

FUSES

1206 Series

电路保护元器件专业制造商

Features:

- ✧ RoHS Compliant & Halogen Free
- ✧ faster tripping, 1206 Dimension, Surface mountable, Solid state
- ✧ Operation Current: 0.05A~2.00A
- ✧ Maximum Voltage: 6V~60Vdc
- ✧ Operating Temperature: -40°C TO 85°C



Product Dimensions (mm)

Part number	A	B	C	D	E	Part marking
	Typ.	Typ.	Typ.	Typ.	Typ.	
0ZCJ0005FF2E	3.20±0.30	1.60±0.20	0.80±0.20	0.60±0.35	0.25±0.15	Z

Electrical Characteristics

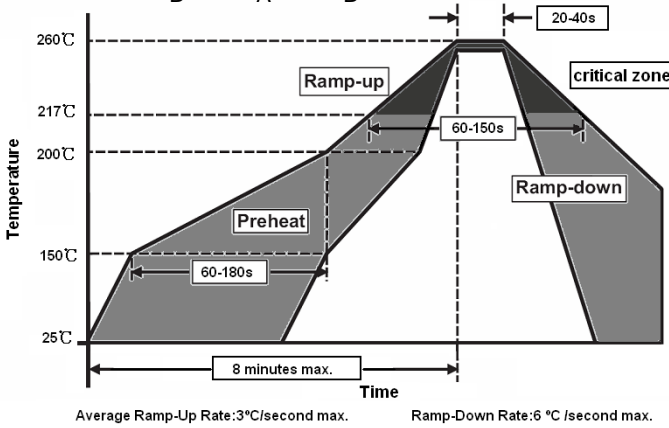
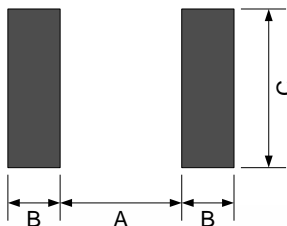
Part number	I _H	I _T	V _{max}	I _{max}	T _{trip}		Pd _{typ}	R _{min}	R _{1max}
	(A)	(A)	(V)	(A)	Current(A)	Time(S)	(W)	(Ω)	(Ω)
0ZCJ0005FF2E	0.05	0.15	60	10	1.0	1.2	0.6	2.00	50.00

I_H=Hold current: maximum current at which the device will not trip at 25°C still air.
 I_T=Trip current: minimum current at which the device will always trip at 25°C still air.
 V_{max}=Maximum voltage device can withstand without damage at rated current.
 I_{max}=Maximum fault current device can withstand without damage at rated voltage.
 T_{trip}=Maximum time to trip(s) at assigned current.
 Pd_{typ}=Typical power dissipation: typical amount of power dissipated by the device when in state air environment.
 R_{min}=Minimum device resistance at 25°C prior to tripping.
 R_{1max}=Maximum device resistance measured in the nontripped state 1 hour post reflow.

Thermal Derating

0ZCJ0005FF2E	Maximum ambient operating temperature(°C)									
	-40	-20	0	20	25	40	50	60	70	85
Hold Current (A)	0.09	0.08	0.06	0.05	0.05	0.04	0.036	0.033	0.029	0.020

Solder Reflow Recommendations



Solder Pad Layouts

Part number	A	B	C
	(mm)	(mm)	(mm)
0ZCJ0005FF2E	1.80	1.00	1.80

* Recommended reflow methods: IR, Vapor phase, hot air oven.
 * Devices can be cleaned using standard industry methods and solvents.

Notes:

- If reflow temperatures exceed the recommended profile, devices may not meet the performance requirements.
- Devices are not designed to be wave soldered to the bottom side of the board.

Package Information

Tape & Reel: 3500pcs per reel.
Effectivity: Reference documents shall be the issue in effect on the date of invitation for bid.
Caution: Operation beyond the rated voltage or current may result in rupture electrical arcing or flame.