

BT Series--Insulated Lead Type NTC Thermistor



FEATURES

- Small size, Fast response, High sensitivity
- High operating ranges from -30 °C ~ +125 °C
- High accuracy tolerances to +/-0.10 °C
- Excellent thermal cycle endurance
- High stability
- Pb free, RoHS compliance

APPLICATION

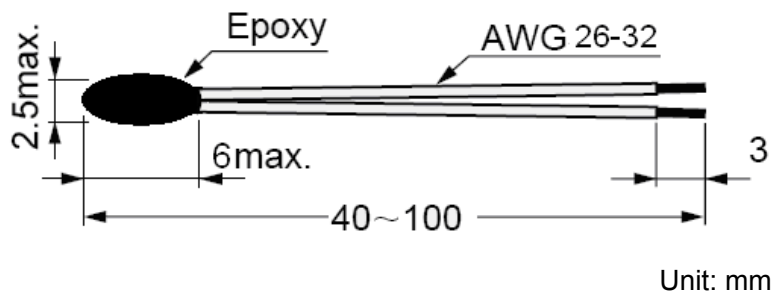
- Battery pack for computer & home appliance etc.

Part Number Identification

BT	103	F	3435	A	-	32	L100
①	②	③	④	⑤		⑥	Length(mm)

①		②		③		④		⑤		⑥	
Product Code	Series	Resistance @25°C		Tolerance		B Constant		Test Temp. of B		AWG No.	
BT	Battery series NTC Thermistor	202	20×10 ² Ω	F	±1%	3435: B=3435	A	25°C/50°C		28	AWG 28
		103	10×10 ³ Ω	G	±2%	4100: B=4100	B	25°C/85°C		30	AWG 30
		473	47×10 ³ Ω	J	±5%					32	AWG 32

Dimension



Electronic Parameter Specification

Part No.	$R_{25^{\circ}\text{C}}$ (K Ω)	B (K)	Rated Power @25 $^{\circ}\text{C}$ (mW)	Dissipation Factor(δ) (mW/ $^{\circ}\text{C}$)	Thermal Time Constant (S)
BT502□3274A	5.0	3274	10-20	2-4	≤ 15
BT502□3435B	5.0	3435			
BT502□3470A	5.0	3470			
BT103□3274A	10.0	3274			
BT103□3435B	10.0	3435			
BT103□3470A	10.0	3470			
BT103□3950A	10.0	3950			
BT103□4100A	10.0	4100			
BT503□3950A	50.0	3950			
BT503□4100A	50.0	4100			
BT104□3950A	100	3950			
BT104□4100A	100	4100			
BT104□4400A	100	4400			

◆The B-tolerance is $\pm 1\%$ when R-tolerance within $\pm 3\%$, others are $\pm 2\%$.

◆Special parameter could be custom designed.