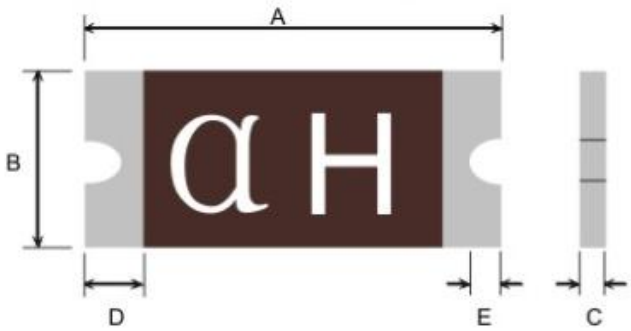
Low Resistance Resettable Fuse PTC SMD1206 Series

Features

RoHS Compliant & Halogen Free
faster tripping, 1206 Dimension, Surface mountable, Solid state
Operation Current: 1.5A~7.5A
Maximum Voltage: 6V /12Vdc
Operating Temperature：-40℃ to +85℃
Agency recognition:

Dimensions(3216mm/ 1206 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-nSMD150L	JC	3.00	3.50	1.50	1.8	0.30	0.70	0.15	0.10	√	√	3days	18days
JK-nSMD150L-12	JC	3.00	3.50	1.50	1.8	0.30	0.70	0.15	0.10	√	-	3days	18days
JK-nSMD175L	JD	3.00	3.50	1.50	1.8	0.30	0.70	0.15	0.10	√	√	3days	18days
JK-nSMD175L-12	JD	3.00	3.50	1.50	1.8	0.30	0.70	0.15	0.10	√	√	3days	18days
JK-nSMD200L	JD	3.00	3.50	1.50	1.8	0.30	0.70	0.15	0.10	√	√	3days	18days
JK-nSMD200L-12	JD	3.00	3.50	1.50	1.8	0.30	0.70	0.15	0.10	√	√	3days	18days
JK-nSMD260L	JL	3.00	3.50	1.50	1.8	0.40	1.00	0.15	0.10	√	√	3days	18days
JK-nSMD260L-12	JL	3.00	3.50	1.50	1.8	0.40	1.00	0.15	0.10	√	√	3days	18days
JK-nSMD300L	JL	3.00	3.50	1.50	1.8	0.40	1.20	0.15	0.10	√	√	3days	18days
JK-nSMD300L-12	JL	3.00	3.50	1.50	1.8	0.40	1.20	0.15	0.10	√	√	3days	18days
JK-nSMD350L	JO	3.00	3.50	1.50	1.8	0.40	1.20	0.15	0.10	√	√	3days	18days
JK-nSMD350L-12	JO	3.00	3.50	1.50	1.8	0.40	1.20	0.15	0.10	√	√	3days	18days
JK-nSMD380L	JO	3.00	3.50	1.50	1.8	0.40	1.20	0.15	0.10	√	√	3days	18days
JK-nSMD380L-12	JO	3.00	3.50	1.50	1.8	0.40	1.20	0.15	0.10	√	√	3days	18days

Dimensions(3216mm/ 1206 mils) Unit: mm

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-nSMD400L	JR	3.00	3.50	1.50	1.8	0.50	1.20	0.15	0.10	√	√	3days	18days
JK-nSMD400L-12	JR	3.00	3.50	1.50	1.8	0.50	1.20	0.15	0.10	√	√	3days	18days
JK-nSMD450L	JR	3.00	3.50	1.50	1.8	0.50	1.40	0.15	0.10	√	√	3days	18days
JK-nSMD450L-12	JR	3.00	3.50	1.50	1.8	0.50	1.40	0.15	0.10	√	√	3days	18days
JK-nSMD500L	JP	3.00	3.50	1.50	1.8	0.50	1.40	0.15	0.10	√	√	3days	18days
JK-nSMD500L-12	JP	3.00	3.50	1.50	1.8	0.50	1.40	0.15	0.10	√	-	3days	18days
JK-nSMD550L	JP	3.00	3.50	1.50	1.8	0.60	1.60	0.15	0.10	√	√	3days	18days
JK-nSMD550L-12	JP	3.00	3.50	1.50	1.8	0.60	1.60	0.15	0.10	√	-	3days	18days
JK-nSMD600L	JS	3.00	3.50	1.50	1.8	0.60	1.60	0.15	0.10	√	√	3days	18days
JK-nSMD600L-12	JS	3.00	3.50	1.50	1.8	0.60	1.60	0.15	0.10	√	-	3days	18days
JK-nSMD650L	JS	3.00	3.50	1.50	1.8	0.60	1.60	0.15	0.10	√	-	3days	18days
JK-nSMD650L-12	JS	3.00	3.50	1.50	1.8	0.60	1.60	0.15	0.10	√	-	3days	18days
JK-nSMD700L	JT	3.00	3.50	1.50	1.8	0.60	1.60	0.15	0.10	√	-	3days	18days
JK-nSMD700L-12	JT	3.00	3.50	1.50	1.8	0.60	1.60	0.15	0.10	√	-	3days	18days
JK-nSMD750L	JT	3.00	3.50	1.50	1.8	0.60	1.60	0.15	0.10	√	-	3days	18days
JK-nSMD750L-12	JT	3.00	3.50	1.50	1.8	0.60	1.60	0.15	0.10	√	-	3days	18days

Electrical characteristics(25℃)

Part Number	I Hold	I Trip	Vmax	Imax	Pd Max	Maximum Time to Trip		Resistance（Ω）		Certification		Delivery Time	
	A	A	DC	A	W	Current（A）	Time（S）	Rimin	R1max	UL	TUV	in stock	Produce
JK-nSMD150L	1.5	3.0	6V	50	0.8	8.0	5.0	0.01	0.065	√	√	3days	18days
JK-nSMD150L-12	1.5	3.0	12V	50	0.8	8.0	5.0	0.01	0.065	√	-	3days	18days
JK-nSMD175L	1.75	3.5	6V	50	0.8	8.0	5.0	0.01	0.06	√	√	3days	18days
JK-nSMD175L-12	1.75	3.5	12V	50	0.8	8.0	5.0	0.01	0.06	√	√	3days	18days
JK-nSMD200L	2.0	4.0	6V	50	0.8	8.0	5.0	0.008	0.04	√	√	3days	18days
JK-nSMD200L-12	2.0	4.0	12V	50	0.8	8.0	5.0	0.008	0.04	√	√	3days	18days
JK-nSMD260L	2.6	5.2	6V	50	0.8	8.0	5.0	0.004	0.026	√	√	3days	18days
JK-nSMD260L-12	2.6	5.2	12V	50	0.8	8.0	5.0	0.004	0.026	√	√	3days	18days
JK-nSMD300L	3.0	6.0	6V	50	0.8	15.0	2.0	0.004	0.02	√	√	3days	18days
JK-nSMD300L-12	3.0	6.0	12V	50	0.8	15.0	2.0	0.004	0.02	√	√	3days	18days

Electrical characteristics(25℃)

Part Number	I Hold	I Trip	Vmax	Imax	Pd Max	Maximum Time to Trip		Resistance（Ω）		Certification		Delivery Time	
						Current（A）	Time（S）					in stock	Produce
	A	A	DC	A	W			Rimin	R1max	UL	TUV		
JK-nSMD350L	3.5	7.0	6V	50	1.0	17.5	2.0	0.004	0.018	√	√	3days	18days
JK-nSMD350L-12	3.5	7.0	12V	50	1.0	17.5	2.0	0.004	0.018	√	√	3days	18days
JK-nSMD380L	3.8	7.6	6V	50	1.0	19.0	2.0	0.004	0.016	√	√	3days	18days
JK-nSMD380L-12	3.8	7.6	12V	50	1.0	19.0	2.0	0.004	0.016	√	√	3days	18days
JK-nSMD400L	4.0	8.0	6V	50	1.0	20.0	2.0	0.004	0.014	√	√	3days	18days
JK-nSMD400L-12	4.0	8.0	12V	50	1.0	20.0	2.0	0.004	0.014	√	√	3days	18days
JK-nSMD450L	4.5	9.0	6V	50	1.0	22.5	2.0	0.002	0.012	√	√	3days	18days
JK-nSMD450L-12	4.5	9.0	12V	50	1.0	22.5	2.0	0.002	0.012	√	√	3days	18days
JK-nSMD500L	5.0	10.0	6V	50	1.0	25.0	2.0	0.002	0.011	√	√	3days	18days
JK-nSMD500L-12	5.0	10.0	12V	50	1.0	25.0	2.0	0.002	0.011	√	-	3days	18days
JK-nSMD550L	5.5	11.0	6V	50	1.2	27.5	2.0	0.002	0.010	√	√	3days	18days
JK-nSMD550L-12	5.5	11.0	12V	50	1.2	27.5	2.0	0.002	0.010	√	-	3days	18days
JK-nSMD600L	6.0	12.0	6V	50	1.2	30.0	2.0	0.002	0.009	√	√	3days	18days
JK-nSMD600L-12	6.0	12.0	12V	50	1.2	30.0	2.0	0.002	0.009	√	-	3days	18days
JK-nSMD650L	6.5	13.0	6V	50	1.2	32.5	2.0	0.001	0.009	√	-	3days	18days
JK-nSMD650L-12	6.5	13.0	12V	50	1.2	32.5	2.0	0.001	0.009	√	-	3days	18days
JK-nSMD700L	7.0	14.0	6V	50	1.2	35.0	2.0	0.001	0.008	√	-	3days	18days
JK-nSMD700L-12	7.0	14.0	12V	50	1.2	35.0	2.0	0.001	0.008	√	-	3days	18days
JK-nSMD750L	7.5	15.0	6V	50	1.2	37.5	2.0	0.001	0.007	√	-	3days	18days
JK-nSMD750L-12	7.5	15.0	12V	50	1.2	37.5	2.0	0.001	0.007	√	-	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 (Imax).

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

Maximum Time-to-trip: Maximum time to trip at assigned current.

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

$R_{i\,min/max}$ = Minimum/Maximum device resistance prior to tripping at 25°C.

$R1_{max}$ = Maximum device resistance is measured one hour post reflow.

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