

# VT Series--NTC Thermistor for Vehicle Temperature Sensor & Thermo Switch Making



## FEATURES

- Excellent thermal cycle endurance
- High stability
- Operating ranges: -40°C ~ +150°C

## APPLICATION

- For various kinds of vehicle temperature sensor making, e.g.: Automotive, Moto-Bicycle, Train,

## Part Number Identification

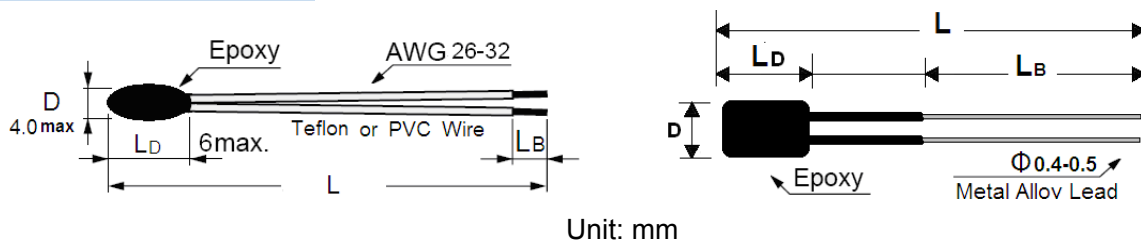
	<b>2K051</b>									
<b>VT</b>	<b>353R5</b>	<b>G</b>	<b>B</b>	<b>80C</b>	<b>3435B</b>	<b>—</b>	<b>L25</b>	<b>T</b>	<b>5</b>	<b>D5</b>
	<b>3V305</b>									
①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	

① Product Series Code		② Resistance @ ⑤ °C		③ Tolerance		④ Temperature Gradient		⑤ Test Temp.		⑥ B Constance	
		Voltage @ ⑤ °C									
VT	Vehicle Thermistor	2K051	2.051KΩ	F	±1%	O	-0%	25C	25°C	3435: B=3435	
		353R5	353.5Ω	G	±2%	A	-1%	80C	80°C	A	25°C/50°C
		3V305	3.305V	H	±3%	B	-2%	90C	90°C	B	25°C/85°C
				J	±5%	C	-3%	100C	100°C	F	25°C/100°C
									G	50°C/100°C	

⑦ Total Length		⑧ Lead Material		⑨ Bare Lead	⑩ Detector Dimension
L25: 25mm		T	Teflon	5: 5mm	D5: 5mm
		P	PVC		
		C	CP	10: 10mm	D8: 8mm
		E	Epoxy CP		

## DIMENSION



## Electronic Parameter Specification

Part No.	Nominal Value	B (K)	Rated Power @25°C (mW)	Dissipation Factor ( $\delta$ ) (mW/°C)	Thermal Time Constant (S)
VT249R1□□90C3588G	249.1Ω	3588	10-200 (depends on size)	2-50 (depends on size)	≤15 (depends on size)
VT108R8□□90C3565G	108.8Ω	3565			
VT120R0□□100C4230G	120.0Ω	4230			
VT310R0□□80C4010G	310.0Ω	4010			
VT340R0□□80C4010G	340.0Ω	4010			
VT244R8□□90C4110G	244.8Ω	4110			
VT4K000□□80C4010G	4000Ω	4010			
VT4K200□□80C4262G	4200Ω	4262			
VT374R0□□80C3495G	374.0Ω	3495			
VT930R0□□90C4010G	930.0Ω	4010			
VT334R0□□80C4305G	334.0Ω	4305			
VT778R0□□50C3245G	778.0Ω	3245			
VT362R0□□80C4180G	362.0Ω	4180			
VT320R0□□80C3218G	320.0Ω	3218			
VT316R0□□80C3765G	316.0Ω	3765			
VT1V250□□80C3650A	1.25V	3650			
VT2V300□□80C3740A	2.30V	3740			
VT2V500□□80C4050A	2.50V	4050			
VT3V300□□80C4050A	3.30V	4050			

◆ Special part number could be custom designed.