

SEK mezz Fe 50P Press-in 4.5mm PL3

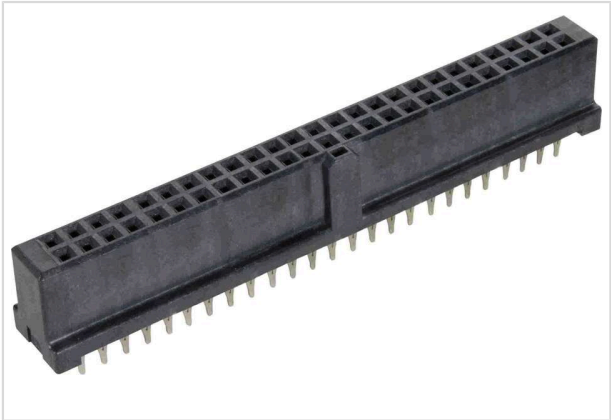


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Part number	09 19 550 7829
Specification	SEK mezz Fe 50P Press-in 4.5mm PL3
HARTING eCatalogue	https://harting.com/09195507829

Identification

Category	Connectors
Series	SEK Mezzanine
Element	Female connector
Description of the contact	Straight

Version

Termination method	Press-in termination
Connection type	PCB to PCB Motherboard to daughtercard
Number of contacts	50
Termination length	4.5 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
Insertion force	$\leq 150 \text{ N}$
Withdrawal force	$\leq 150 \text{ N}$
Performance level	3
Mating cycles	≥ 50



Pushing Performance
Since 1945

Technical characteristics

Test voltage $U_{r.m.s.}$	1 kV
Isolation group	IIIa ($175 \leq CTI < 400$)
PCB thickness	1.6 mm +1.6

Material properties

Material (insert)	Liquid crystal polymer (LCP)
Colour (insert)	Black
Material (contacts)	Copper alloy
Surface (contacts)	Nickel plated 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	50
Net weight	12.65 g
Country of origin	China
European customs tariff number	85366990
GTIN	5713140211261
eCl@ss	27460201 PCB connector (board connector)
ETIM	EC002637
UNSPSC 24.0	39121415