

SEK mezz Fe 40P THT 2.9mm PL2

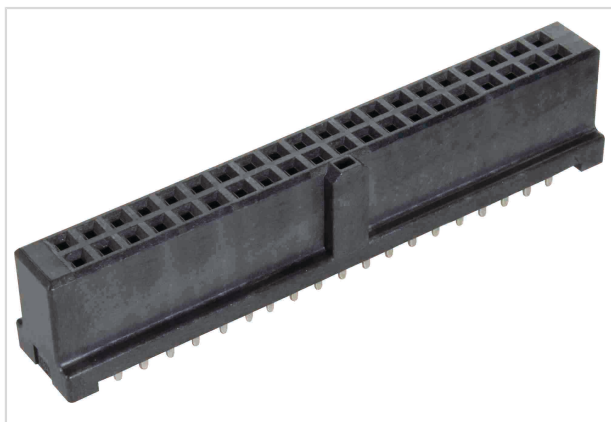


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Part number	09 19 540 6824
Specification	SEK mezz Fe 40P THT 2.9mm PL2
HARTING eCatalogue	https://b2b.harting.com/09195406824

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	40
Termination length	2.9 mm

Technical characteristics

Contact rows	2
Contact spacing (termination side)	2.54 mm
Rated current	1 A
Insulation resistance	$>10^9 \Omega$
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	$\leq 80 \text{ N}$
Performance level	2
Mating cycles	≥ 250



Pushing Performance

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

Specifications and approvals

Specifications IEC 60603-13

Commercial data

Packaging size 100

Net weight 10.25 g

Country of origin China

European customs tariff number 85366990

eCl@ss 27460201 PCB connector (board connector)