

錫麟企業有限公司 Sencera Co. Ltd.

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Temperature sensor (NTC thermistor)

Features

Excellent endurance against thermal shock.

Excellent stability at high temperature

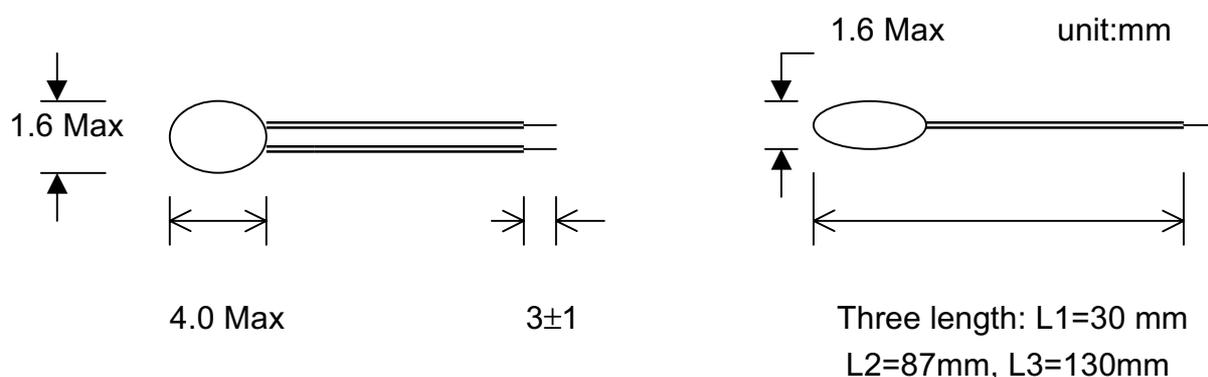
Ultra small size. Low capacitance, Rapid time response.

Applications

Temperature sensor for home electronics, automobile, medical and industrial usage.

Temperature detection for computer and fire alarm.

Dimensions



Part number and specifications

Part No	Resistance @25°C(KΩ)	B25/85 (K)	Tolerance Of resistance	δ (mW/°C)	τ t(sec.)	Operating Temperatuer
TS212D3	2.1	3850	3 %	~0.7	3.2~3.4	-40~+90°C
TS402B3	4.0	3100	3 %	~0.7	3.2~3.4	-40~+90°C
TS582D3	5.80	3641	3 %	~0.7	3.2~3.4	-40~+90°C
TS902C3	9.00	3470	3 %	~0.7	3.2~3.4	-40~+90°C
TS103D3	10.0	3950	3 %	~0.7	3.2~3.4	-40~+90°C
TS103C1	10.0	3435	1 %	~0.7	3.2~3.4	-40~+90°C
TS103C2	10.0	3435	2 %	~0.7	3.2~3.4	-40~+90°C
TS203D3	20.0	3950	3 %	~0.7	3.2~3.4	-40~+90°C
TS303D3	30.0	3950	3 %	~0.7	3.2~3.4	-40~+90°C
TS403C3	40.0	3525	3 %	~0.7	3.2~3.4	-40~+90°C
TS413C3	41.0	3435	3 %	~0.7	3.2~3.4	-40~+90°C
TS503D3	50.0	3965	3 %	~0.7	3.2~3.4	-40~+90°C
TS593D3	59.0	3617	3 %	~0.7	3.2~3.4	-40~+90°C
TS833D3	83.0	4013	3 %	~0.7	3.2~3.4	-40~+90°C
TS104D3	100	4040	3 %	~0.7	3.2~3.4	-40~+90°C
TS224D3	220	4021	3 %	~0.7	3.2~3.4	-40~+90°C
TS234D3	230	4274	3 %	~0.7	3.2~3.4	-40~+90°C

Tolerance of B constant is $\pm 1\%$