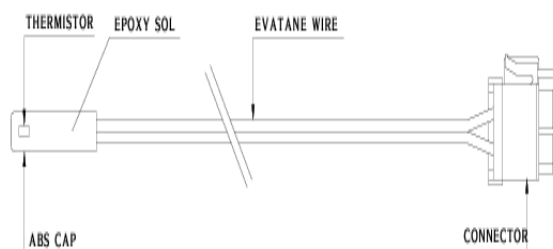


## MLON - Series



### FEATURES:

- Low cost, high stability.
- The MLON series thermistors is a high-performance thermal sensing device. MLON thermistor is similar to UHT thermistor and which is different with flexible lead-wires.
- Excellent thermal cycle endurance.
- No adjust between the control circuit and the sensor.

### SPECIFICATIONS

**Temperature rating** -40°C to 125°C

**B value :** 3100K ~ 4200K

**Determined by rated zero-power**

**Resistance at 25°C and 85°C**

#### R25

**Rated zero-power** 1 K ohms

2 K ohms

**Resistance value at 25°C** 5 K ohms

10 K ohms

20 K ohms

47 K ohms

50 K ohms

100 K ohms

**Tolerance** ±1% ±3% ±5%

**Dissipation constant** 2mW/°C

**Thermal time constant** Typically 15 seconds in air.

**Maximum power Rating** 10-15 mw at 25°C

**Tolerance** ±1% ±3% ±5%

**Order Map** ML ON - 103 F - □□ □□□ - □□□□

Series Code	Type	Res. value at 25°C	Res. tolerance	Lead Gauge AWG Number	Lengths Exp;	B value 25°C/85°C
ML	ON	10 x 1000Ω	F : 1% H : 3% J : 5%		400: 400 mm	
Sensor	thermistor					