



Pushing Performance
Since 1945

SEK-18 SV MA STD STR45 RKZ 40P PL3

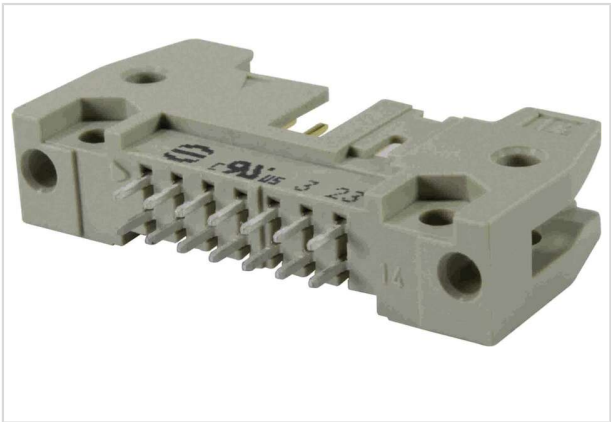


Image is for illustration purposes only. Please refer to product description.

Part number	09 18 540 7912
Specification	SEK-18 SV MA STD STR45 RKZ 40P PL3
HARTING eCatalogue	https://b2b.harting.com/09185407912

Identification

Category	Connectors
Series	SEK Standard
Element	Male connector
Description of the contact	Straight

Version

Termination method	Wave soldering termination
Connection type	PCB to cable
Number of contacts	40
Termination length	4.5 mm
Locking type	With short levers

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 and withdrawal force	$\leq 120 \text{ N}$
Performance level	3 acc. to IEC 60603-13
Mating cycles	≥ 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) Thermoplastic resin (PBT)

Colour (insert) Grey

Material (contacts) Copper alloy

Surface (contacts) Noble metal over Ni Mating side
Sn over Ni Termination 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 Yes

California Proposition 65 substances Antimony trioxide
Lead
Nickel

Requirement set with Hazard Levels R26

Specifications and approvals

Specifications IEC 60603-13

UL / CSA UL 1977 ECBT2.E102079
CSA-C22.2 No. 182.3 ECBT8.E102079

Railway classification F3/I3

Commercial data

Packaging size 50

Net weight 13.2 g

Country of origin Romania

European customs tariff number 85366990

GTIN 5713140033610

ETIM EC002637

Commercial data

eCl@ss

27460201 PCB connector (board connector)

Cross section of solder termination

