

# SEK mezz Fe 40P THT 2.9mm PL3

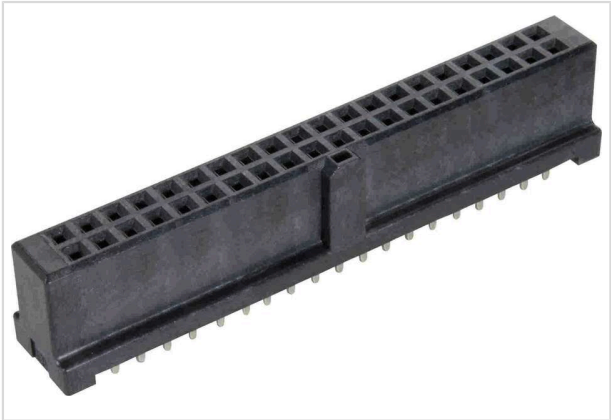


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Part number	09 19 540 7824
Specification	SEK mezz Fe 40P THT 2.9mm PL3
HARTING eCatalogue	<a href="https://b2b.harting.com/09195407824">https://b2b.harting.com/09195407824</a>

## 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 force	$\leq 120 \text{ N}$
Withdrawal force	$\leq 120 \text{ N}$
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	100
Net weight	10.25 g
Country of origin	China
European customs tariff number	85366990
GTIN	5713140212619
ETIM	EC002637
eCl@ss	27460201 PCB connector (board connector)

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