

负温度系数(NTC)热敏电阻器

Negative Temperature Coefficient (NTC) Thermistor

MF59玻璃封装片式NTC热敏电阻器系列

MF59 Series Glass-Encapsulated Chip NTC Thermistor

● 特点 Features

- 玻璃封装, 可在高温和高湿等恶劣环境下使用
- 测温精度高、稳定性好、阻值范围宽
- 体积小、反应速度快、灵敏度高
- 无引线, 便于SMT自动化安装
- Glass-Encapsulated, Suitable for Use in Harsh Environments, Including High Temperature and High Humidity.
- High Temperature Measurement Accuracy, Excellent Stability, Wide Resistance Range.
- Compact Size, Fast Response, High Sensitivity
- Leadless Design, Ideal for SMT (Surface Mount Technology) Automated Installation.

● 应用范围 Applications

- 办公自动化设备 (如笔记本电脑、复印机、打印机等)
- 数码设备 (移动电话、PDA等)
- 可充电电池 (锂电池、镍氢电池等)
- 仪表线圈、集成电路、石英晶体振荡器的温度补偿
- Office automation equipments (such as laptops, copiers, printers, etc.).
- Digital devices (such as mobile phones, PDAs, etc.).
- Rechargeable batteries (Lithium battery, Nickel-metal Hydride battery, etc.).
- Temperature Compensation for Instrumentation Coils, Integrated Circuits, and Quartz Crystal Oscillators.

● 产品标志说明 Marking Instruction

● 外形结构和尺寸 Dimensions(mm)

● 主要技术参数 Main Technical Specifications

型号 Part No.	D	L	25°C的零功率电阻值 Zero-Power Resistance at 25°C R ₂₅		B值 (25/50°C) B Value (25/50°C)		热时间常数约 Thermal Time Constant Approx. τ (s)	耗散系数约 Dissipation Constant Approx. δ (mW/°C)	25°C时最大 额定功耗 Max. Power Rating at 25°C P _{max} (mW)	工作温度 Operating Temperature (°C)
			阻值范围 Range (KΩ)	允许偏差 Allowable Tolerance (%)	标称值 Nominal Value (K)	允许偏差 Allowable Tolerance (%)				
MF59-□□□□ (A)	3.6±0.2	1.5±0.2	0.1-1000KΩ	F: ±1 G: ±2 H: ±3 J: ±5 K: ±10	3100-4500	E: ±0.5 F: ±1	10	2	50	-55 ~ +250
MF59-□□□□ (B)	1.8±0.3	1.1±0.3		5		1	25			


 通过AEC-Q200检测
 Passed AEC-Q200 Testing

● 安规认证 Certifications

 UL1434认证
 UL1434 Certification
 (File# E240991)

 TUV 认证
 TUV Certification
 (File# R50245892)