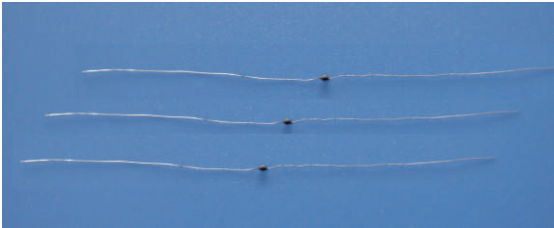


MF59Z系列

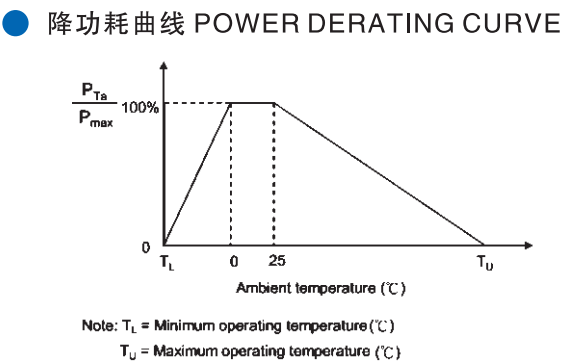
MF59Z型低温测控温传感器

Series MF59Z Low-temperature sensors

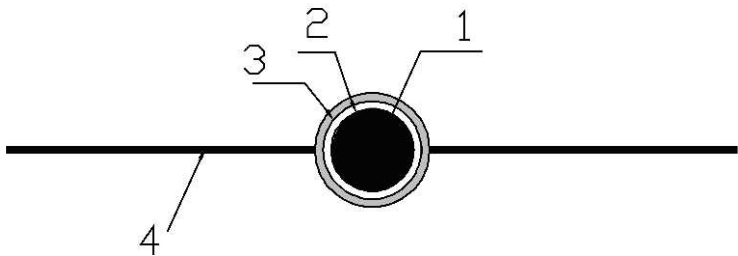


- 特点及用途 FEATURES&APPLICATIONS
- ▶ 低温测控温传感器对深冷空间和辐射环境下能够进行精确测量与控制，可应用于航空航天领域、海底探测，要求工作温度在-90~+85℃。其特点为高阻值低B值，且一致性和灵敏度非常高，在上述温度范围内与标准温差不得超过0.2℃。

MF59Z series low-temperature sensors can be used to measure and control temperature under radiation & high low temperature environment,may be applied in the field of aerospace & deep sea. This kind of sensors have high resistance、low B constant,and high consistency、sensitivity. Within-90~+85℃ temperature range, the standard temperature difference is less than 0.2℃.



● 外形尺寸 DIMENSIONS



代码Code	1	2	3	4
说明 Explanation	陶瓷体 Ceramic body	绝缘层 Insulating layer	防辐射层,直径小于1mm Radiation protection layer, outside diameter is less than 1mm	引线, $\phi 0.1 \times 15\text{mm}$ Lead wire

● 技术说明 TECHNICAL SPECIFICATIONS

型号 Type	R_{25} ($\pm 1\%$ 、 $\pm 2\%$ 、 $\pm 5\%$)	B值 B Value ($\pm 1\%$ 、 $\pm 2\%$)	耗散系数 Dissipation factor δ (mW/°C)	热时间常数 Thermal time constant τ (s)
MF59Z103□2000□□	10k Ω	2000k	>2	<1
MF59Z103□2500□□	10k Ω	2500k	>2	<1