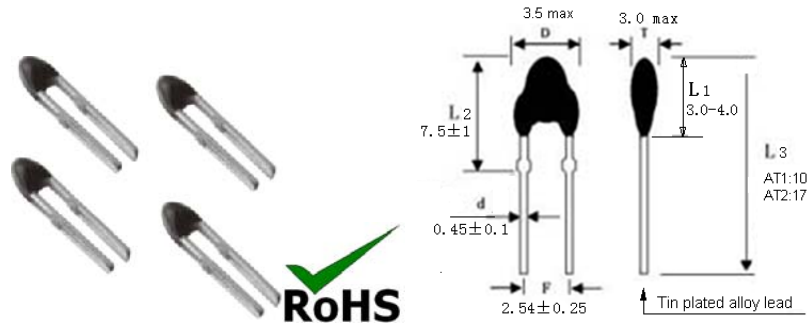


AT Series—Non-insulated Lead Type NTC Thermistor



unit : mm

FEATURES

- Small size, Fast response, High sensitivity
- High accuracy tolerances to $\pm 0.1^{\circ}\text{C}$
- Excellent thermal cycle endurance
- High stability
- Operating ranges from $-50^{\circ}\text{C} \sim +125^{\circ}\text{C}$

APPLICATION

- Home electronics
- CPU fan
- Battery and charger
- Automobile electrics
- Electric table-board
- Heating apparatus
- Electronic clock
- Computer main board
- Air-conditioner
- Liquid Level sensor
- Battery of mobile telephone

Part Number Identification

AT		103		F	3435		A
①		②		③	④		⑤
①		②		③	④		⑤
Product Series Code		Resistance @25°C		R Tolerance		B Constance	Test Temp. of B
AT	A Type NTC Thermistor	202	$20 \times 10^2 \Omega$	B	$\pm 0.05^{\circ}\text{C}$	3435: B=3435	A 25°C/50°C
		103	$10 \times 10^3 \Omega$	C	$\pm 0.1^{\circ}\text{C}$		
		473	$47 \times 10^3 \Omega$	D	$\pm 0.2^{\circ}\text{C}$	4100: B=4100	B 25°C/85°C
		F	$\pm 1\%$				
		G	$\pm 2\%$				
		H	$\pm 3\%$				
				J	$\pm 5\%$		

Electronic Parameter Specification

Part No.	R _{25°C} (KΩ)	B(K)	Rated Power @25°C (mW)	Dissipation Factor(δ) (mW/°C)	Thermal Time Constant (S)
AT102□3150A	1.0	3150	15	2.5	≤15
AT202□3150A	2.0	3150			
AT502□3274A	5.0	3274			
AT502□3435B	5.0	3435			
AT502□3470A	5.0	3470			
AT502□3950A	5.0	3950			
AT103□3274A	10.0	3274			
AT103□3435B	10.0	3435			
AT103□3470A	10.0	3470			
AT103□3950A	10.0	3950			
AT103□4100A	10.0	4100			
AT153□3950A	15.0	3950			
AT153□4100A	15.0	4100			
AT203□3950A	20.0	3950			
AT203□4100A	20.0	4100			
AT223□4200A	22.0	4200			
AT333□3950A	33.0	3950			
AT403□3928A	40.27	3928			
AT473□3950A	47.0	3950			
AT473□4100A	47.0	4100			
AT503□3950A	50.0	3950			
AT503□4100A	50.0	4100			
AT104□3950A	100	3950			
AT104□4100A	100	4100			
AT104□4400A	100	4400			

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

◆ Special part number could be custom designed.