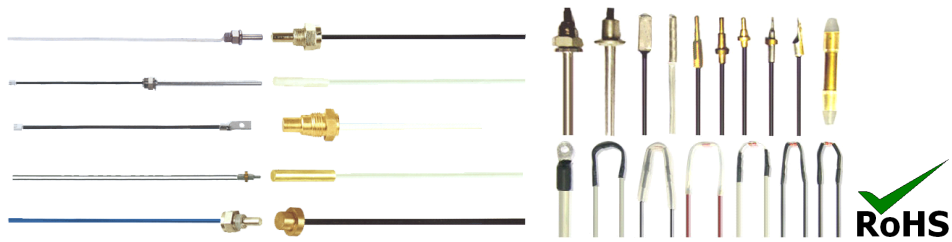


TS Series –NTC Temperature sensor



FEATURES

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

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	L 100
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 Ttemperatur Sensor	202	20×10 ² Ω	A	±0.1°C	3435: B=3435		A	25°C/50°C	M	Metal tube
				B	±0.25°C			B	25°C/85°C	N	Metal fixed
				F	±1%			C	0°C/25°C	P	Plastic tube
		103	10×10 ³ Ω	G	±2%	4100: B=4100		D	0°C/50°C	E	Epoxy
				H	±3%			E	0°C/100°C		
		473	47×10 ³ Ω					F	25°C/100°C	S	Special

Common Products Electronic parameter Specification

Part No.	R25°C (KΩ)	B(K) 25/50°C	Rated Power @25°C (mw)	Dissipation factor(δ) (mW/°C)	Thermal time constant (s)
TS502□3274A	5.0kΩ	3274	10-20	2-4	5-20
TS502□3435B	5.0kΩ	3435	10-20	2-4	5-20
TS502□3470A	5.0kΩ	3470	10-20	2-4	5-20
TS502□3950A	5.0kΩ	3950	10-20	2-4	5-20
TS103□3274A	10.0kΩ	3274	10-20	2-4	5-20
TS103□3435B	10.0kΩ	3435	10-20	2-4	5-20
TS103□3470A	10.0kΩ	3470	10-20	2-4	5-20
TS103□3950A	10.0kΩ	3950	10-20	2-4	5-20
TS103□4100A	10.0kΩ	4100	10-20	2-4	5-20
TS153□3950A	15.0kΩ	3950	10-20	2-4	5-20
TS153□4100A	15.0kΩ	4100	10-20	2-4	5-20
TS203□3950A	20.0kΩ	3950	10-20	2-4	5-20
TS203□4100A	20.0kΩ	4100	10-20	2-4	5-20
TS223□4200A	22.0kΩ	4200	10-20	2-4	5-20
TS403□3928A	40.0kΩ	3928	10-20	2-4	5-20
TS503□3950A	50.0kΩ	3950	10-20	2-4	5-20
TS503□4100A	50.0kΩ	4100	10-20	2-4	5-20
TS104□3950A	100KΩ	3950	10-20	2-4	5-20
TS104□4100A	100kΩ	4100	10-20	2-4	5-20
TS104□4400A	100kΩ	4400	10-20	2-4	5-20

*Special part number could be customizing.