

SEK-19 SV HT MA LP ANG29 26P PL3 VC/RE/B



Part number	09 19 526 7323 741	
Specification	SEK-19 SV HT MA LP ANG29 26P PL3 VC/RE/B	
HARTING eCatalogue	https://b2b.harting.com/09195267323741	

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	Angled

Version

Termination method	Reflow soldering termination (THR)
Connection type	PCB to cable
Number of contacts	26
Termination length	2.9 mm
Performance level	3
Pack contents	Tape & reel

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 (during reflow soldering max. +240 °C for 60 s)
Mating cycles	≥50
Test voltage U _{r.m.s.}	1 kV

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Technical characteristics

Isolation group	II (400 ≤ CTI < 600)		
Material properties			
Material (insert)	Thermoplastic resin (PCT)		
Colour (insert)	Black		
Material (contacts)	Copper alloy		
Surface (contacts)	Sn over Ni Termination side Gold plated Mating side		
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

Specifications	IEC 60603-13	
UL / CSA	UL 1977 ECBT2.E102079 CSA-C22.2 No. 182.3 ECBT8.E102079	
	USA-UZZZ NU. 102.3 EUD10.E 102079	

Commercial data

Packaging size	280
Net weight	5.65 g
Country of origin	Romania
European customs tariff number	85366990
eCl@ss	27460201 PCB connector (board connector)

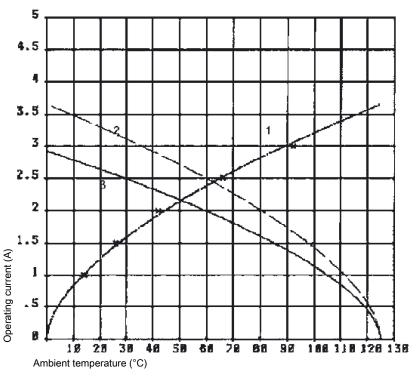
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Current carrying capacity

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. The derating curve is therefore valid for currents which flow constantly (nonintermittent) through each contact element of the connector evenly, without exceeding the allowed maximum temperature.

Measuring and testing techniques acc. to IEC 60512-5-2

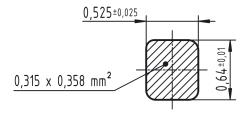


① Temperature raise

② Derating curve

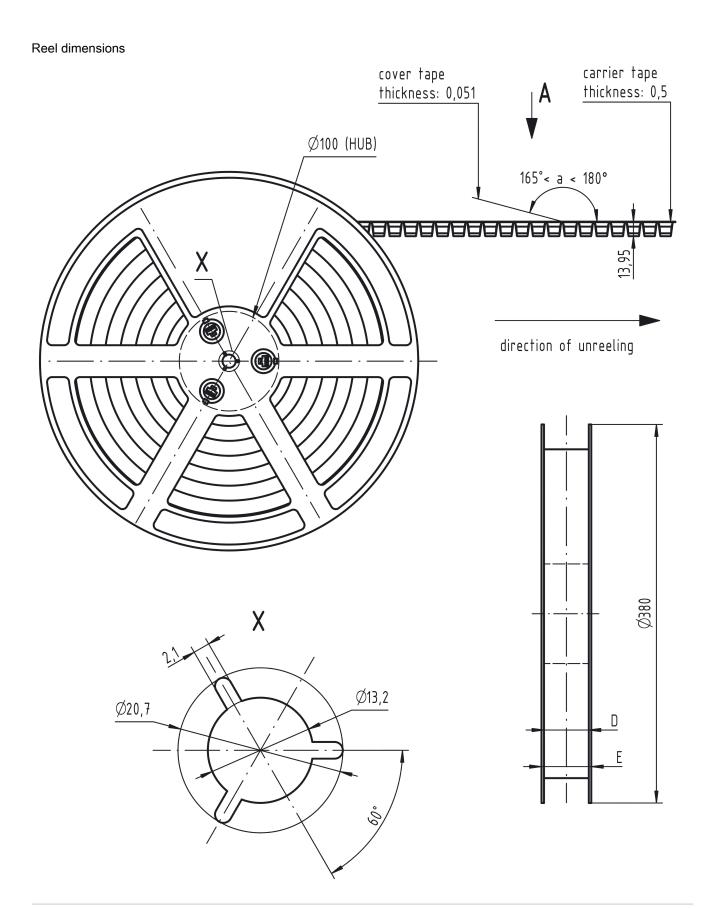
③ Derating curve 80%

Cross section of solder termination



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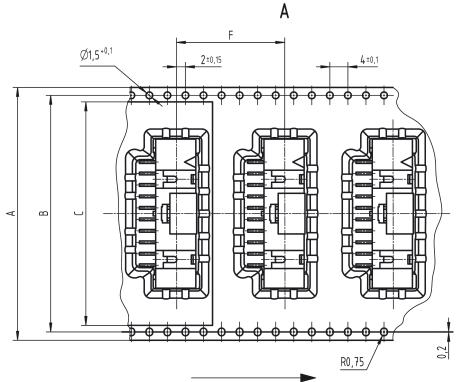


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Tape layout & packaging



direction	of	unreeling
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contacts	A	В	C	D	E	F	-trailer- number of empty cavities	number of connector per reel	-leader- number of empty cavities
40	72	68,4	65,5	73	78	24	14	280	16
34	72	68,4	65,5	73	78	24	14	280	16
30	56	52,4	49,5	57	62	24	14	280	16
26	56	52,4	49,5	57	62	24	14	280	16
20	56	52,4	49,5	57	62	24	14	280	16
16	44	40,4	37,5	45	50	24	14	280	16
14	44	40,4	37,5	45	50	24	14	280	16
10	44	40,4	37,5	45	50	24	14	280	16
6	32	28,4	25,5	33	38	24	14	280	16

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