

SEK-19 SV HT MA LP STR29 14P PL2 VC/RE



Part number	09 19 514 6324 740
Specification	SEK-19 SV HT MA LP STR29 14P PL2 VC/RE
HARTING eCatalogue	https://b2b.harting.com/09195146324740

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

Identification

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

Version

Termination method	Reflow soldering termination (THR)				
Connection type	PCB to cable PCB to PCB				
Number of contacts	14				
Termination length	2.9 mm				
Pack contents	Tape & reel				

Technical characteristics

Contact rows	2			
Contact Tows	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 (during reflow soldering max. +240 °C for 60 s)			
Insertion and withdrawal force	≤28 N			
Performance level	2 acc. to IEC 60603-13			
Mating cycles	≥250			

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Technical characteristics

Test voltage U _{r.m.s.}	1 kV			
Isolation group	II (400 ≤ CTI < 600)			
Material properties				
Material (insert)	Thermoplastic resin (PCT)			
Colour (insert)	Beige			
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	Lead 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
	CSA-C22.2 NO. 182.3 ECB18.E 102079

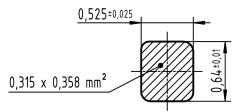
Commercial data

Packaging size	400
Net weight	1.988 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140036802
eCl@ss	27460201 PCB connector (board connector)

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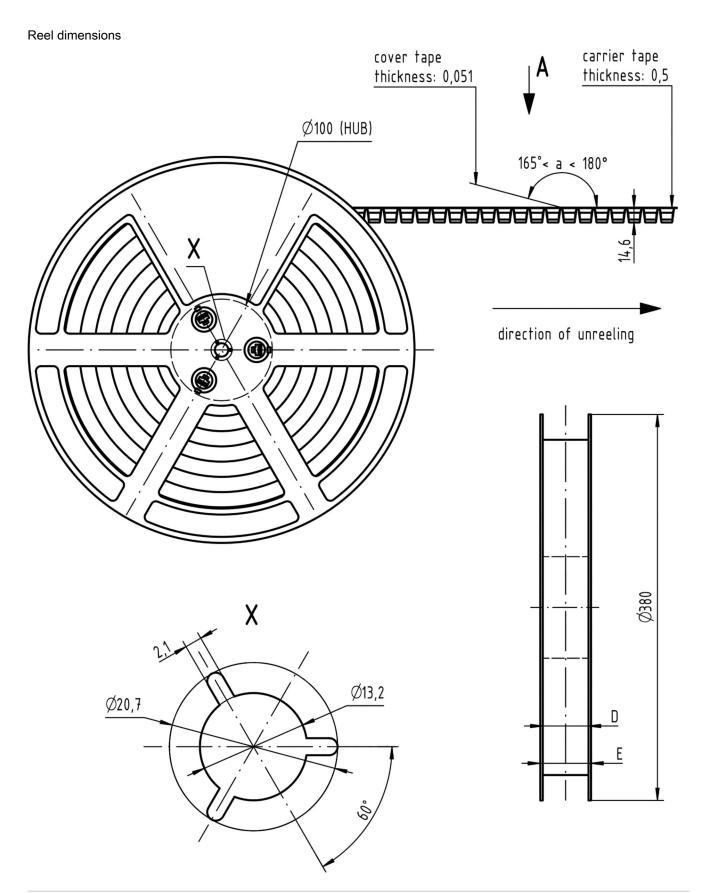


Cross section of solder termination



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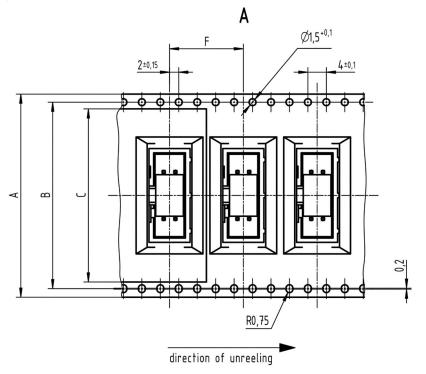
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Tape layout & packaging



[colour	Part number				
t	peige	0919 5xx x32x 740				
t	olack	0919 5xx x32x 741				

40	72	68,4	65,5	73	78	20	14	325	16
34	72	68,4	65,5	73	78	16	14	325	16
30	56	52,4	49,5	57	62	16	14	325	16
26	56	52,4	49,5	57	62	16	14	325	16
20	56	52,4	49,5	57	62	16	14	400	16
16	44	40,4	37,5	45	50	16	14	400	16
14	44	40,4	37,5	45	50	16	14	400	16
10	44	40,4	37,5	45	50	16	14	400	16
6	32	28,4	25,5	33	38	16	14	400	16
contacts	A	В	C	D	E	F	-trailer- number of empty cavities	number of connector per reel	-leader- number of empty cavities

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