Product data sheet
09 19 520 6829
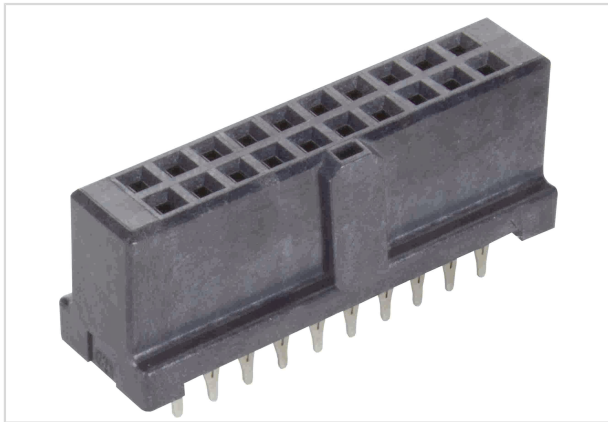SEK mezz Fe 20P Press-in 4.5mm PL2

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SEK mezz Fe 20P Press-in 4.5mm PL2

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

Part number	09 19 520 6829
Specification	SEK mezz Fe 20P Press-in 4.5mm PL2
HARTING eCatalogue	https://b2b.harting.com/09195206829

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 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	$>10^9 \ \Omega$
Contact resistance	$\leq 20 \ m\Omega$
Limiting temperature	-55 ... +125 °C
Insertion and withdrawal force	$\leq 40 \ N$
Performance level	2
Mating cycles	≥ 250
Test voltage $U_{r.m.s.}$	1 kV

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.
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Technical characteristics

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
Net weight	5.47 g
Country of origin	China
European customs tariff number	85366990
GTIN	5713140211094
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.
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