Product data sheet
09 19 506 6829
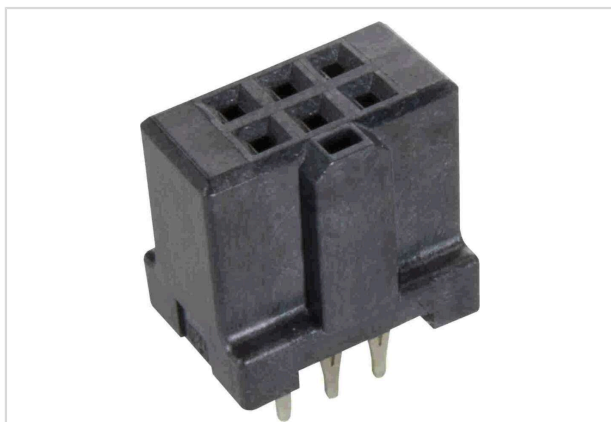SEK mezz Fe 6P Press-in 4.5mm PL2

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# SEK mezz Fe 6P Press-in 4.5mm PL2



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

| | |
|---|---|
| Part number | 09 19 506 6829 |
| Specification | SEK mezz Fe 6P Press-in 4.5mm PL2 |
| HARTING eCatalogue | https://harting.com/09195066829 |

## Identification

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

## Version

| | |
|---|---|
| Termination method | Press-in termination |
| Connection type | PCB to PCB<br>Motherboard to daughtercard |
| Number of contacts | 6 |
| Termination length | 4.5 mm |

## Technical characteristics

| | |
|---|---|
| Contact rows | 2 |
| Contact spacing (termination side) | 2.54 mm |
| Rated current | 1 A |
| Insulation resistance | $>10^9 \ \Omega$ |
| Contact resistance | $\leq20 \ m\Omega$ |
| Limiting temperature | -55 ... +125 °C |
| Insertion force | $\leq12 \ N$ |
| Withdrawal force | $\leq12 \ N$ |
| Performance level | 2 |
| Mating cycles | $\geq250$ |

Page 1 / 2 | Creation date 2025-07-23 | 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

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## Technical characteristics

| | |
|---|---|
| Test voltage $U_{r.m.s.}$ | 1 kV |
| Isolation group | IIIa (175 ≤ CTI < 400) |
| PCB thickness | 1.6 mm +1.6 |

## Material properties

| | |
|---|---|
| Material (insert) | Liquid crystal polymer (LCP) |
| Colour (insert) | Black |
| Material (contacts) | Copper alloy |
| Surface (contacts) | Nickel plated 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

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

## Commercial data

| | |
|---|---|
| Packaging size | 100 |
| Country of origin | China |
| European customs tariff number | 85366990 |
| GTIN | 5713140211056 |
| eCl@ss | 27460201 PCB connector (board connector) |
| ETIM | EC002637 |
| UNSPSC 24.0 | 39121415 |

Page 2 / 2 | Creation date 2025-07-23 | 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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