

负温度系数(NTC)热敏电阻器

Negative temperature coefficient (NTC) thermistor

MF57 (汽车电子专用) 测温型NTC热敏电阻系列

MF57 (Special for auto electronic) temp measurement NTC Thermistor series

● 应用范围 Applications

主要用于汽车(内燃机车、大型电机、油浸变压器)的冷却系统作定点测温的感温元件,也可用在其它场合的温度测量。

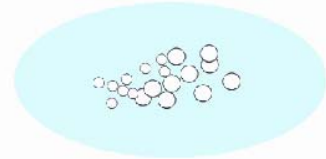
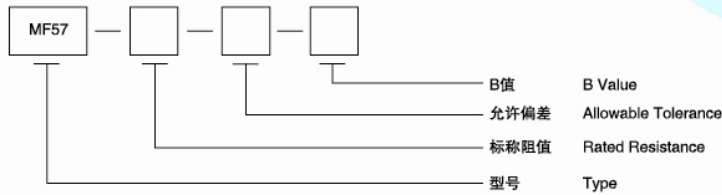
It is mainly applied as temperature-sensing component used in order-spot temperature measuring in the cooling system of automobile, combustion engine, huge electric power engine, oil transformer and so on, also be capable applied in temperature measurement in other conditions.

● 主要技术参数 Main Techno-Parameter

标称阻值与B值误差范围小,产品一致性、互换性好,可与各种国产及进口汽车仪表配套。

Little error range of B value and rated resistance, Good quality of coherence and interchange, it can match all kinds of auto-meter of home and imported.

● 产品标志说明 Specification



MF57A

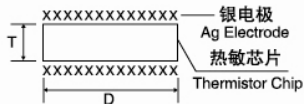


MF57B



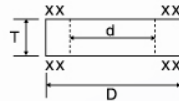
MF57C

● 外形结构和尺寸 Dimensions(mm)



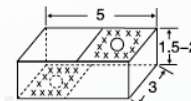
MF57A

D: $\phi 4.5 - 10.0 \pm 0.5$ T: $1.0 - 3.0 \pm 0.2$



MF57B

D: $\phi 6.6 \pm 0.5$ d: $\phi 3.6 \pm 0.4$
T: 1.60 ± 0.4



MF57C

● 主要技术参数 Main Techno-Parameter

型号 Part No	标称阻值 R_{25} Rated Resistance R_{25}		B 值 B Value		额定功率 (W) Rated Power (W)	热时间常数 (S) Thermal time Constant (S)	耗散系数 (mW/°C) Dissi. Coef. (mW/°C)	工作温度 (°C) Operating Temp. (°C)
	范围(Ω) Range(Ω)	允许偏差(%) Allowable Tolerance(%)	标称值(K) Rated Value (K)	允许偏差(%) Allowable Tolerance(%)				
MF57A	0.22K - 10K	±1	2700 - 4700 (25/50°C)	±1	0.3	≤60	6 - 13	
		±3		±3	0.4			
		±5		±5	0.5			
MF57B	0.4K - 10K	±5	3600 - 4500 (25/85°C)	±1			-40 ~ +125	
		±10		±2				
		±20		±3				
MF57C	0.4K - 2K	±5	2400 - 3000 (25/50°C)	±5	0.2	≤50	≥3.5	
		±10						
		±20						