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Polymer PTC Device

Radial leaded resettable fuse

KT30-2500B

Document: 2BD1 Revision: 2.0 Page: 1 of 1

Physical Dimensions: (mm)

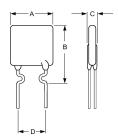


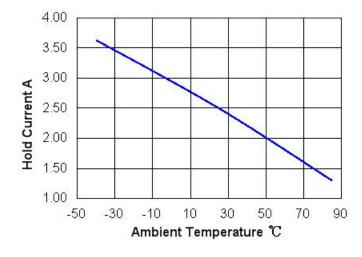
Figure						
A _(max)	B _(max)	$C_{(max)}$	D(typ)			
11.4	18.3	3.6	5.1			

Lead Material: Tinned copper clad wire, Φ0.50mm

Encapsulation material: flame-retardant epoxy powder, meets UL94V-0 requirements

Electrical Characteristics:

Dout L L.		L	V I	ı	T trip		R (mΩ)		R _{1max}
Part Number	I hold (A)	I trip (A)	V _{max} (V)		current (A)	Time (s)	min	max	$(m\Omega)$
KT30-2500B	2.5	5.0	30	40	12.5	≤10.3	20	65	130



I hold = Hold Current: maximum current at which the device will not trip at 25 °C still air.

I $_{\rm trip}$ = Trip Current: minimum current at which the device will always trip at 25 $^{\circ}$ 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.

R $_{1\text{max}}$ = Maximum Device resistance at 25 °C, of device one hour after being tripped the first time.







Prepare	Approval	Accept
He Zhiyong	Li Botao	