

Resettable Fuse PTC SMD2920 Series

Features

RoHS Compliant & Halogen Free

faster tripping, 2920 Dimension, Surface mountable, Solid state

Operation Current: 0.30A~3.0A

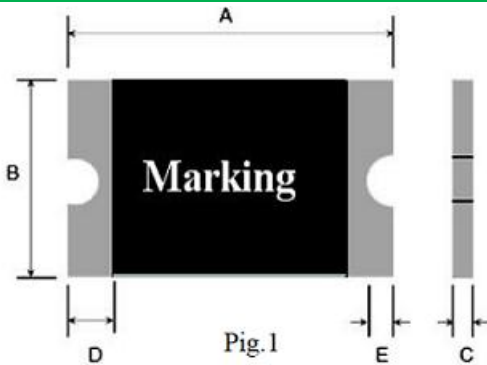
Maximum Voltage: 6V~60Vdc

Operating Temperature: -40°C to +85°C

Agency recognition: 



Dimensions(7555mm/ 2920 mils) Unit: mm



Terminal pad materials :Tin-Plated Nickle-copper
Terminal pad solderability : Meets EIA specification
RS 186-9E and ANSI/J-STD-002 Category 3.

Part number	Marking	A		B		C		D	E	Certification		Delivery Time	
		Min	max	Min	Max	Min	Max	Min	Min	UL	TUV	in stock	Produce
JK-SMD030L	JK030L	6.73	7.98	4.8	5.44	0.6	1.15	0.30	0.15	√	-	3days	18days
JK-SMD050L	JK050L	6.73	7.98	4.8	5.44	0.6	1.15	0.30	0.15	√	-	3days	18days
JK-SMD075L	JK075L	6.73	7.98	4.8	5.44	0.6	1.15	0.30	0.15	√	-	3days	18days
JK-SMD100L	JK100L	6.73	7.98	4.8	5.44	0.6	1.00	0.30	0.15	√	-	3days	18days
JK-SMD125L	JK125L	6.73	7.98	4.8	5.44	0.6	1.00	0.30	0.15	√	-	3days	18days
JK-SMD150L	JK150L	6.73	7.98	4.8	5.44	0.6	1.20	0.30	0.15	√	-	3days	18days
JK-SMD185L	JK185L	6.73	7.98	4.8	5.44	0.6	1.20	0.30	0.15	√	-	3days	18days
JK-SMD200L	JK200L	6.73	7.98	4.8	5.44	0.4	0.80	0.30	0.15	√	-	3days	18days
JK-SMD200L-24	JK200L	6.73	7.98	4.8	5.44	0.6	1.00	0.30	0.15	√	-	3days	18days
JK-SMD250L	JK250L	6.73	7.98	4.8	5.44	0.4	0.80	0.30	0.15	√	-	3days	18days
JK-SMD260L	JK260L	6.73	7.98	4.8	5.44	0.4	0.80	0.30	0.15	√	-	3days	18days
JK-SMD300L-6	JK300L	6.73	7.98	4.8	5.44	0.4	0.80	0.30	0.15	√	-	3days	18days
JK-SMD300L-16	JK300L	6.73	7.98	4.8	5.44	0.6	1.20	0.30	0.15	√	-	3days	18days

Electrical characteristics(25°C)

Part Number	I _{Hold}	I _{Trip}	V _{max}	I _{max}	P _d Max	Maximum Time to Trip		Resistance (Ω)		Certification		Delivery Time	
	A	A	DC	A	W	Current (A)	Time (S)	R _{imin}	R _{1max}	UL	TUV	in stock	Produce
JK-SMD030L	0.30	0.60	60V	100	1.5	1.5	3.0	0.60	4.80	√	-	3days	18days
JK-SMD050L	0.50	1.00	60V	100	1.5	2.5	4.0	0.18	1.40	√	-	3days	18days
JK-SMD075L	0.75	1.50	33V	100	1.5	8.0	0.3	0.10	1.00	√	-	3days	18days
JK-SMD100L	1.00	2.20	33V	100	1.5	8.0	0.5	0.065	0.41	√	-	3days	18days
JK-SMD125L	1.25	2.50	33V	100	1.5	8.0	2.0	0.05	0.25	√	-	3days	18days
JK-SMD150L	1.50	3.00	33V	100	1.5	8.0	2.0	0.035	0.23	√	-	3days	18days
JK-SMD185L	1.85	3.70	33V	100	1.5	8.0	2.5	0.03	0.15	√	-	3days	18days
JK-SMD200L	2.00	4.00	16V	100	1.5	8.0	4.5	0.02	0.12	√	-	3days	18days
JK-SMD200L-24	2.00	4.00	24V	100	1.5	8.0	4.5	0.02	0.12	√	-	3days	18days
JK-SMD250L	2.50	5.00	16V	100	1.5	8.0	16.0	0.02	0.085	√	-	3days	18days
JK-SMD260L	2.60	5.20	16V	100	1.5	8.0	10.0	0.014	0.075	√	-	3days	18days
JK-SMD300L-6	3.00	6.00	6V	100	1.5	8.0	20.0	0.012	0.048	√	-	3days	18days
JK-SMD300L-16	3.00	6.00	16V	100	1.5	8.0	20.0	0.012	0.05	√	-	3days	18days

I_{hold} = Hold Current. Maximum current device will not trip in 25°C still air.

I_{trip} = Trip Current. Minimum current at which the device will always trip in 25°C still air.

V_{max} = Maximum operating voltage device can withstand without damage at rated current (I_{max}).

I_{max} = Maximum fault current device can withstand without damage at rated voltage (V_{max}).

P_d=Maximum power dissipation when device is in the tripped state in 25°C still air environment at rated voltage.

R_{imin/max} = Minimum/Maximum device resistance prior to tripping at 25°C.

R_{1max} = Maximum device resistance is measured one hour post reflow.

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