

# SEK mezz Fe 10P THR 2.9mm PL3



Part number	09 19 510 7824 741
Specification	SEK mezz Fe 10P THR 2.9mm PL3
HARTING eCatalogue	https://b2b.harting.com/09195107824741

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)
Connection type	PCB to PCB Motherboard to daughtercard
Number of contacts	10
Termination length	2.9 mm
Pack contents	Tape & reel

## **Technical characteristics**

Contact rows	2
Contact spacing (termination side)	2.54 mm
Rated current	1 A
Insulation resistance	>10 <sup>9</sup> Ω
Contact resistance	≤20 mΩ
Limiting temperature	-55 +125 °C (during reflow soldering max. +240 °C for 60 s)
Insertion force	≤30 N
Withdrawal force	≤30 N
Performance level	3

Page 1 / 2 | Creation date 2024-05-04 | 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



#### **Technical characteristics**

Mating cycles	≥50
Test voltage U <sub>r.m.s.</sub>	1 kV
Isolation group	Illa (175 ≤ CTI < 400)

#### Material properties

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

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

# Commercial data

Packaging size	160
Net weight	3.07 g
Country of origin	China
European customs tariff number	85366990
GTIN	5713140212473
ETIM	EC002637
eCl@ss	27460201 PCB connector (board connector)

Page 2 / 2 | Creation date 2024-05-04 | 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