

Resettable Fuse PTC SMD 250 Series

Features

RoHS Compliant

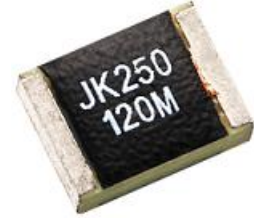
faster tripping, Surface mountable, Solid state

Operation Current: 0.1A~0.2A

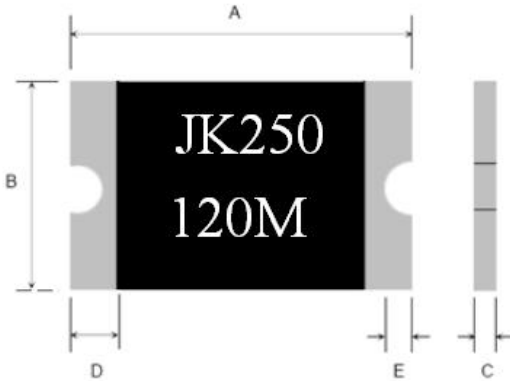
Maximum Voltage: 250Vdc

Operating Temperature: -40°C to +85°C

Agency recognition: 



Dimensions 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	Certification		Delivery Time	
		Min	max	Min	Max	Min	Max	Min	UL	TUV	in stock	Produce
JK250-100M	JK250 100M	8.5	9.5	6.0	7.5	2.5	3.5	0.50	-	-	3days	18days
JK250-110M	JK250 110M	8.5	9.5	6.0	7.5	2.5	3.5	0.50	-	-	3days	18days
JK250-120M	JK250 120M	8.5	9.5	6.0	7.5	2.5	3.5	0.50	-	-	3days	18days
JK250-145M	JK250 145M	8.5	9.5	6.0	7.5	2.5	3.5	0.50	-	-	3days	18days
JK250-180M	JK250 180M	8.5	9.5	6.0	7.5	2.5	3.5	0.50	-	-	3days	18days
JK250-200M	JK250 200M	8.5	9.5	6.0	7.5	2.5	3.5	0.50	-	-	3days	18days

Electrical characteristics(25°C)

Part Number	I _{Hold}	I _{Trip}	V _{max}	I _{max}	Maximum Time to Trip		Resistance (Ω)			Delivery Time		Replacement
	mA	mA	DC	A	Current (A)	Time (S)	R _{imin}	R _{ityp}	R _{1max}	in stock	Produce	DIP part number
JK250-100M	100	200	250	3	1.0	2.0	-	-	-	3days	18days	= JK250-100U
JK250-110M	110	220	250	3	1.0	2.0	-	-	-	3days	18days	= JK250-110U
JK250-120M	120	240	250	3	1.0	2.0	6	14	25	3days	18days	= JK250-120U
JK250-145M	145	290	250	3	1.0	2.0	-	-	-	3days	18days	= JK250-145U
JK250-180M	180	360	250	3	1.0	2.0	-	-	-	3days	18days	= JK250-180U
JK250-200M	200	400	250	3	1.0	2.0	-	-	-	3days	18days	= JK250-200U

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}).

Pd=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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