

Resettable Fuse PTC (Low resistance)

Features

Radial led devices.

Over-current protection

High voltage surge capabilities

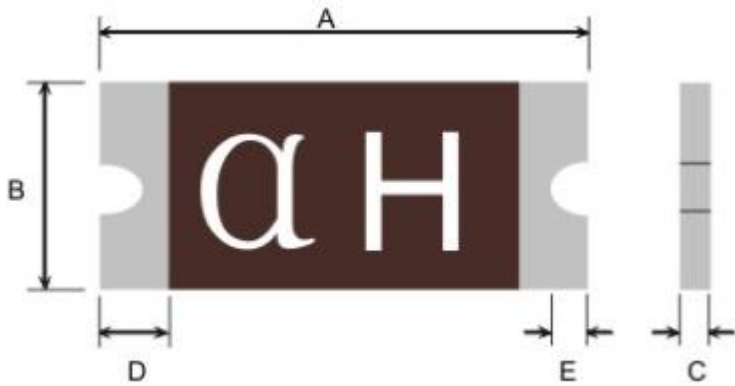
Flame retardant epoxy polymer insulating material meets UL94 V-0 requirement.

Available in lead-free version.

Agency recognition   B170501068001



Dimensions(3216mm / 1206 mils) Unit: mm



Part number	Marking	A		B		C		D		E		Safety Certification	
		Min	max	Min	Max	Min	Max	Min	Min	UL	TUV		
JK-nSMD150L	JC	3.00	3.50	1.50	1.80	0.30	0.7	0.15	0.10	✓	✓		
JK-nSMD150L-12	JC	3.00	3.50	1.50	1.80	0.30	0.7	0.15	0.10	✓	✓		
JK-nSMD175L	JD	3.00	3.50	1.50	1.80	0.30	0.7	0.15	0.10	✓	✓		
JK-nSMD175L-12	JD	3.00	3.50	1.50	1.80	0.30	0.7	0.15	0.10	✓	✓		
JK-nSMD200L	JD	3.00	3.50	1.50	1.80	0.30	0.7	0.15	0.10	✓	✓		
JK-nSMD200L-12	JD	3.00	3.50	1.50	1.80	0.30	0.7	0.15	0.10	✓	✓		
JK-nSMD260L	JL	3.00	3.50	1.50	1.80	0.40	1.0	0.15	0.10	✓	✓		
JK-nSMD260L-12	JL	3.00	3.50	1.50	1.80	0.40	1.0	0.15	0.10	✓	✓		
JK-nSMD300L	JL	3.00	3.50	1.50	1.80	0.40	1.2	0.15	0.10	✓	✓		
JK-nSMD300L-12	JL	3.00	3.50	1.50	1.80	0.40	1.2	0.15	0.10	✓	✓		
JK-nSMD350L	JO	3.00	3.50	1.50	1.80	0.40	1.2	0.15	0.10	✓	✓		
JK-nSMD350L-12	JO	3.00	3.50	1.50	1.80	0.40	1.2	0.15	0.10	✓	✓		
JK-nSMD380L	JO	3.00	3.50	1.50	1.80	0.40	1.2	0.15	0.10	✓	✓		
JK-nSMD380L-12	JO	3.00	3.50	1.50	1.80	0.40	1.2	0.15	0.10	✓	✓		

Dimensions(3216mm / 1206 mils) Unit: mm

Part number	Marking	A		B		C		D	E	Safety Certification	
		Min	max	Min	Max	Min	Max	Min	Min	UL	TUV
JK-nSMD400L	JR	3.00	3.50	1.50	1.80	0.5	1.2	0.15	0.10	√	√
JK-nSMD400L-12	JR	3.00	3.50	1.50	1.80	0.5	1.2	0.15	0.10	√	√
JK-nSMD450L	JR	3.00	3.50	1.50	1.80	0.5	1.4	0.15	0.10	√	√
JK-nSMD450L-12	JR	3.00	3.50	1.50	1.80	0.5	1.4	0.15	0.10	√	√
JK-nSMD500L	JP	3.00	3.50	1.50	1.80	0.5	1.4	0.15	0.10	√	√
JK-nSMD500L-12	JP	3.00	3.50	1.50	1.80	0.5	1.4	0.15	0.10	√	√
JK-nSMD550L	JP	3.00	3.50	1.50	1.80	0.6	1.6	0.15	0.10	√	√
JK-nSMD550L-12	JP	3.00	3.50	1.50	1.80	0.6	1.6	0.15	0.10	√	√
JK-nSMD600L	JS	3.00	3.50	1.50	1.80	0.6	1.6	0.15	0.10	√	√
JK-nSMD600L-12	JS	3.00	3.50	1.50	1.80	0.6	1.6	0.15	0.10	√	√
JK-nSMD650L	JS	3.00	3.50	1.50	1.80	0.6	1.6	0.15	0.10	√	√
JK-nSMD650L-12	JS	3.00	3.50	1.50	1.80	0.6	1.6	0.15	0.10	√	√
JK-nSMD700L	JT	3.00	3.50	1.50	1.80	0.6	1.6	0.15	0.10	√	√
JK-nSMD700L-12	JT	3.00	3.50	1.50	1.80	0.6	1.6	0.15	0.10	√	√
JK-nSMD750L	JT	3.00	3.50	1.50	1.80	0.6	1.6	0.15	0.10	√	√
JK-nSMD750L-12	JT	3.00	3.50	1.50	1.80	0.6	1.6	0.15	0.10	√	√

Electrical characteristics(25°C)

Part Number	I Hold	I Trip	Vmax	Imax	Maximum Time to Trip		Nominal resistance (Ω)		Safety Certification	
	(A)	(A)	V (DC)	A	Current (A)	Time (S)	Rmin	Rlmax	UL	TUV
JK-nSMD150L	1.5	3.0	6	50	8.0	5.0	0.01	0.065	√	√
JK-nSMD150L-12	1.5	3.0	12	50	8.0	5.0	0.01	0.065	√	√
JK-nSMD175L	1.75	3.5	6	50	8.0	5.0	0.01	0.06	√	√
JK-nSMD175L-12	1.75	3.5	12	50	8.0	5.0	0.01	0.06	√	√
JK-nSMD200L	2.0	4.0	6	50	8.0	5.0	0.008	0.04	√	√
JK-nSMD200L-12	2.0	4.0	12	50	8.0	5.0	0.008	0.04	√	√
JK-nSMD260L	2.6	5.2	6	50	8.0	5.0	0.004	0.026	√	√
JK-nSMD260L-12	2.6	5.2	12	50	8.0	5.0	0.004	0.026	√	√
JK-nSMD300L	3.0	6.0	6	50	15.0	2.0	0.004	0.02	√	√
JK-nSMD300L-12	3.0	6.0	12	50	15.0	2.0	0.004	0.02	√	√
JK-nSMD350L	3.5	7.0	6	50	17.5	2.0	0.004	0.018	√	√
JK-nSMD350L-12	3.5	7.0	12	50	17.5	2.0	0.004	0.018	√	√
JK-nSMD380L	3.8	7.6	6	50	19.0	2.0	0.004	0.016	√	√

Electrical characteristics(25°C)

Part Number	I Hold	I Trip	Vmax	Imax	Maximum Time to Trip		Nominal resistance (Ω)		Safety Certification	
	(A)	(A)	V (DC)	A	Current(A)	Time (S)	Rmin	Rlmax	UL	TUV
JK-nSMD380L-12	3.8	7.6	12	50	19.0	2.0	0.004	0.016	√	√
JK-nSMD400L	4.0	8.0	6	50	20.0	2.0	0.004	0.014	√	√
JK-nSMD400L-12	4.0	8.0	12	50	20.0	2.0	0.004	0.014	√	√
JK-nSMD450L	4.5	9.0	6	50	22.5	2.0	0.002	0.012	√	√
JK-nSMD450L-12	4.5	9.0	12	50	22.5	2.0	0.002	0.012	√	√
JK-nSMD500L	5.0	10.0	6	50	25.0	2.0	0.002	0.011	√	√
JK-nSMD500L-12	5.0	10.0	12	50	25.0	2.0	0.002	0.011	√	√
JK-nSMD550L	5.5	11.0	6	50	27.5	2.0	0.002	0.010	√	√
JK-nSMD550L-12	5.5	11.0	12	50	27.5	2.0	0.002	0.010	√	√
JK-nSMD600L	6.0	12.0	6	50	30.0	2.0	0.002	0.009	√	√
JK-nSMD600L-12	6.0	12.0	12	50	30.0	2.0	0.002	0.009	√	√
JK-nSMD650L	6.5	13.0	6	50	32.5	2.0	0.001	0.009	√	√
JK-nSMD650L-12	6.5	13.0	12	50	32.5	2.0	0.001	0.009	√	√
JK-nSMD700L	7.0	14.0	6	50	35.0	2.0	0.001	0.008	√	√
JK-nSMD700L-12	7.0	14.0	12	50	35.0	2.0	0.001	0.008	√	√
JK-nSMD750L	7.5	15.0	6	50	37.5	2.0	0.001	0.007	√	√
JK-nSMD750L-12	7.5	15.0	12	50	37.5	2.0	0.001	0.007	√	√

- I_H = Hold current: maximum current device will pass without tripping in 25°C still air.
- I_T = Trip current: minimum current at which the device will trip in 25°C still air.
- V_{MAXI} = Maximum interrupt voltage device can withstand without damage at rated current.
- I_{MAX} = Maximum fault current device can withstand without damage at rated voltage.
- R_{MAX} = Maximum resistance of device in initial (un-soldered) state.
- R_{MIN} = Minimum resistance of device in initial (un-soldered) state.

Operating temperature: -40°C ~+85°C



Packing Quantity:

Part number	Packing Quantity	Part number	Packing Quantity
JK-nSMD150L	5000pcs	JK-nSMD400L-12	3500pcs
JK-nSMD150L-12	5000pcs	JK-nSMD450L	3500pcs
JK-nSMD175L	5000pcs	JK-nSMD450L-12	3500pcs
JK-nSMD175L-12	5000pcs	JK-nSMD500L	3500pcs
JK-nSMD200L	5000pcs	JK-nSMD500L-12	3500pcs
JK-nSMD200L-12	5000pcs	JK-nSMD550L	3500pcs
JK-nSMD260L	5000pcs	JK-nSMD550L-12	3500pcs
JK-nSMD260L-12	5000pcs	JK-nSMD600L	3500pcs
JK-nSMD300L	5000pcs	JK-nSMD600L-12	3500pcs
JK-nSMD300L-12	5000pcs	JK-nSMD650L	3500pcs
JK-nSMD350L	5000pcs	JK-nSMD650L-12	3500pcs
JK-nSMD350L-12	5000pcs	JK-nSMD700L	3500pcs
JK-nSMD380L	3500pcs	JK-nSMD700L-12	3500pcs
JK-nSMD380L-12	3500pcs	JK-nSMD750L	3500pcs
JK-nSMD400L	3500pcs	JK-nSMD750L-12	3500pcs

Specifications are subject to change without notice

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