

SEK mezz Fe 20P THT 2.9mm PL3



Part number	09 19 520 7824
Specification	SEK mezz Fe 20P THT 2.9mm PL3
HARTING eCatalogue	https://b2b.harting.com/09195207824

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	2.9 mm

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 and withdrawal force	≤60 N
Performance level	3
Mating cycles	≥50

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Technical characteristics

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
Surface (contacts) Material flammability class acc. to UL 94	
	Au over Pd/Ni Mating side
Material flammability class acc. to UL 94	Au over Pd/Ni Mating side V-0
Material flammability class acc. to UL 94 RoHS	Au over Pd/Ni Mating side V-0 compliant
Material flammability class acc. to UL 94 RoHS ELV status	Au over Pd/Ni Mating side V-0 compliant compliant

California Proposition 65 substances

Specifications and approvals

REACH SVHC substances

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

Not contained

Not contained

Commercial data

Packaging size	100
Net weight	5.47 g
Country of origin	China
European customs tariff number	85366990
GTIN	5713140212541
eCl@ss	27460201 PCB connector (board connector)

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