

压脚型采样电阻 Current Sensing Resistors-JPSR Series

特征 Features

- 功率 1-3 瓦 1-3 Watt
 - ±10% 和 ±5% 精度 Tolerance ±10% or ±5%
 - 温度系数 TCR:±50 ppm/°C
 - 电感小于 10 纳亨 Low Inductance
 - 符合 ROHS 要求 Lead-free
 - 特殊规格可以订做
- Special tight tolerance are available on request



电气参数 Electrical Data

		JPSR		
85°C时功率 Power rating at 85°C Watts		1	2	3
阻值范围 Resistance range	ohms	0R001*to 0.05	0R002 to 0.10	0R005 to 0.20

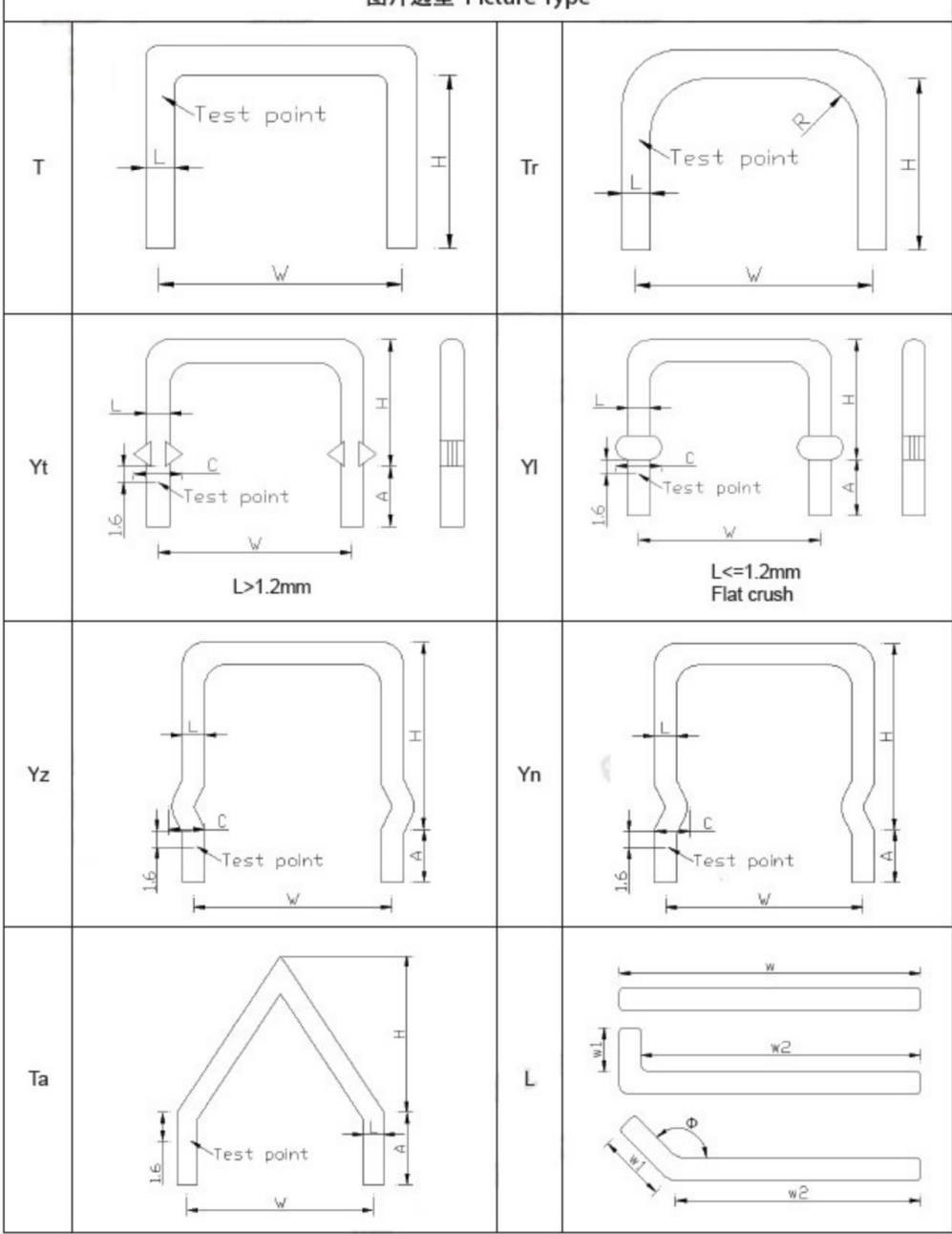
*Contact factory for values below 0.001 ohms.

命名规则 Order Information

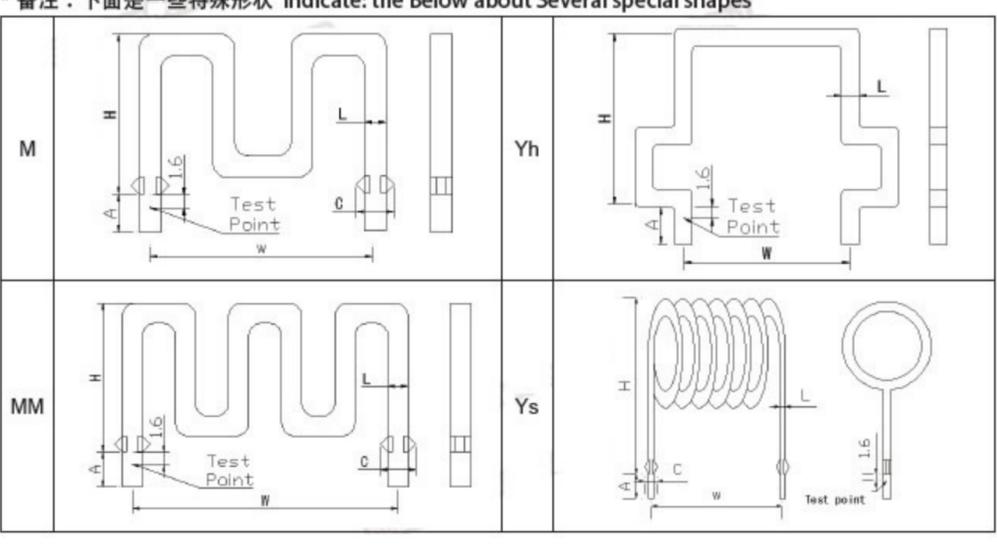
JPSR -Y - 1 - 08 - 10 - 20 - J - X

Type Form	Material	L Diameter	W Pitch	Resistance Value	Resistance tolerance	Other
JPSR-T: wire jumper	1:Constantan	0.5~3.0mm	Unit:mm	Unit:mΩ	K:±10%	Over all electrop-lating:X
JPSR-Tr	2:Manganin				J:±5%	Dip in tin:X1
JPSR-Y: Press foot	3:Copper-Nickel				G:±2%	Special size
JPSR-Yt					F:±1%	
JPSR-YI					D:±0.5%	
JPSR-YZ: outside fold feet						
JPSR-Yn: inside fold feet						
JPSR-L: straight line						
JPSR-M						
JPSR-Ys: Spring type						

图片选型 Picture Type



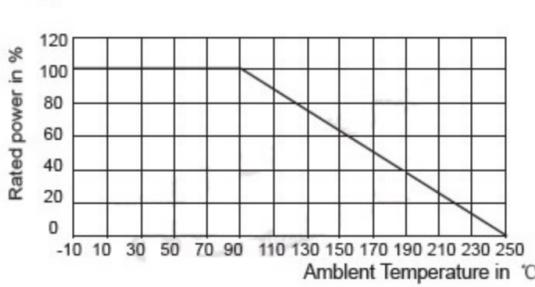
* 备注：下面是一些特殊形状 Indicate: the Below about Several special shapes



工作特性 Performance Data

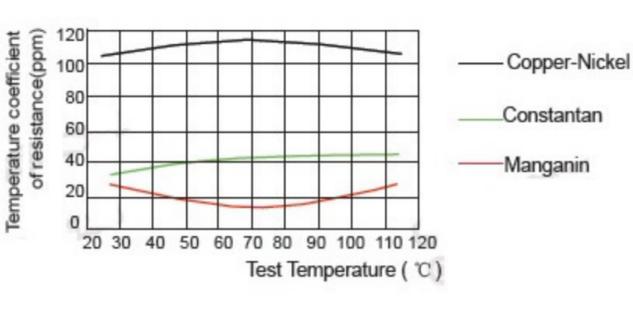
TEST	CONDITIONS OF TEST	TEST LIMITS
Thermal Shock	-55°C to 150°C , 1000 cycles, 15 min at each extreme	±(1.0%+0.0005Ω)ΔR
Shot time overload	5×rated power for 5 s	±(0.5%+0.0005Ω)ΔR
Low temperature storage	-65°C for 45 min	±(0.5%+0.0005Ω)ΔR
High temperature exposure	1000 h at +170°C	±(1.0%+0.0005Ω)ΔR
Bias humidity	+85°C , 85% RH, 10% bias, 1000 h	±(0.5%+0.0005Ω)ΔR
Mechanical shock	100 g's for 6 ms, 5 pulses	±(0.5%+0.0005Ω)ΔR
Vibration	Frequency varied 10 Hz to 200 Hz in 1 min, 3 directions, 12 h	±(0.5%+0.0005Ω)ΔR
Load life	1000 h at +70 °C, 1.5 h "ON", 0.5 h "OFF"	±(1.0%+0.0005Ω)ΔR
Resistance to solder heat	+ 260 °C solder, 10 s to 12 s dwell, 25 mm/s emergence	±(0.5%+0.0005Ω)ΔR
Moisture resistance	MIL-STD-202, method 106, 0 % power, 7a and 7b not required	±(0.5%+0.0005Ω)ΔR

功率曲线 Power Derating 电话：0755-29796190 传真：0755-29796149

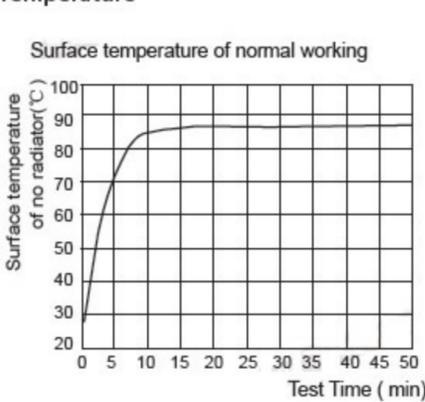


电气性能 Electrical Features

- 温度系数曲线 TCR Derating



表面温度图 Surface Temperature



应用范围 Applications

- 电流采样 Current Sensing
- 反馈电路 Feedback
- 低电感电路 Low Inductance
- 大电流脉冲电路 Surge and pulse

包装 Packaging

- 散装, 每包装 1000PCS bulk, 1000PCS per package 电话：0755-29796190 传真：0755-29796149