

SEK-18 SV FE TYP A NS ZGL 64P PLS4



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

Part number	09 18 564 5814
Specification	SEK-18 SV FE TYP A NS ZGL 64P PLS4
HARTING eCatalogue	https://b2b.harting.com/09185645814

Identification

Category	Connectors
Series	SEK
Element	Female connector
Specification	Closed end cover

Version

Connection type	PCB to cable
Number of contacts	64
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 Ω
Contact resistance	≤20 mΩ
Limiting temperature	-55 ... +125 °C
Insertion and withdrawal force	≤128 N
Performance level	NM 30 (S4)
Mating cycles	≥250

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
Layer thickness	$\geq 0.76 \mu\text{m}$
Layer thickness	$\geq 30 \mu\text{inch}$
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
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	50
Net weight	11.96 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140035539

Commercial data

ETIM EC002637

eCl@ss 27460202 PCB connector (conductor connection)