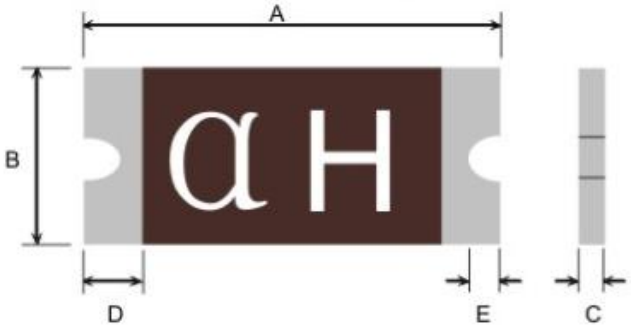
Resettable Fuse PTC SMD1206 Series

Features

RoHS Compliant & Halogen Free
faster tripping, 1206 Dimension, Surface mountable, Solid state
Operation Current: 0.05A~2.0A
Maximum Voltage: 6V~60Vdc
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-nSMD005	JZ	3.00	3.50	1.50	1.8	0.6	1.10	0.15	0.10	√	√	3days	18days
JK-nSMD010	JN	3.00	3.50	1.50	1.8	0.6	1.10	0.15	0.10	√	√	3days	18days
JK-nSMD010-33	JN	3.00	3.50	1.50	1.8	0.5	1.10	0.15	0.10	√	√	3days	18days
JK-nSMD12	JN	3.00	3.50	1.50	1.8	0.6	1.10	0.15	0.10	√	√	3days	18days
JK-nSMD016	JF	3.00	3.50	1.50	1.8	0.4	0.90	0.15	0.10	√	√	3days	18days
JK-nSMD020	JF	3.00	3.50	1.50	1.8	0.4	0.90	0.15	0.10	√	√	3days	18days
JK-nSMD025	JF	3.00	3.50	1.50	1.8	0.4	0.90	0.15	0.10	√	√	3days	18days
JK-nSMD030	JB	3.00	3.50	1.50	1.8	0.4	0.90	0.15	0.10	-	√	3days	18days
JK-nSMD035	JB	3.00	3.50	1.50	1.8	0.4	0.90	0.15	0.10	√	√	3days	18days
JK-nSMD050	JG	3.00	3.50	1.50	1.8	0.35	0.85	0.15	0.10	√	√	3days	18days
JK-nSMD050-13.2	JG	3.00	3.50	1.50	1.8	0.35	0.85	0.15	0.10	√	√	3days	18days
JK-nSMD050-16	JG	3.00	3.50	1.50	1.8	0.35	0.85	0.15	0.10	-	√	3days	18days
JK-nSMD050-24	JG	3.00	3.50	1.50	1.8	0.35	1.20	0.15	0.10	√	√	3days	18days
JK-nSMD050-30	JG	3.00	3.50	1.50	1.8	0.35	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-nSMD075	JA	3.00	3.50	1.50	1.8	0.35	0.85	0.15	0.10	√	√	3days	18days
JK-nSMD075-13.2	JA	3.00	3.50	1.50	1.8	0.35	0.85	0.15	0.10	√	√	3days	18days
JK-nSMD075-16	JA	3.00	3.50	1.50	1.8	0.6	1.30	0.15	0.10	√	√	3days	18days
JK-nSMD100	JH	3.00	3.50	1.50	1.8	0.4	0.8	0.15	0.10	√	√	3days	18days
JK-nSMD100-13.2	JH	3.00	3.50	1.50	1.8	0.4	1.3	0.15	0.10	-	√	3days	18days
JK-nSMD100-16	JH	3.00	3.50	1.50	1.8	0.4	1.3	0.15	0.10	√	√	3days	18days
JK-nSMD110	JH	3.00	3.50	1.50	1.8	0.4	0.8	0.15	0.10	√	√	3days	18days
JK-nSMD150	JI	3.00	3.50	1.50	1.8	0.6	1.50	0.15	0.10	√	√	3days	18days
JK-nSMD200	JK	3.00	3.50	1.50	1.8	0.7	1.70	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-nSMD005	0.05	0.15	60V	100	0.6	0.25	1.50	3.600	50.0	√	√	3days	18days
JK-nSMD010	0.10	0.25	60V	100	0.6	0.5	1.00	1.600	15.0	√	√	3days	18days
JK-nSMD010-33	0.10	0.25	33V	100	0.6	0.5	1.00	1.600	15.0	√	√	3days	18days
JK-nSMD12	0.12	0.29	30V	100	0.6	1.00	0.20	1.350	10.0	√	√	3days	18days
JK-nSMD016	0.16	0.37	30V	100	0.6	1.00	0.30	1.000	4.50	√	√	3days	18days
JK-nSMD020	0.20	0.46	24V	100	0.6	8.0	0.08	0.350	3.50	√	√	3days	18days
JK-nSMD025	0.25	0.50	16V	100	0.6	8.0	0.08	0.350	2.50	√	√	3days	18days
JK-nSMD030	0.30	0.65	16V	100	0.6	8.0	0.10	0.250	2.00	-	√	3days	18days
JK-nSMD035	0.35	0.75	16V	100	0.6	8.0	0.10	0.250	1.30	√	√	3days	18days
JK-nSMD050	0.50	1.00	6V	100	0.6	8.0	0.10	0.150	0.70	√	√	3days	18days
JK-nSMD050-13.2	0.50	1.00	13.2V	100	0.6	8.0	0.10	0.150	0.70	√	√	3days	18days
JK-nSMD050-16	0.50	1.00	16V	100	0.6	8.0	0.10	0.150	0.75	-	√	3days	18days
JK-nSMD050-24	0.50	1.00	24V	100	0.6	8.0	0.10	0.150	0.75	√	√	3days	18days
JK-nSMD050-30	0.50	1.00	30V	100	0.6	8.0	0.10	0.150	0.75	√	√	3days	18days
JK-nSMD075	0.75	1.50	6V	100	0.6	8.0	0.2	0.090	0.50	√	√	3days	18days
JK-nSMD075-13.2	0.75	1.50	13.2V	100	0.6	8.0	0.2	0.090	0.50	√	√	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-nSMD075-16	0.75	1.50	16V	100	0.6	8.0	0.2	0.090	0.50	√	√	3days	18days
JK-nSMD100	1.00	1.80	6V	100	0.8	8.0	0.3	0.055	0.27	√	√	3days	18days
JK-nSMD100-13.2	1.00	1.80	13.2V	100	0.8	8.0	0.3	0.055	0.27	-	√	3days	18days
JK-nSMD100-16	1.00	1.80	16V	100	0.8	8.0	0.3	0.055	0.33	√	√	3days	18days
JK-nSMD110	1.10	1.80	8V	100	0.8	8.0	0.3	0.050	0.23	√	√	3days	18days
JK-nSMD150	1.50	3.00	6V	100	0.8	8.0	1.0	0.040	0.13	√	√	3days	18days
JK-nSMD200	2.00	3.50	6V	100	0.8	8.0	1.0	0.018	0.08	√	√	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).

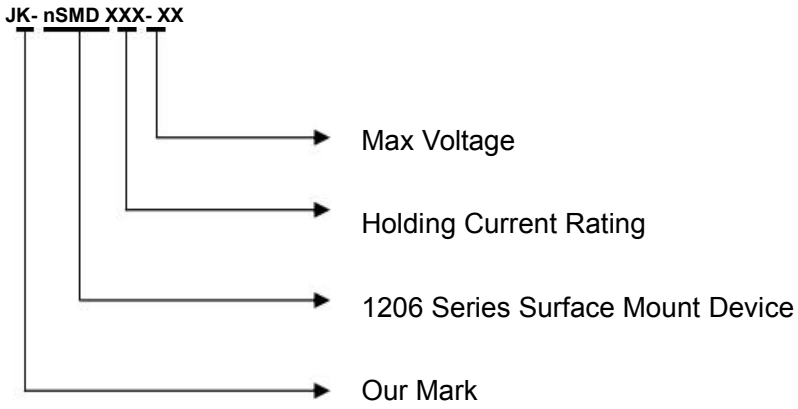
I_{max} = Maximum fault current device can withstand without damage at rated voltage (Vmax).

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

$Ri_{min/max}$ = Minimum/Maximum device resistance prior to tripping at 25°C.

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

Part number System



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