

SEK-18 SV FE TYPA 06P PL3



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

Part number	09 18 506 7803
Specification	SEK-18 SV FE TYPA 06P PL3
HARTING eCatalogue	https://harting.com/09185067803

Identification

Category	Connectors
Series	SEK
Element	Female connector

Version

Termination method	IDC insulation displacement termination
Connection type	PCB to cable
Number of contacts	6
Details	for IDC flat cable 1.27 mm (0.050") pitch AWG 28/7 - AWG 26/7

Technical characteristics

Contact rows	2
Contact spacing (termination side)	2.54 mm
Contact spacing (mating side)	1.27 mm
Rated current	2.5 A
Insulation resistance	$>10^9 \Omega$
Contact resistance	$\leq 20 \text{ m}\Omega$
Limiting temperature	-55 ... +125 °C
Insertion force	$\leq 18 \text{ N}$
Withdrawal force	$\leq 18 \text{ N}$
Performance level	3 acc. to IEC 60603-13
Mating cycles	≥ 50

Page 1 / 3 | Creation date 2026-04-29 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application.

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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	Nickel
Fire protection on railway vehicles	EN 45545-2 (2020-08) + A1 (2023-10)
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	1 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140026391
eCl@ss	27460202 PCB connector (conductor connection)
ETIM	EC002637



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UNSPSC 24.0

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