

SEK mezz Fe 16P THT 2.9mm PL2



Part number	09 19 516 6824
Specification	SEK mezz Fe 16P THT 2.9mm PL2
HARTING eCatalogue	https://harting.com/09195166824

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	16
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 force	≤32 N
Withdrawal force	≤32 N
Performance level	2
Mating cycles	≥250

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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
Material flammability class acc. to UL 94	V-0
RoHS	compliant
ELV status	compliant
China RoHS	е
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

100
4.51 g
China
85366990
5713140212329
27460201 PCB connector (board connector)
EC002637
39121415

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