

Electrical Data (电气参数)

| Type 类型 | Power Rating 功率 at 70°C | Operating Temperature 工作温度范围 | Max.Working Voltage 最大工作电压 | Max.Overload Voltage 最大过负荷电压 | Dielectric With-standing Voltage 绝缘耐压 | Resistance Range 阻值范围 | | | TCR 温度系数 |
|------------|----------------------------|---------------------------------|-------------------------------|---------------------------------|--|-----------------------|-----------------|-----------|-------------|
| | | | | | | ±0.01% ±0.05% | ±0.1% ±0.25% | ±0.5% | |
| TC02 | 1/16W | -55°C~+155°C | 25V | 50V | 100V | / | 100Ω~2KΩ | 100Ω~2KΩ | ±5PPM/°C |
| | | | | | | / | 50Ω~12KΩ | 50Ω~12KΩ | ±10PPM/°C |
| | | | | | | / | 10Ω~332KΩ | 10Ω~332KΩ | ±25PPM/°C |
| | | | | | | / | 10Ω~332KΩ | 10Ω~332KΩ | ±50PPM/°C |
| TC03 | 1/10W | -55°C~+155°C | 75V | 150V | 300V | / | 100Ω~4KΩ | 100Ω~4KΩ | ±5PPM/°C |
| | | | | | | / | 10Ω~50KΩ | 10Ω~50KΩ | ±10PPM/°C |
| | | | | | | 4.7Ω~332K | 4.7Ω~1MΩ | 1Ω~1MΩ | ±25PPM/°C |
| | | | | | | 4.7Ω~332K | 4.7Ω~1MΩ | 1Ω~1MΩ | ±50PPM/°C |
| TC05 | 1/8W | -55°C~+155°C | 150V | 300V | 500V | / | 100Ω~15KΩ | 100Ω~15KΩ | ±5PPM/°C |
| | | | | | | / | 10Ω~100KΩ | 10Ω~100KΩ | ±10PPM/°C |
| | | | | | | 4.7Ω~511K | 4.7Ω~2MΩ | 1Ω~2MΩ | ±25PPM/°C |
| | | | | | | 4.7Ω~511K | 4.7Ω~2MΩ | 1Ω~2MΩ | ±50PPM/°C |
| TC06 | 1/4W | -55°C~+155°C | 200V | 400V | 500V | / | 100Ω~15KΩ | 100Ω~15KΩ | ±5PPM/°C |
| | | | | | | / | 10Ω~200KΩ | 10Ω~200KΩ | ±10PPM/°C |
| | | | | | | 4.7Ω~1M | 4.7Ω~3MΩ | 1Ω~3MΩ | ±25PPM/°C |
| | | | | | | 4.7Ω~1M | 4.7Ω~3MΩ | 1Ω~3MΩ | ±50PPM/°C |
| TC07 | 1/3W | -55°C~+155°C | 200V | 400V | 500V | / | 100Ω~15KΩ | 100Ω~15KΩ | ±5PPM/°C |
| | | | | | | / | 10Ω~200KΩ | 10Ω~200KΩ | ±10PPM/°C |
| | | | | | | 4.7Ω~1M | 4.7Ω~3MΩ | 1Ω~3MΩ | ±25PPM/°C |
| | | | | | | 4.7Ω~1M | 4.7Ω~3MΩ | 1Ω~3MΩ | ±50PPM/°C |
| TC10 | 1/3W | -55°C~+155°C | 200V | 400V | 500V | / | 100Ω~25KΩ | 100Ω~25KΩ | ±5PPM/°C |
| | 1/2W | | | | | / | 50Ω~200KΩ | 50Ω~200KΩ | ±10PPM/°C |
| | | | | | | 4.7Ω~1M | 4.7Ω~3MΩ | 1Ω~3MΩ | ±25PPM/°C |
| | | | | | | 4.7Ω~1M | 4.7Ω~3MΩ | 1Ω~3MΩ | ±50PPM/°C |
| TC12 | 3/4W | -55°C~+155°C | 200V | 400V | 500V | / | 100Ω~25KΩ | 100Ω~25KΩ | ±5PPM/°C |
| | | | | | | / | 50Ω~200KΩ | 50Ω~200KΩ | ±10PPM/°C |
| | | | | | | 10Ω~1M | 4.7Ω~3MΩ | 1Ω~3MΩ | ±25PPM/°C |
| | | | | | | 10Ω~1M | 4.7Ω~3MΩ | 1Ω~3MΩ | ±50PPM/°C |

Ordering Procedure (Example:Thin Film TC06 1/3W 0.1% 25PPM 1KΩ T/R-5000)

订购方式(例如: 薄膜TC06 1/3W 0.1% 25PPM 1KΩ T/R-5000)

T C 0 6 2 5 B 1 0 0 1 T 5 K

Product Type (产品类型):

Fill-in 4 digits with the Chip resistor type as follow (填四位数字表示产品类型):
TC02, TC03, TC05, TC06, TC07, TC10, TC12

Temperature coefficient (温度系数):

Fill-in 2 digits with the codes as following (用下列代码填二位数):
05 = 5PPM 10 = 10PPM
15 = 15PPM 25 = 25PPM
50 = 50PPM

Packing Type (包装类型):

T = T/R (编带 / 卷带)
B = Bulk in Poly bag (散装 / 袋装)
C = Bulk in cassette (散装 / 盒装)

Packing Qty. (包装数量):

4=4,000pcs
5=5,000pcs
C=10,000pcs
D=20,000pcs
E=15,000pcs

Tolerance (公差):

B = ±0.1%
C = ±0.25%
D = ±0.5%
F = ±1%

Resistance Value (阻值):

≤1%(E-24 & E-96 series)
the 1st to 3rd digits are for the significant figures of the resistance and the 4th indicate the numbers of zeros following.
≤1% 产品 (E-24, E-96 系列阻值):
第 1-3 位数表示阻值的有效数, 第4位数表示有几个0
The flowing numbers and the ltter codes is to be used to indicate the number of zeros in the 11th digit:
以下数字及字母用来表示第11位数有几个0:
0=10⁰ 1=10¹ 2=10² 3=10³ 4=10⁴ 5=10⁵ 6=10⁶
J=10¹ K=10² L=10³ M=10⁴ N=10⁵ P=10⁶

Special Feature (特征):

B=1/32W C=1/16W F=1/10W
G=1/8W H=1/6W J=1/4W
K=1/3W M=1/2W N=3/4W
P=1W S=Special

Remark: For more details, please check page 139, Part No. System. 注: 更多细节详见 P139 标准料号系统。

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[M55342K06B6E81RS3](#) [M55342K09B5D62RS6](#) [M55342M05B200DRWB](#) [M55342M06B26E7RS3](#) [M55342M06B4K70MS3](#)

[742C083750JTR](#) [MCR01MZPF1202](#) [MCR01MZPF1601](#) [MCR01MZPF1800](#) [MCR01MZPF6201](#) [MCR01MZPF9102](#) [MCR01MZPJ121](#)

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