Pushing Performance
Since 1945

SEK mezz Fe 20P THR 2.9mm PL2

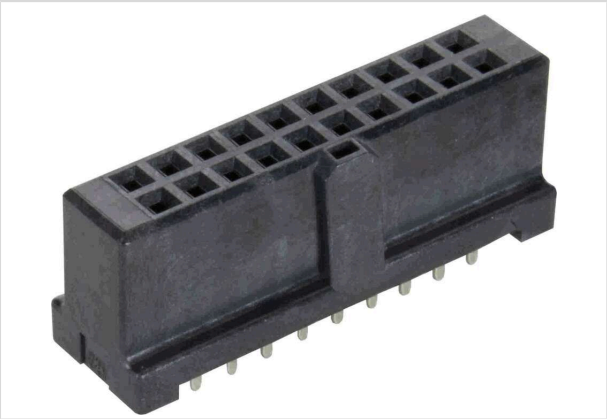


Image is for illustration purposes only. Please refer to product description.

Part number	09 19 520 6824 741
Specification	SEK mezz Fe 20P THR 2.9mm PL2
HARTING eCatalogue	https://b2b.harting.com/09195206824741

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	20
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	$>10^9$ Ω
Contact resistance	≤20 mΩ
Limiting temperature	-55 ... +125 °C (during reflow soldering max. +240 °C for 60 s)
Insertion force	≤40 N
Withdrawal force	≤40 N
Performance level	2

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Technical characteristics

Mating cycles	≥250
Test voltage $U_{r.m.s.}$	1 kV
Isolation group	IIIa (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	5 g
Country of origin	China
European customs tariff number	85366990
GTIN	5713140212336
ETIM	EC002637
eCl@ss	27460201 PCB connector (board connector)

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