

SEK-18 SV MA STD ANG29 RKZ 06PPLS4CLIP

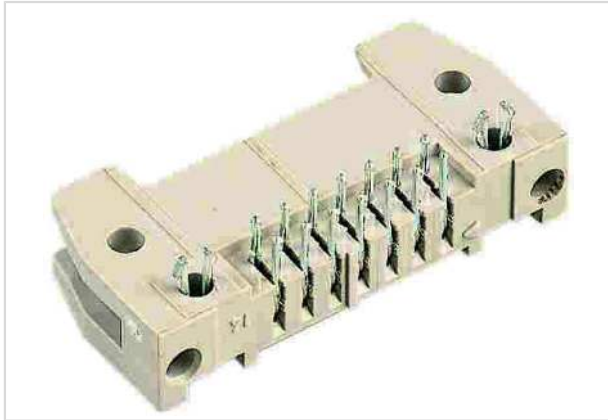


Image is for illustration purposes only. Please refer to product description.

Part number	09 18 506 5963
Specification	SEK-18 SV MA STD ANG29 RKZ 06PPLS4CLIP

Identification

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

Version

Termination method	Wave soldering termination
Connection type	PCB to cable
Number of contacts	6
Termination length	2.9 mm
PCB fixing	With board locks
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
Performance level	NM 30 (S4)
Mating cycles	≥ 250
Test voltage $U_{r.m.s.}$	1 kV

Technical characteristics

Isolation group IIIa ($175 \leq \text{CTI} < 400$)

PCB thickness 1.6 mm

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

Layer thickness $\geq 0.76 \mu\text{m}$

Layer thickness $\geq 30 \mu\text{inch}$

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

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 1

eCl@ss 27460201 PCB connector (board connector)

Cross section of solder termination

