

Low Resistance Resettable Fuse PTC SMD0805 Series

Features

RoHS Compliant & Halogen Free

faster tripping, 0805 Dimension, Surface mountable, Solid state

Operation Current: 0.75A~4.0A

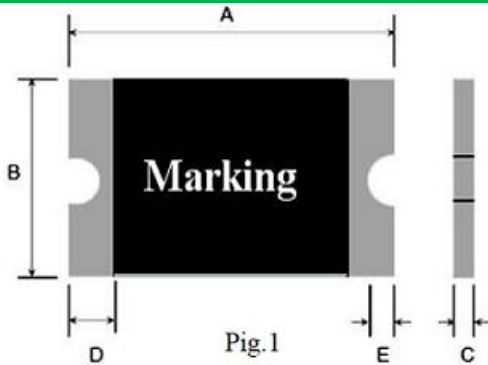
Maximum Voltage: 6V / 12Vdc

Operating Temperature: -40°C to +85°C

Agency recognition: 



Dimensions(2012mm/ 0805 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-SMD0805-075L	A	2.0	2.20	1.2	1.50	0.3	0.7	0.20	0.1	√	-	3days	18days
JK-SMD0805-075L-12	A	2.0	2.20	1.2	1.50	0.3	0.7	0.20	0.1	√	-	3days	18days
JK-SMD0805-110L	D	2.0	2.20	1.2	1.50	0.3	0.7	0.20	0.1	√	-	3days	18days
JK-SMD0805-110L-12	D	2.0	2.20	1.2	1.50	0.3	0.7	0.20	0.1	√	-	3days	18days
JK-SMD0805-125L	D	2.0	2.20	1.2	1.50	0.3	0.7	0.20	0.1	√	-	3days	18days
JK-SMD0805-125L-12	D	2.0	2.20	1.2	1.50	0.3	0.7	0.20	0.1	√	-	3days	18days
JK-SMD0805-150L	E	2.0	2.20	1.2	1.50	0.4	1.0	0.20	0.1	√	-	3days	18days
JK-SMD0805-150L-12	E	2.0	2.20	1.2	1.50	0.4	1.0	0.20	0.1	√	-	3days	18days
JK-SMD0805-175L	E	2.0	2.20	1.2	1.50	0.4	1.0	0.20	0.1	√	-	3days	18days
JK-SMD0805-175L-12	E	2.0	2.20	1.2	1.50	0.4	1.0	0.20	0.1	√	-	3days	18days
JK-SMD0805-200L	E	2.0	2.20	1.2	1.50	0.4	1.2	0.20	0.1	√	-	3days	18days
JK-SMD0805-200L-12	E	2.0	2.20	1.2	1.50	0.4	1.2	0.20	0.1	√	-	3days	18days
JK-SMD0805-260L	H	2.0	2.20	1.2	1.50	0.4	1.2	0.20	0.1	√	-	3days	18days
JK-SMD0805-260L-12	H	2.0	2.20	1.2	1.50	0.4	1.2	0.20	0.1	√	-	3days	18days

Dimensions(2012mm/ 0805 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-SMD0805-300L	H	2.0	2.20	1.2	1.50	0.5	1.4	0.20	0.1	√	-	3days	18days
JK-SMD0805-300L-12	H	2.0	2.20	1.2	1.50	0.5	1.4	0.20	0.1	√	-	3days	18days
JK-SMD0805-350L	K	2.0	2.20	1.2	1.50	0.5	1.4	0.20	0.1	√	-	3days	18days
JK-SMD0805-350L-12	K	2.0	2.20	1.2	1.50	0.5	1.4	0.20	0.1	√	-	3days	18days
JK-SMD0805-380L	K	2.0	2.20	1.2	1.50	0.6	1.6	0.20	0.1	√	-	3days	18days
JK-SMD0805-380L-12	K	2.0	2.20	1.2	1.50	0.6	1.6	0.20	0.1	√	-	3days	18days
JK-SMD0805-400L	K	2.0	2.20	1.2	1.50	0.6	1.6	0.20	0.1	√	-	3days	18days
JK-SMD0805-400L-12	K	2.0	2.20	1.2	1.50	0.6	1.6	0.20	0.1	√	-	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-SMD0805-075L	0.75	1.5	6V	50	0.7	8.0	1.0	0.020	0.160	√	-	3days	18days
JK-SMD0805-075L-12	0.75	1.5	12V	50	0.7	8.0	1.0	0.020	0.160	√	-	3days	18days
JK-SMD0805-110L	1.1	2.2	6V	50	0.7	8.0	1.0	0.018	0.110	√	-	3days	18days
JK-SMD0805-110L-12	1.1	2.2	12V	50	0.7	8.0	1.0	0.018	0.110	√	-	3days	18days
JK-SMD0805-125L	1.25	2.5	6V	50	0.7	8.0	1.0	0.016	0.100	√	-	3days	18days
JK-SMD0805-125L-12	1.25	2.5	12V	50	0.7	8.0	1.0	0.016	0.100	√	-	3days	18days
JK-SMD0805-150L	1.5	3.0	6V	50	0.7	8.0	1.0	0.008	0.065	√	-	3days	18days
JK-SMD0805-150L-12	1.5	3.0	12V	50	0.7	8.0	1.0	0.008	0.065	√	-	3days	18days
JK-SMD0805-175L	1.75	3.5	6V	50	0.7	8.75	2.0	0.008	0.055	√	-	3days	18days
JK-SMD0805-175L-12	1.75	3.5	12V	50	0.7	8.75	2.0	0.008	0.055	√	-	3days	18days
JK-SMD0805-200L	2.0	4.0	6V	50	0.7	10.0	2.0	0.006	0.045	√	-	3days	18days
JK-SMD0805-200L-12	2.0	4.0	12V	50	0.7	10.0	2.0	0.006	0.045	√	-	3days	18days
JK-SMD0805-260L	2.6	5.2	6V	50	0.7	13.0	2.0	0.003	0.035	√	-	3days	18days
JK-SMD0805-260L-12	2.6	5.2	12V	50	0.7	13.0	2.0	0.003	0.035	√	-	3days	18days
JK-SMD0805-300L	3.0	6.0	6V	50	0.8	15.0	2.0	0.003	0.030	√	-	3days	18days
JK-SMD0805-300L-12	3.0	6.0	12V	50	0.8	15.0	2.0	0.003	0.030	√	-	3days	18days
JK-SMD0805-350L	3.5	7.0	6V	50	0.8	17.5	2.0	0.003	0.025	√	-	3days	18days
JK-SMD0805-350L-12	3.5	7.0	12V	50	0.8	17.5	2.0	0.003	0.025	√	-	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-SMD0805-380L	3.8	7.6	6V	50	0.8	19.0	2.0	0.003	0.020	√	-	3days	18days
JK-SMD0805-380L-12	3.8	7.6	12V	50	0.8	19.0	2.0	0.003	0.020	√	-	3days	18days
JK-SMD0805-400L	4.0	8.0	6V	50	0.8	20.0	2.0	0.003	0.015	√	-	3days	18days
JK-SMD0805-400L-12	4.0	8.0	12V	50	0.8	20.0	2.0	0.003	0.015	√	-	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}).

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

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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