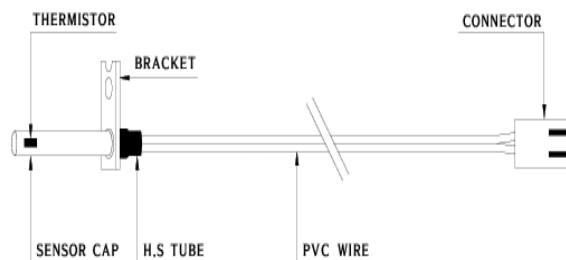


MLSC - Series



FEATURES:

- High stability and best price.
- The MLCS Series thermistors is a thermistor sensor in a DO 35 package. It is highly reliable and offer a wide operating range of -50°C to 250°C .
- They can be employed for home electric appliances and high temperature applications.
- Excellent thermal cycle endurance.
- Glass sealed body for high reliability.

SPECIFICATIONS

Temperature rating -40°C to 250°C

B value : 3470K ~4200K

Determined by rated zero-power

Resistance at 25°C and 85°C

R25

Rated zero-power 3 K ohms
5 K ohms
Resistance value at 25°C 10 K ohms
20 K ohms
30 K ohms
100 K ohms
150 K ohms
200 K ohms

Tolerance $\pm 1\%$ $\pm 3\%$ $\pm 5\%$

Dissipation constant Min. 2.4mW/ $^{\circ}\text{C}$

Thermal time constant Max 15 seconds in still air.

Maximum power Rating 250mw at 25°C

Tolerance $\pm 1\%$ $\pm 2\%$ $\pm 3\%$

Order Map ML SC - 103 F - □□ □□□ - □□□□

Series Code	Type	Res. value at 25°C	Res. tolerance	Lead Gauge AWG Number	Lengths Exp;	B value $25^{\circ}\text{C}/85^{\circ}\text{C}$
ML Sensor	SC thermistor	$10 \times 1000\Omega$	F : 1% H : 3% J : 5%		400: 400 mm	