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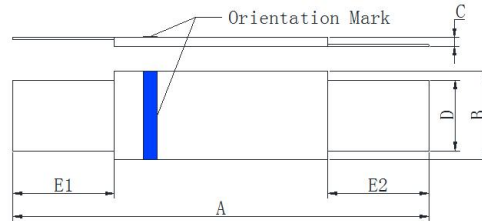
Polymer PTC Device

Strap resettable fuse

KT20-5500D

Document: G
 Date:2014.8.1
 Revision: 3.0
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Physical Dimensions: (mm)



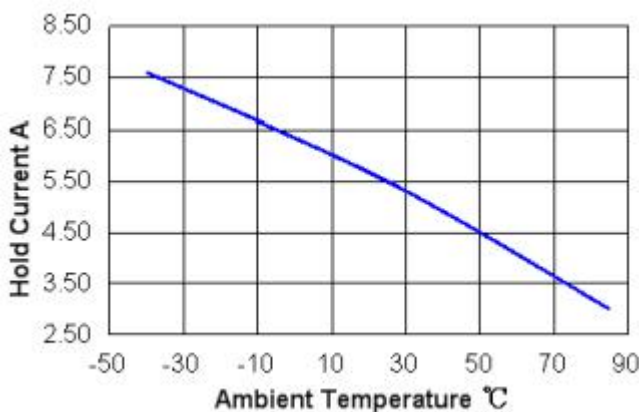
	A	B	C	D	E1	E2
Min	35.0	6.9	—	4.9	6.0	6.0
Max	37.0	7.2	1.0	5.1	—	—

Lead Material: 1/4 h Nickel, 0.125mm in thickness

Encapsulation material: Polyester film, meets UL94V-0 requirements

Electrical Characteristics:

Part Number	I_{hold} (A)	I_{trip} (A)	V_{max} (V)	I_{max} (A)	T_{trip}		R (m Ω)		R_{1max} (m Ω)
					current (A)	Time (s)	min	max	
KT20-5500D-G	5.5	10.5	20	100	27.5	<5.0	9	16	22



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

I_{trip} = 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.

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



Prepare	Approval	Accept