
| Material (insert) | Liquid crystal polymer (LCP) |
| Colour (insert) | Black |
| Material (contacts) | Copper alloy |
| Surface (contacts) | Sn over Ni Termination side 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

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

Commercial data

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|--------------------------------|--|
| Packaging size | 50 |
| Net weight | 15.04 g |
| Country of origin | China |
| European customs tariff number | 85366990 |
| GTIN | 5713140212879 |
| ETIM | EC002637 |
| eCl@ss | 27460201 PCB connector (board connector) |