

TS Series--NTC Temperature Sensor



FEATURES

- Fast response, High delicacy
- Good coherence and Interchange capability, high precision of resistance and B value
- Double packaging technics, Good quality of insulation and package, High capability of colliding and bending, High stability

APPLICATION

- Air conditioners, Refrigerators, Freezers
- Water heaters, Potable water heaters, Air warmers, Washers, Disinfection cases
- Washing machines, Driers, Thermotanks

Part Number Identification

TS	103	F	3435	A	M	L100
①	②	③	④	⑤	⑥	Length(mm)

①

②

③

④

⑤

⑥

Series	Resistance @25°C		Tolerance		B Constance	Test Temp. of B		Head Material	
	TS NTC Temperature Sensor	202	20×10 ² Ω	A		±0.02°C	3435: B=3435	A	25°C/50°C
B				±0.05°C	B	25°C/85°C		N	Metal fixed
103		10×10 ³ Ω	F	±1%	4100: B=4100	C	0°C/25°C	P	Plastic tube
			G	±2%		D	0°C/50°C	E	Epoxy
			H	±3%		E	0°C/100°C	S	Special
473		47×10 ³ Ω				F	25°C/100°C		

Common Products Electronic Parameter Specification

Part No.	R _{25°C} (KΩ)	B(K) 25/50°C	Rated Power @25°C (mW)	Dissipation Factor(δ) (mW/°C)	Thermal Time Constant (S)
TS502□3274A	5.0	3274 ±1%	10-20	2-4	5-20
TS502□3435B	5.0	3435 ±1%			
TS502□3470A	5.0	3470 ±1%			
TS502□3950A	5.0	3950 ±1%			
TS103□3274A	10.0	3274 ±1%			
TS103□3435B	10.0	3435 ±1%			
TS103□3470A	10.0	3470 ±1%			
TS103□3950A	10.0	3950 ±1%			
TS103□4100A	10.0	4100 ±1%			
TS153□3950A	15.0	3950 ±1%			
TS153□4100A	15.0	4100 ±1%			
TS203□3950A	20.0	3950 ±1%			
TS203□4100A	20.0	4100 ±1%			
TS223□4200A	22.0	4200 ±1%			
TS403□3928A	40.27	3928 ±1%			
TS503□3950A	50.0	3950 ±1%			
TS503□4100A	50.0	4100 ±1%			
TS104□3950A	100	3950 ±1%			
TS104□4100A	100	4100 ±1%			
TS104□4400A	100	4400 ±1%			

◆Special part number could be custom designed.