

SEK-19 SV HT MA LP ANG29 20P PL2 VC/RE/B



Part number	09 19 520 6323 741
Specification	SEK-19 SV HT MA LP ANG29 20P PL2 VC/RE/B
HARTING eCatalogue	https://b2b.harting.com/09195206323741

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 Motherboard to daughtercard
Number of contacts	20
Termination length	2.9 mm
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)
Insertion and withdrawal force	≤40 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)	Black				
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	е				
REACH Annex XVII substances	Not contained				
REACH ANNEX XIV substances	Not contained				
REACH SVHC substances	Not contained				

Specifications and approvals

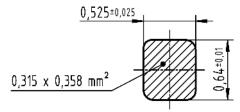
Specifications	IEC 60603-13			
UL / CSA	UL 1977 ECBT2.E102079			
OL / CSA	CSA-C22.2 No. 182.3 ECBT8.E102079			

Commercial data

Packaging size	280
Net weight	5.2 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140212121
eCl@ss	27460201 PCB connector (board connector)

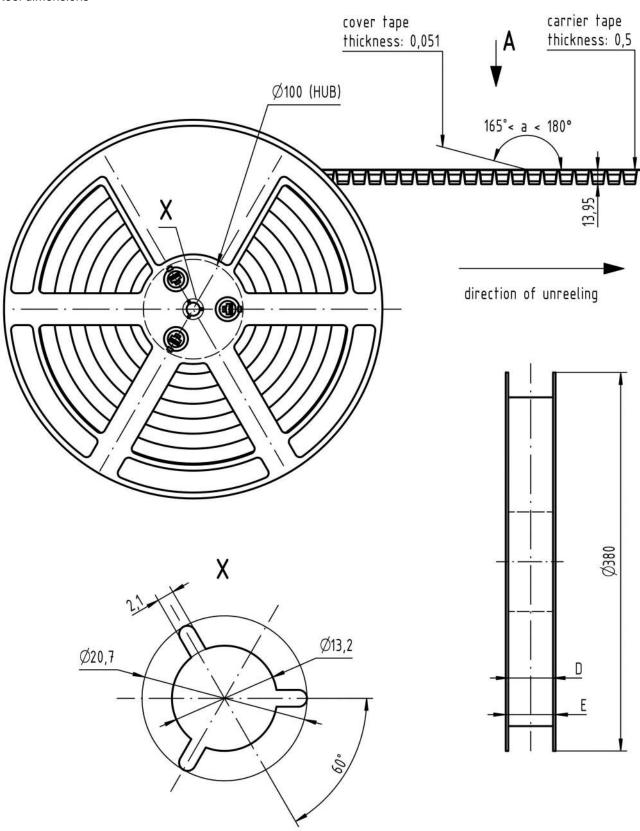


Cross section of solder termination





Reel dimensions

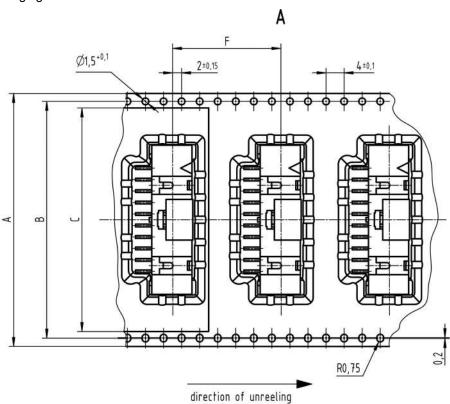


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Tape layout & packaging



contacts	A	В	С	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