

SEK-18 SV MA LP STR45 50P PLS4



Part number	09 18 550 5322
Specification	SEK-18 SV MA LP STR45 50P PLS4
HARTING eCatalogue	https://b2b.harting.com/09185505322

Identification

Category	Connector
Series	SEK Low-profile
Element	Male connector
Description of the contact	Straight

Version

Termination method	Wave soldering termination
Connection type	PCB to cable
Number of contacts	50
Termination length	4.5 mm
Performance level	1 NM 30 (S4)

Technical characteristics

Contact rows	2
Contact spacing (termination side)	2.54 mm
Rated current	1 A
Rated voltage	500 V
Insulation resistance	$>10^9 \Omega$
Contact resistance	$\leq 20 \text{ m}\Omega$
Limiting temperature	-55 ... +125 °C
Insertion and withdrawal force	$\leq 100 \text{ N}$
Test voltage $U_{r,m.s.}$	1 kV



Pushing Performance

Material properties

Material (insert)	Thermoplastic resin (PBT)
Colour (insert)	Grey
Material flammability class acc. to UL 94	V-0
RoHS	compliant
ELV status	compliant
China RoHS	e
REACH Annex XVII substances	No
REACH ANNEX XIV substances	No
REACH SVHC substances	No

Specifications and approvals

UL / CSA	UL 1977 ECBT2.E102079
	CSA-C22.2 No. 182.3 ECBT8.E102079

Commercial data

Packaging size	50
Net weight	9.36 g
Country of origin	Switzerland
European customs tariff number	85366953
eCl@ss	27440402 PCB connector