

BT Series –Battery Series High Precision NTC Thermistor



FEATURES

- Operating ranges from -30 °C -- 90°C
- High accuracy tolerances to +/-0.10°C
- Excellent thermal cycle endurance
- High stability
- Pb free, RoHS Compliance

APPLICATION

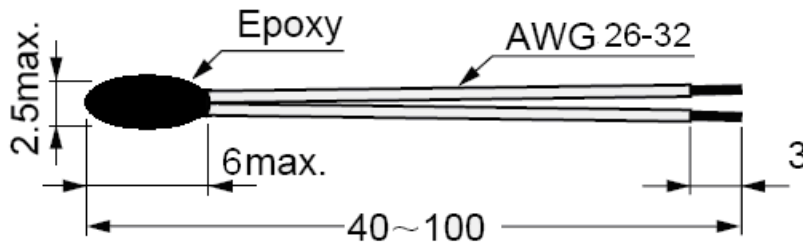
Battery pack for computer & electrical home appliance etc.

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 Series Code		Resistance @25°C		R25 Tolerance		B constance		Test temp. Of B		AWG No.
BT	Battery series NTC Thermistor	R202	20x10 ² Ω	A	±0.1°C	3435: B=3435		A	25°C/50°C	AWG26
				B	±0.25°C					AWG28
		R103	10x10 ³ Ω	F	±1%	4100: B=4100		B	25°C/85°C	AWG30
				G	±2%					AWG32
		R473	47x10 ³ Ω	H	±3%				AWG34	

Dimension



Unit:mm

Electronic parameter Specification

Part No.	R25°C (KΩ)	B (K)	Rated Power @25°C (mw)	Dissipation factor(δ) (mW/°C)	Thermal time constant (s)
BT502□3274A	5.0kΩ	3274	10-20	2-4	15
BT502□3435B	5.0kΩ	3435	10-20	2-4	15
BT502□3470A	5.0kΩ	3470	10-20	2-4	15
BT103□3274A	10.0kΩ	3274	10-20	2-4	15
BT103□3435B	10.0kΩ	3435	10-20	2-4	15
BT103□3470A	10.0kΩ	3470	10-20	2-4	15
BT103□3950A	10.0kΩ	3950	10-20	2-4	15
BT103□4100A	10.0kΩ	4100	10-20	2-4	15
BT503□3950A	50.0kΩ	3950	10-20	2-4	15
BT503□4100A	50.0kΩ	4100	10-20	2-4	15
BT104□3950A	100KΩ	3950	10-20	2-4	15
BT104□4100A	100kΩ	4100	10-20	2-4	15
BT104□4400A	100kΩ	4400	10-20	2-4	15

*The B-tolerance is ±1% when R-tolerance within ±3%, others are ±2%.

*Special part number could be customizing.