Pushing Performance
Since 1945

SEK-18 SV MA LP ANG29 06P PL2

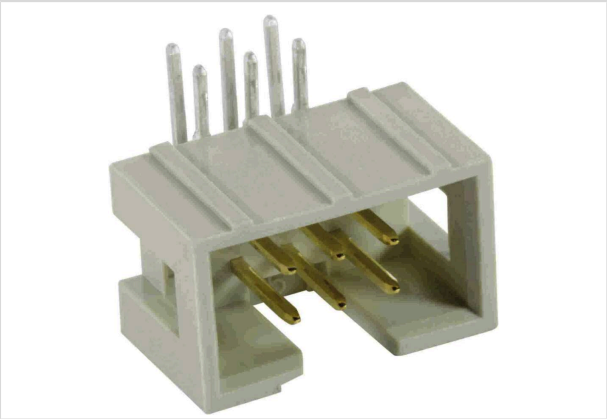


Image is for illustration purposes only. Please refer to product description.

Part number	09 18 506 6323
Specification	SEK-18 SV MA LP ANG29 06P PL2
HARTING eCatalogue	https://b2b.harting.com/09185066323

Identification

Category	Connectors
Series	SEK Low-profile
Element	Male connector
Description of the contact	Angled

Version

Termination method	Wave soldering termination
Connection type	PCB to cable Motherboard to daughtercard
Number of contacts	6
Termination length	2.9 mm

Technical characteristics

Contact rows	2
Contact spacing (termination side)	2.54 mm
Rated current	1 A
Insulation resistance	$>10^9$ Ω
Contact resistance	≤20 mΩ
Limiting temperature	-55 ... +125 °C
Insertion and withdrawal force	≤12 N
Performance level	2 acc. to IEC 60603-13
Mating cycles	≥250

HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany
Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com

Pushing Performance
Since 1945

Technical characteristics

Test voltage $U_{r.m.s.}$	1 kV
Isolation group	IIIa (175 ≤ 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	100
Net weight	2.2 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140026100
ETIM	EC002637

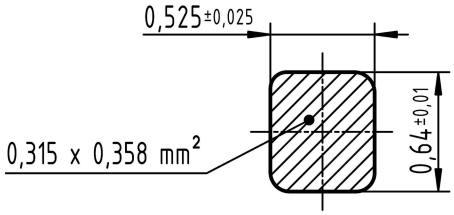
HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany
Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com

Pushing Performance
Since 1945

Commercial data

eCl@ss	27460201 PCB connector (board connector)

Cross section of solder termination



HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany
Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com