

# SEK-18 SV FE TYPA 06P PL3 BULK UT



Part number	09 18 506 7803 58U
Specification	SEK-18 SV FE TYPA 06P PL3 BULK UT
HARTING eCatalogue	https:// b2b.harting.com/0918506780358U

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

### Identification

Category	Connectors
Series	SEK
Element	Female connector

## Version

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
Pack contents	5000 pieces

# 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 <sup>9</sup> Ω
Contact resistance	≤20 mΩ
Limiting temperature	-55 +125 °C
Insertion force	≤18 N
Withdrawal force	≤18 N
Performance level	3 acc. to IEC 60603-13
Mating cycles	≥50

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#### Technical characteristics

Test voltage U <sub>r.m.s.</sub>	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 Nickel
Fire protection on railway vehicles	EN 45545-2 (2020-08)
Requirement set with Hazard Levels	
,	R26
Specifications and approvals	R26
	R26 IEC 60603-13
Specifications and approvals	
Specifications and approvals Specifications	IEC 60603-13 UL 1977 ECBT2.E102079
Specifications and approvals Specifications UL / CSA	IEC 60603-13 UL 1977 ECBT2.E102079 CSA-C22.2 No. 182.3 ECBT8.E102079
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Specifications and approvals Specifications UL / CSA Railway classification Commercial data	IEC 60603-13 UL 1977 ECBT2.E102079 CSA-C22.2 No. 182.3 ECBT8.E102079 F3/I3
Specifications and approvals Specifications UL / CSA Railway classification Commercial data Packaging size	IEC 60603-13 UL 1977 ECBT2.E102079 CSA-C22.2 No. 182.3 ECBT8.E102079 F3/I3 5,000
Specifications and approvals Specifications UL / CSA Railway classification Commercial data Packaging size Net weight	IEC 60603-13 UL 1977 ECBT2.E102079 CSA-C22.2 No. 182.3 ECBT8.E102079 F3/I3 5,000 0.99 g
Specifications and approvals Specifications UL / CSA Railway classification Commercial data Packaging size Net weight Country of origin	IEC 60603-13 UL 1977 ECBT2.E102079 CSA-C22.2 No. 182.3 ECBT8.E102079 F3/I3 5,000 0.99 g Romania

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Commercial data

eCl@ss

27460202 PCB connector (conductor connection)

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