

## SEK mezz Fe 16P THR 2.9mm PL3



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

Part number	09 19 516 7824 741
Specification	SEK mezz Fe 16P THR 2.9mm PL3
HARTING eCatalogue	<a href="https://b2b.harting.com/09195167824741">https://b2b.harting.com/09195167824741</a>

### 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	16
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	$>10^9 \Omega$
Contact resistance	$\leq 20 \text{ m}\Omega$
Limiting temperature	-55 ... +125 °C (during reflow soldering max. +240 °C for 60 s)
Insertion and withdrawal force	$\leq 48 \text{ N}$
Performance level	3
Mating cycles	$\geq 50$



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## Technical characteristics

Test voltage $U_{r.m.s.}$	1 kV
Isolation group	IIIa ( $175 \leq CTI < 400$ )

## 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	4.51 g
Country of origin	China
European customs tariff number	85366990
GTIN	5713140212510
eCl@ss	27460201 PCB connector (board connector)