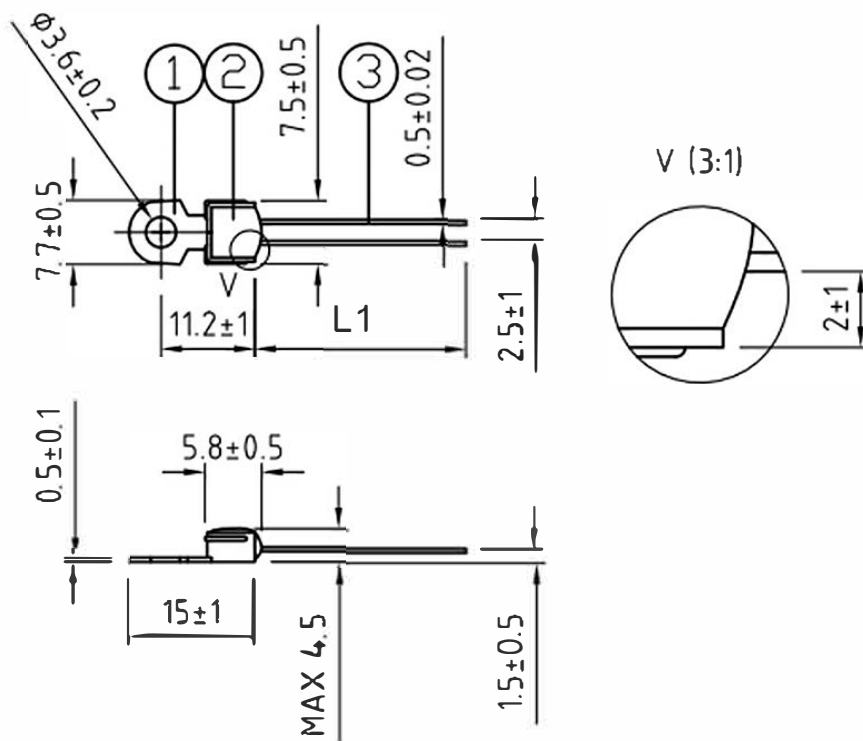




Structure and Dimensions



Dimensions

單位：mm

Symbol	L1			
尺寸(mm)	Option			

Item	Part Name	Part P/N	QTY	Remark
1	TERMINAL	B40320BL-2#	1	
2	COATING RESIN	BLACK EPOXY		
	NTC	Option	1	
3	LEAD WIRE	$\phi 0.5\text{mm}$ CP線	1	



Electrical Characteristics

Part No.	Zero Power Resistance at 25℃	Tolerance of R_{25}	B25/85 Value	Tolerance of B Value	Max. Power Rating at 25℃
	$R_{25}(K\Omega)$	($\pm$ %)	(K)	($\pm$ %)	$P_{max}(mW)$
JAT	Option	Option	Option	Option	200

Part No.	Dissipation Factor	Thermal Time Constant	Operating Temperature Range
	$\delta (mW/^\circ C)$	$\tau (sec.)$	$T_L \sim T_U (^\circ C)$
JAT	Approx. 3.0	Approx. 15	-40 ~ +125

Mechanical Characteristics

Item	Test condition and method	Technical Requirements
Tensile	Applying 9.8N (1KGF) ,last 1 minute.	No obvious damage
Free fall	After 5 times natural fall to a maple board from 1m high.	No obvious damage

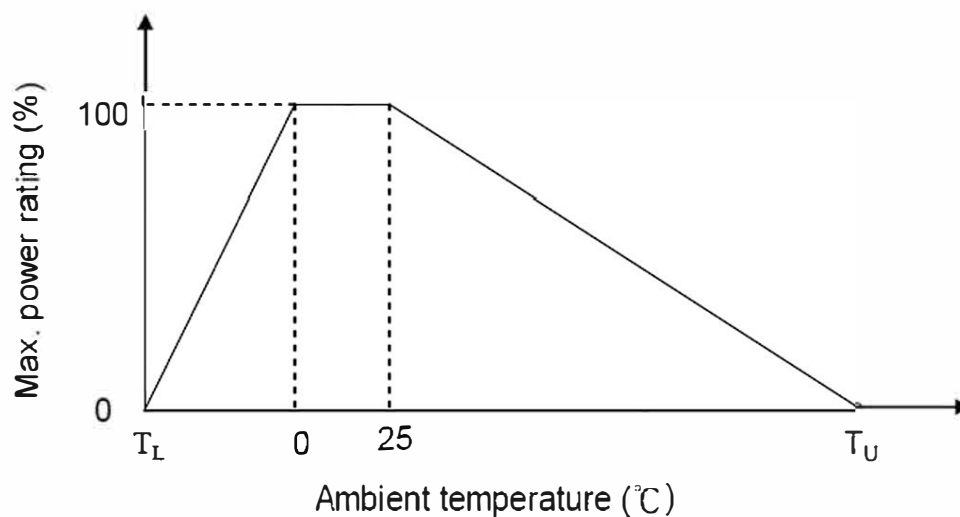


Reliability

Item	Standard	Test conditions/Methods	Specifications
Solderability	IEC60068-2-20	235±5°C, 2±0.5 sec	At least 95% of terminal electrode is covered by new solder
High Temperature Storage	IEC60068-2-2	125±5°C, 1000±24hrs	No visible damage ΔR25≤±5%
Low Temperature Storage	IEC60068-2-1	-40±5°C, 1000±24hrs	No visible damage ΔR25≤±5%
Damp Heat Steady State	IEC60068-2-3	40±2°C, 90~95% RH, 1000±24hrs	No visible damage ΔR25≤±3%
Thermal Shock	IEC60068-2-14	The conditions shown below shall be repeated 5 cycles	
		Step	Temperature (°C)
		1	-40±5
		2	Room temperature
		3	125±5
		4	Room temperature
		Period (minutes)	No visible damage ΔR25≤±5%
Life Test	IEC60539-1 4.26.1	25±5°C, Pmax, 1000±24hrs	No visible damage ΔR25≤±5%
Insulation Resistance		500V DC	≥100MΩ
Withstand Voltage		1200V AC, 5mA	≥3 Sec



Power Derating Curve



Note : T_L = Minimum operating temperature (°C)

T_U = Maximum operating temperature (°C)

RoHS Compliant Declaration

We hereby declare that the components delivered to your company are compliant with RoHS directive 2011/65/EU

Storage condition of products

(I) Storage Conditions :

- 1.Storage Temperature : -10 ~ +40°C
- 2.Relative Humidity : $\leq 75\%RH$
- 3.Keep away from corrosive atmosphere and sunlight.

(II) Period of Storage : 1 year