Pushing Performance
Since 1945

SEK-18 SV FE TYPA 26P PL2 BLACK

Part number	09 18 526 6803 001
Specification	SEK-18 SV FE TYPA 26P PL2 BLACK

Identification

Category	Connectors
Series	SEK
Element	Female connector

Version

Connection type	PCB to cable
Number of contacts	26
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	$>10^9$ Ω
Contact resistance	≤20 mΩ
Limiting temperature	-55 ... +125 °C
Insertion force	≤52 N
Withdrawal force	≤52 N
Performance level	2 acc. to IEC 60603-13
Mating cycles	≥250
Test voltage $U_{r.m.s.}$	1 kV

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Technical characteristics

Isolation group	IIIa (175 ≤ CTI < 400)

Material properties

Material (insert)	Thermoplastic resin (PBT)
Colour (insert)	Black
Material (contacts)	Copper alloy
Surface (contacts)	Au 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

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
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140924758
ETIM	EC002637
eCl@ss	27460202 PCB connector (conductor connection)

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