

# SEK mezz Fe 20P THT 4.5mm PL2



Part number	09 19 520 6822
Specification	SEK mezz Fe 20P THT 4.5mm PL2
HARTING eCatalogue	https://b2b.harting.com/09195206822

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	20
Termination length	4.5 mm

## **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 and withdrawal force	≤40 N
Performance level	2
Mating cycles	≥250

Page 1 / 2 | Creation date 2022-10-19 | 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 Product data sheet 09 19 520 6822 SEK mezz Fe 20P THT 4.5mm PL2



#### Technical characteristics

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

Rono	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
Net weight	5.47 g
Country of origin	China
European customs tariff number	85366990
GTIN	5713140212695
eCl@ss	27460201 PCB connector (board connector)

Page 2 / 2 | Creation date 2022-10-19 | 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