

SEK-19 SV HT MA STD STR29 40P PL2 KINK

		Part number	09 19 540 6024
		Specification	SEK-19 SV HT MA STD STR29 40P PL2 KINK
Identification			
Category	Connectors		
Series	SEK Standard	t	
Element	Male connect	or	
Description of the contact	Straight Kinked		
Version			
Termination method	Reflow solder	ing termination (THR)	
Connection type	PCB to cable		
Number of contacts	40		
Termination length	2.9 mm		
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	≤80 N		
Performance level	2 acc. to IEC 60	0603-13	
Mating cycles	≥250		
Test voltage U _{r.m.s.}	1 kV		

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Technical characteristics

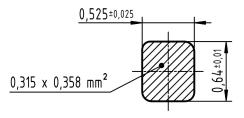
Isolation group	II (400 ≤ CTI < 600)
PCB thickness	1.5 mm +0.44
Material properties	
Material (insert)	Thermoplastic resin (PCT)
Colour (insert)	Beige
Material (contacts)	Copper alloy
Surface (contacts)	Noble metal over Ni Mating side Sn over Ni Termination side
Material flammability class acc. to UL 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
Fire protection on railway vehicles	EN 45545-2 (2020-08)
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

Commercial data

Packaging size	1
ETIM	EC002637
eCl@ss	27460201 PCB connector (board connector)

Cross section of solder termination



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