

SEK-18 SV FE TYPA ANS ZGL 06P PLS4



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

Part number	09 18 506 5814
Specification	SEK-18 SV FE TYPA ANS ZGL 06P PLS4
HARTING eCatalogue	https://harting.com/09185065814

Identification

Category	Connectors
Series	SEK
Element	Female connector
Specification	Closed end cover

Version

Termination method	IDC insulation displacement termination
Connection type	PCB to cable
Number of contacts	6
Strain relief	With strain relief clamp
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	$\leq 12 \text{ N}$
Withdrawal force	$\leq 12 \text{ N}$



Pushing Performance
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Technical characteristics

Performance level	NM 30 (S4)
Mating cycles	≥250
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
Layer thickness	≥0.76 µm
Layer thickness	≥30 µinch
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
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	1.83 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140210936



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eCl@ss	27460202 PCB connector (conductor connection)
ETIM	EC002637
UNSPSC 24.0	39121415