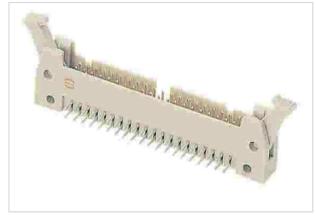


SEK-18 SV MA STD ANG29 RLG 14P PLS4



Part number	09 18 514 5903
Specification	SEK-18 SV MA STD ANG29 RLG 14P PLS4
HARTING eCatalogue	https://b2b.harting.com/09185145903

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

Identification

Category	Connectors
Series	SEK Standard
Element	Male connector
Description of the contact	Angled

Version

Termination method	Wave soldering termination
Connection type	PCB to cable
Number of contacts	14
Termination length	2.9 mm
Locking type	With long levers

Technical characteristics

Contact rows	2
Contact spacing (termination side)	2.54 mm
Rated current	1 A
Insulation resistance	>10 ⁹ Ω
Contact resistance	≤20 mΩ
Limiting temperature	-55 +125 °C
Insertion and withdrawal force	≤28 N
Performance level	NM 30 (S4)
Mating cycles	≥250
Test voltage U _{r.m.s.}	1 kV

Page 1 / 3 | Creation date 2023-04-25 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com



Technical characteristics

Isolation group	Illa (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
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
California Proposition 65 substances	Yes
California Proposition 65 substances	Antimony trioxide Lead Nickel
Requirement set with Hazard Levels	R26

Specifications and approvals

SpecificationsIEC 60603-13UL / CSAUL 1977 ECBT2.E102079 CSA-C22.2 No. 182.3 ECBT8.E102079Railway classificationF3/I3Packaging sizePackaging size100Net weight5.18 gCountry of originRomaniaEuropean customs tariff number\$5366990GTIN5713140214897		
UL / CSA CSA-C22.2 No. 182.3 ECBT8.E102079 Railway classification F3/I3 Commercial data F3/I3 Packaging size 100 Net weight 5.18 g Country of origin Romania European customs tariff number 85366990	Specifications	IEC 60603-13
Commercial data Packaging size 100 Net weight 5.18 g Country of origin Romania European customs tariff number 85366990	UL / CSA	
Packaging size100Net weight5.18 gCountry of originRomaniaEuropean customs tariff number85366990	Railway classification	F3/I3
Net weight 5.18 g Country of origin Romania European customs tariff number 85366990	Commercial data	
Country of originRomaniaEuropean customs tariff number85366990	Packaging size	100
European customs tariff number 85366990	Net weight	5.18 g
•	Country of origin	Romania
GTIN 5713140214897	European customs tariff number	85366990
	GTIN	5713140214897

Page 2 / 3 | Creation date 2023-04-25 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com Product data sheet 09 18 514 5903 SEK-18 SV MA STD ANG29 RLG 14P PLS4



Commercial data

eCl@ss

27460201 PCB connector (board connector)

Cross section of solder termination

