

TR 功率厚膜电阻 TR Power Thick Film Resistors



本体颜色: Body Color

标准品: Standard (Black 黑色)

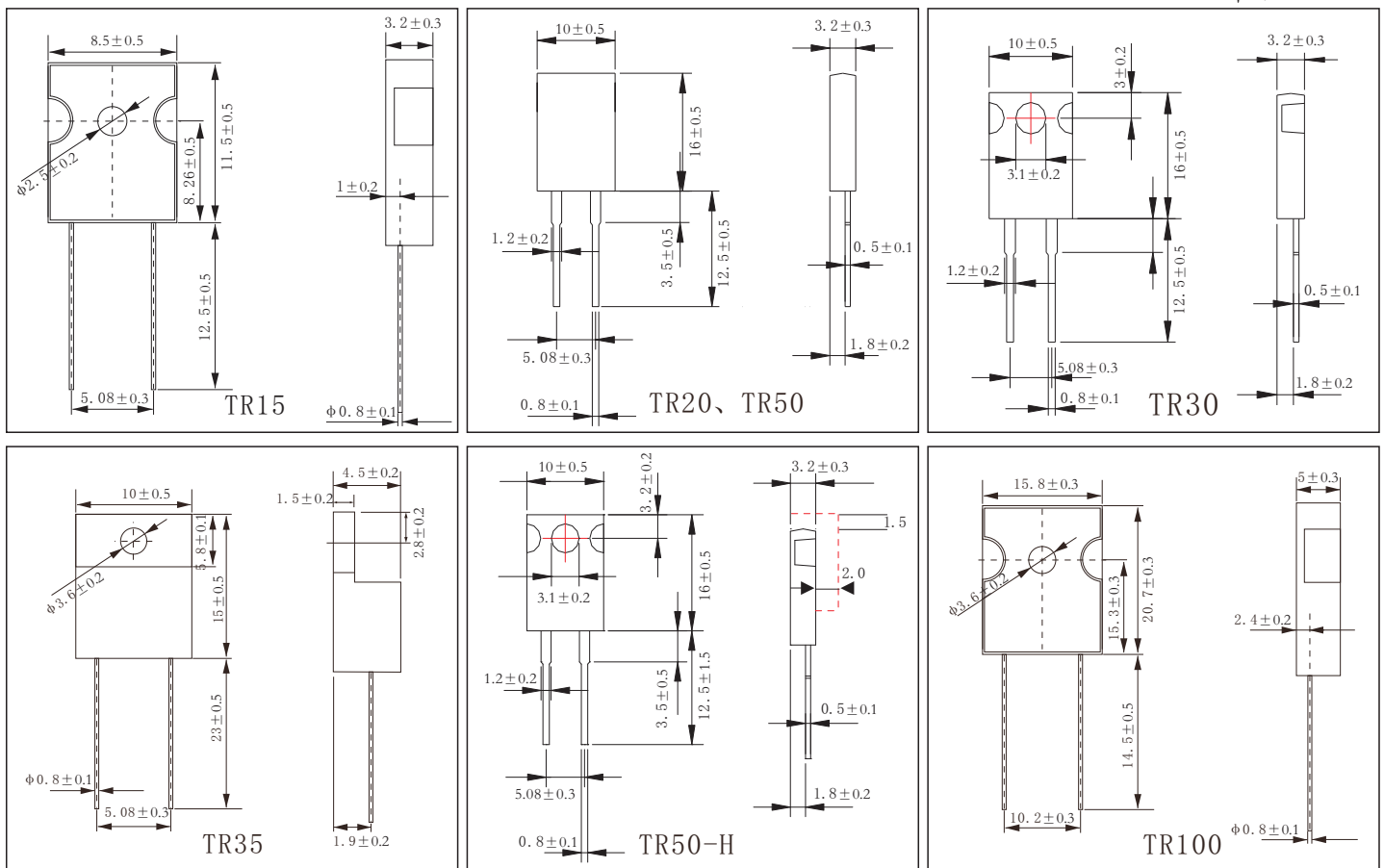
标示: Marking

(根据客户要求提供相应标识)

(According to the customer request to provide corresponding identification)

结构图 Construction

单位:mm



特性 Feature

- I 0.5%精度, 无感设计。0.5% Tolerance, Non inductance design
- II 大功率, 阻值范围宽。High power, wide resistance value
- III 方便安装。Easy mounting
- IV 同一封装可有两个不同阻值电阻。Two different values of resistors in one case

应用范围 Applications

- I 仪器仪表 Meters and instruments
- II 各种电子设备 All kinds of electrical devices

参考规格 Reference Standards

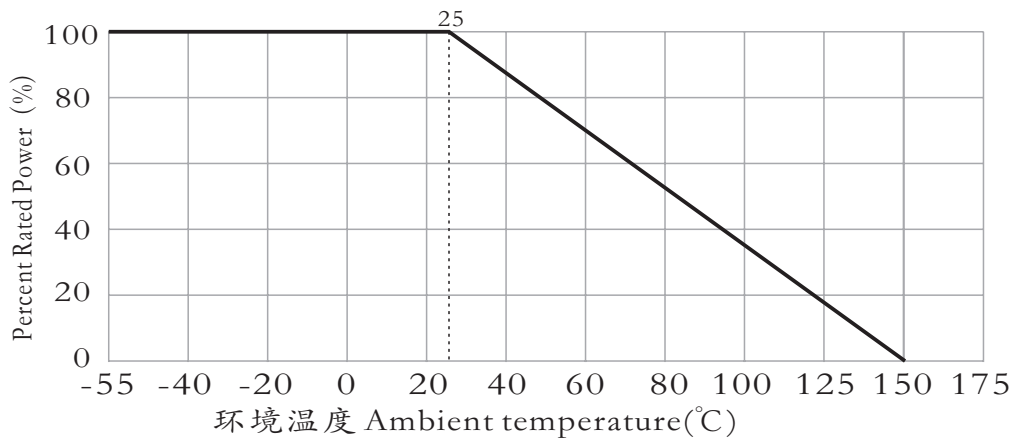
JIS C 5201-1

TR 功率厚膜电阻 TR Power Thick Film Resistors

功率、阻值范围与耐电压 Power And Resistance etc

规格 Type	功率(W) Power (25°C)	热阻 (°C/W) Thermal resistance	阻值范围 Resistance Range (Ω)	精度 Tolerance	温度系数 T.C.R	最高使用电压 Max working Voltage	气候类别 Climatic category
TR15	15	6.5	0.1~1MΩ	±0.5% ±1% ±5%	±50ppm/°C ±100ppm/°C ±250ppm/°C	350V	55/125/56
TR20	20	6.5					
TR30	30	6.5					
TR35	35	6.5				500V	
TR50	50	5.0					
TR50-H	50	5.0				1000V	
TR100	100	5.0					

降功耗曲线图 Derating Curve



性能 Performance

试验项目 Test Items	规格值 Performance Requirements	试验方法 Test Methods(JIS C 5201-1)
短时间过负荷 Short time overload	$\Delta R \leq \pm(0.25\%R+0.05\Omega)$	2.5V _R .5s
快速温度变化 Rapid temperature change	$\Delta R \leq \pm(0.25\%R+0.05\Omega)$	-55°C,30min/125°C,30min 5cycles
寿命 Load life	$\Delta R \leq \pm(1\%R+0.05\Omega)$	15°C~35°C,P _R ,1000h
稳态湿热 Humidity(steady states)	$\Delta R \leq \pm(1\%R+0.05\Omega)$	40°C,RH93±3%.56d
气候顺序 Temperature cycling	$\Delta R \leq \pm(1\%R+0.05\Omega)$	125°C,16h/55°C,RH93±3%,24h/-55°C,2h/15~35°C,8.5KPa,1h

料号编号 ordering Information

例 example

TR	15	0.5%	10R0	±50ppm	盒装
型号 Type	额定功率 Rated Power	误差值 Tolerance	电阻值 (Ω) Resistance	温度系数 TCR	包装方式 Packaging
	15:15W 20:20W 30:30W 35:35W 50:50W 50-H:50W 100:100W	±0.5% ±1% ±5%	10R0=10Ω	±50ppm ±100ppm ±250ppm	盒装 Box

包装说明: 包装塑料自封袋包装
(起订量100只)。
Packaging: Plastic recloseablebags
(moq: 100PCS)