

板载式热敏电阻系列

ON BOARD THERMISTOR SERIES

板载式热敏电阻产品介绍

板载式热敏电阻产品有表面贴装用的晶片型与圆板型, 以及主板贴装用的轴向引脚型与径向引脚型产品, 可适合各种安装。

Introduction of on-board thermistors

The on board thermistors are available in several different packages, from chip and melf for surface mount, to axial and radial leaded for through the hole mounting.

■ 板载式热敏电阻的种类 On-board thermistors

系列名 Series	形状 Type	端子电极 Termination	使用温度范围 Operating temperature range	电阻值范围 Resistance range
TS03, TC03, TH03	贴片式 SMD chip	镀锡 Tin plating	-40°C ~ +100°C	25Ω ~ 2KΩ
TN05, TC05, TH05			-40°C ~ +125°C	30Ω ~ 2MΩ
TN11, TH11				10kΩ ~ 1MΩ
TN10, TC10				30Ω ~ 150kΩ
TN20, TC20, TH20				40Ω ~ 2MΩ
SC05				47Ω ~ 2kΩ
SC10				1kΩ ~ 10kΩ
MN18, MH18	圆板型热敏电阻 MELF	镀锡 Solder plating	-40°C ~ +150°C	2kΩ ~ 150kΩ
FH05, FH10	薄片式热敏电阻 Flake chip	金电极 Au Electrode	-40°C ~ +125°C	10kΩ, 100kΩ
CN25, CH25	径向引脚型热敏电阻 Radial leaded	无铅焊接涂层铜镍合金线 Pb-free soldered Cu-Ni wire	-40°C ~ +110°C	500Ω ~ 1MΩ
RM16, RH16		聚氨酯被覆线 Polyurethane covered wire		1kΩ ~ 1MΩ
PH08		PVC被覆线 PVC covered wire	-40°C ~ +85°C	10kΩ, 100kΩ
BN35		PVC被覆线 PVC covered wire	-40°C ~ +80°C	10kΩ
DC30		无铅焊接涂层铜镍合金线 Pb-free soldered Cu-Ni wire	-40°C ~ +100°C	300Ω ~ 200kΩ
GR15		杜美丝 Dumet wire	-40°C ~ +300°C (+150°C)	10kΩ ~ 10MΩ
GA13, GH13		轴向引脚型热敏电阻 Axial leaded	镀镍或镀锡 Ni-plating or Tin plating	-40°C ~ +300°C & -40°C ~ +150°C
GA20, GH20	-40°C ~ +150°C			2kΩ ~ 1MΩ

※端子电极也可提供镀锡(无铅)规格。详情请垂询。 ※Regarding termination, we can supply tin plating (pb-free). Please consult us the detail.

■ 型号构成 Part number system

TS05	-	3T	103	J	B
系列名 Series		标称B值 B Value	标称电阻值 Resistance ①	电阻值容许偏差 Resistance tolerance ②	包装形式 Packing form ③

①表示25°C时的电阻值。前2位为电阻值的有效数字, 第3位为有效数字后的零的个数。单位为Ω。
Resistance value at 25°C is expressed in ohms. First two digits are significant and the last digit is the numbers of zeros following.

②电阻值容许偏差
Resistance tolerance.

③包装形式
Packing form

标记 Code	F	G	H	J	K	L																		
电阻值容许偏差 Resistance tolerance	±1%	±2%	±3%	±5%	±10%	±15%																		
B值容许偏差 B Value tolerance	<table border="0" style="width:100%; text-align:center;"> <tr> <td>===== ±1% =====</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>===== ±3% =====</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>===== ±5% =====</td> <td></td> <td></td> <td></td> </tr> </table>						===== ±1% =====							===== ±3% =====							===== ±5% =====			
===== ±1% =====																								
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		===== ±5% =====																						

记号 Code	包装形式 Packing form	包装数量 Packing Qty.	适用品种 Related series
B	散装 Bulk	500	TS03, TC03, TH03, TN05, TC05, TH05, TN10, TC10, TN11, TH11, TN20, TC20, TH20, SC05, SC10
		200	MN18, MH18, GA13, GH13, GA20, GH20 CN25, CH25, RM16, RH16, PH08, GR15
		100	DC30
C	塑料盘装 Plastic tray	4,00	FH05, FH10
T	纸带装 Paper taping	4,000	TN11, TH11, TN10, TC10, TN20, TC20, TH20, SC10
P	塑料带装 Plastic taping	2,000	MN18, MH18
F	扁平包装 Flat pack	2,000	GA13, GH13, GA20, GH20, DC30
R	纸带装 Paper taping	10,000	TN05, TC05, TH05, SC05
D		15,000	TS03, TC03, TH03

NTC THERMISTOR
热敏电阻