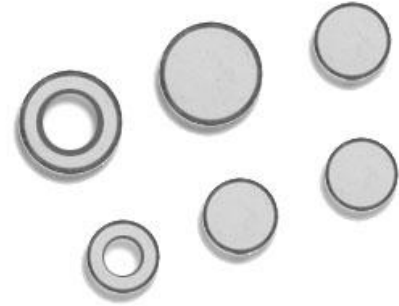


MF57 Series thermistor used for automotive electronics (diesel locomotive, large motor, oil-immersed transformer) of the cooling system for fixed point temperature sensing element, temperature measurement can also be applied to other places.



Typical Applications

Features

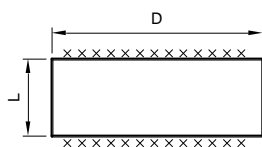
- | | |
|--|---|
| <ul style="list-style-type: none"> ● Temperature sensing and measuring in automobile cooling system ● Larger power electric engine ● Combustion engine ● Oil transformer etc. ● Also applicable for temperature measuring on other occasions. | <ul style="list-style-type: none"> ● High reliability and long life ● High sensibility, easy to be replaced ● Wide temperature range ● For Automobile use |
|--|---|

Dimensions (mm)

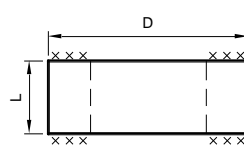
xxx: Silver Plating

ΦD : 5.0 - 10.0 ± 0.5

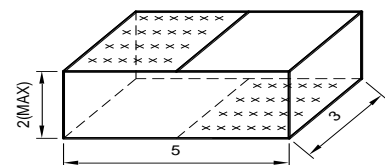
L : 1.2 - 3.0 ± 0.2



MF57A



MF57B



MF57C

Ordering code

MF57 A XXX X XXXX X
 (1) (2) (3) (4) (5) (6)

(1) MF57 series

(2) Size code, see Dimensions.

(3) Resistance value at 25°C.

(4) Resistance tolerance.

(5) Beta value, unit: K.

(6) B value Temperature code.

Code	Tolerance (25°C)%	Code	Tolerance (25°C)%
E	±0.5	H	±3.0
F	±1.0	J	±5.0
G	±2.0	K	±10.0

Code	T1/T2
A	25/50(Default)
B	25/85
E	Defined by Customer

Electrical characteristics

Model	Rate Resistance		B Value		Rated Power W	Measuring Power mW	Thermal time Constan S	Dissi. Coef. mW/°C	Operating Temp °C
	R ₂₅	Tolerance	B	Tolerance					
	Ω	%	K	%					
MF57□□□2700	220-630		2700						
MF57□□□3000	270-5.1K		3000						
MF57□□□3300	270-5.1K		3300						
MF57□□□3600	270-5.1K	±1% ±3% ±5%	3600	±1% ±3% ±5%	0.3 0.5	≤0.5	≤60	6~13	-55~+125
MF57□□□3900	270-5.1K		3900						
MF57□□□4100	330-6.8K		4100						
MF57□□□4300	330-6.8K		4300						