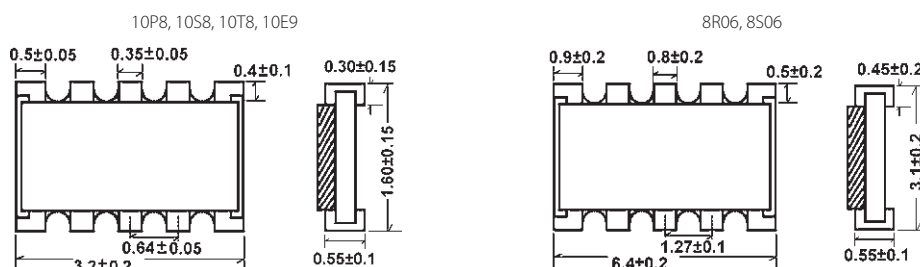


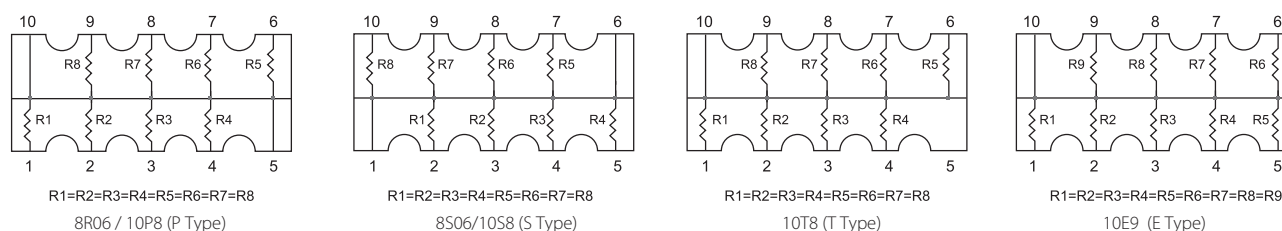
Feature (特性)

- High density, more than 1 resistors in one small case 高度密集, 多个电阻在一个表贴封装中
- Improvement of placement efficiency 装配效率高
- Tape/Reel packaging is suitable for automatic placement machine 编带卷装适合自动化机器
- Superior solderability 优越焊锡性

Dimension (尺寸) (mm)



Equivalent Circuit Diagram (等效电路图)



Characteristics (特性)

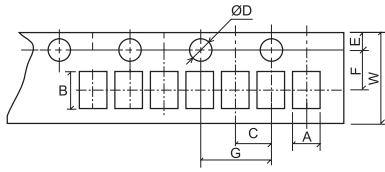
Power Rating	额定功率	10P8,10S8,10T8,10E9 1/32W [1/16W Special available (可特别提供)]	8R06, 8S06 1/16W
Max. Working Voltage	最大工作电压	25V	50V
Max. Overload Voltage	最大过负荷电压	50V	100V
Dielectric withstanding Voltage	绝缘耐压	50V	100V
Operating temperature	工作温度	-55°C ~ +155 °C	-55°C ~ +155 °C
Resistance Range	阻值范围	10Ω~1MΩ	±1% :30Ω~1MΩ ±5% :10Ω~1MΩ
Resistance Value of Jumper	零欧姆电阻阻值	<50mΩ	/
Rated Current of Jumper	零欧姆电阻额定电流	0.5A	/

Performance Specification (性能)

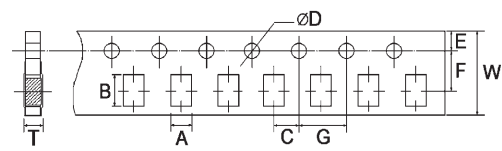
Temperature Coefficient	温度系数	±200PPM/°C
Short-time overload	短时间过负荷	±(2.0% ±0.05Ω)
Insulation resistance	绝缘电阻	≥1,000MΩ
Dielectric withstanding voltage	绝缘耐压	No evidence of flashover, mechanical damage, arcing or insulation breakdown 无击穿, 飞弧及可见机械性损伤
Terminal bending	端子弯曲	±(1.0% ±0.05Ω)
Soldering heat	耐焊接热	ΔR/R ≤ ±(1.0% ±0.05Ω)
Solderability	可焊性	Coverage must be over 95%.
Load life in humidity	湿度寿命	±(3.0% ±0.1Ω)
Load life	负载寿命	±(3.0% ±0.1Ω)

Remark: For more details, please check page 152, Part No. System. 注: 更多细节详见 P152 标准料号系统。

Dimension of Paper Taping (纸带尺寸)(mm)



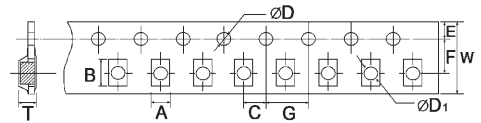
01005 0201 CQ01 2F01 4F01 PFOA NS01 0402 AS02 CQ02 HP02 HQ02 NM02
TC02 PF02 PS02 CS02 NS02 2C02 4C02 4D02 2D02 2S02 4S02



0603 CQ03 0805 CQ05 1206 CQ06 1210 CQ10 2010 CQ07 0508 0612 1020 HQ03 HQ05 HQ06 HQ07 HQ10 HP03 HP05 HP06 HP07 HP10
HV03 HV05 HV06 HV07 HV10 NM03 NM05 NM06 NS03 NS05 NS06 NS07 NS10 AS03 AS05 AS06 AS07 AS10 PS03 PS05 PS06 PS07 PS10
CS03 CS05 CS06 CS07 CS10 TC03 TC05 TC06 TC07 TC10 2F01 4F01 2D03 4D03 4C03 10P8 10S8 10T8 10E9 16P8

Type (类型)	A±0.2	B±0.2	C±0.05	ØD ^{+0.1} ₋₀	E±0.1	F±0.05	G±0.1	W±0.2	T±0.1
01005, PFOA	0.24±0.05	0.45±0.05	2.0	1.5	1.75	3.5	4.0	8.0	0.40
0201, CQ01, ES01, PF01, NS01, NQ01, TA01	0.40±0.05	0.70±0.05	2.0	1.5	1.75	3.5	4.0	8.0	0.42
0402, CQ02, AS02, CS02, NQ02, ES02, HP02, HQ02, PF02, LT02, NM02, TC02, PS02 NS02, TA02	0.65±0.1	1.2±0.1	2.0	1.5	1.75	3.5	4.0	8.0	0.42±0.05
0603, CQ03, AS03, PS03, NQ03, ES03, HP03, HQ03, HV03, PF03, LT03, NM03, NS03, TC03, CS03, 4DP3, TA03	1.10	1.90	2.0	1.5	1.75	3.5	4.0	8.0	0.67
0805, CQ05, AS05, NQ05, CS05, ES05, HP05, HV05, HQ05, PF05, LT05, LE05, MS05, NM05, NS05, PS05, TC05, WR08, TA05	1.65	2.40	2.0	1.5	1.75	3.5	4.0	8.0	0.81
1206, CQ06, AS06, NQ06, CS06, ES06, HP06, HQ06, HV06, PF06, LR06, LT06, LE06, MS06, NS06, NM06, PS06, TC06, WR12, TA06	2.00	3.60	2.0	1.5	1.75	3.5	4.0	8.0	0.81
1210, CQ07, AS07, NQ07, HQ07, HP07, CS07, ES07, HV07, PF07, PS07, AS07, TC07, NS07 TA07	2.80	3.50	2.0	1.5	1.75	3.5	4.0	8.0	0.75
2D02, 2C02, 2S02	1.20	1.20	2.0	1.5	1.75	3.5	4.0	8.0	0.45
4D02, 4C02, 4S02	1.20	2.20	2.0	1.5	1.75	3.5	4.0	8.0	0.70
2F01	0.79	1.0	2.0	1.5	1.75	3.5	4.0	8.0	0.5
4F01	0.9	1.7	2.0	1.5	1.75	3.5	4.0	8.0	0.5
2D03	1.90	1.90	2.0	1.5	1.75	3.5	4.0	8.0	0.83
4D03, 4C03, 4S03	2.00	3.60	2.0	1.5	1.75	3.5	4.0	8.0	0.83
10P8, 10S8, 10T8, 10E9	2.00	3.60	2.0	1.5	1.75	3.5	4.0	8.0	0.85

Dimension of Embossed Taping (塑胶带尺寸)(mm)



Type (类型)	A±0.2	B±0.2	C±0.05	ØD ^{+0.1} ₋₀	ØD ₁ ^{+0.25} ₋₀	E±0.1	F±0.05	G±0.1	W±0.2	T±0.1
2010, AS10, CQ10, NQ10, HQ10, HP10, CS10, HV10, NS10, MS10, LR10, PS10, PF10, TC10, WR20, TA10	2.9	5.6	2.0	1.5	1.5	1.75	5.5	4.0	12	1.0
1812, CS11, HP11, WR18	3.5	4.8	2.0	1.5	1.5	1.75	5.5	4.0	12	1.0
2512, CQ12, AS12, CS12, NQ12, HP12, HQ12, HV12, PF11, PF12, MS12, LR12, NM12, PS12, TC12, RS12, WR25, NS12, TA12	3.5	6.7	2.0	1.5	1.5	1.75	5.5	4.0	12	1.0
16P8	1.8	4.30	2.0	1.5	1.0	1.75	5.5	4.0	12	0.75
8R06, 8S06	3.4	6.6	2.0	1.5	1.5	1.75	5.5	4.0	12	1.0
SP10	2.90	5.6	2.0	1.5	1.5	1.75	5.5	4.0	12	1.35
SP12	3.50	6.7	2.0	1.5	1.5	1.75	5.5	4.0	12	1.35
SP17	4.50	7.4	2.0	1.5	-	1.75	7.5	4.0	16	1.35
SP20	5.40	11.5	2.0	1.5	-	1.75	11.5	4.0	24	1.35
SP27	7.20	11.9	2.0	1.5	-	1.75	11.5	4.0	24	1.35