

# SEK mezz Fe 6P THR 2.9mm PL2

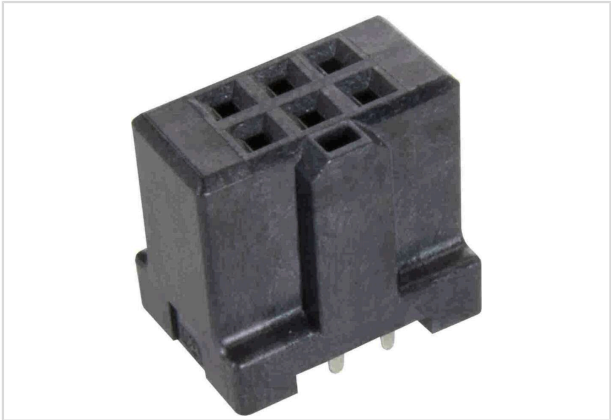


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Part number	09 19 506 6824 741
Specification	SEK mezz Fe 6P THR 2.9mm PL2
HARTING eCatalogue	<a href="https://harting.com/09195066824741">https://harting.com/09195066824741</a>

## 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	6
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 force	$\leq 12 \text{ N}$
Withdrawal force	$\leq 12 \text{ N}$
Performance level	2



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## Technical characteristics

Mating cycles	≥250
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	2.5 g
Country of origin	China
European customs tariff number	85366990
GTIN	5713140212251
ETIM	EC002637
eCl@ss	27460201 PCB connector (board connector)