

TCR series 厚膜晶片電阻

額定 (Rating)

型號 TYPE	額定功率 Power Rating at 70°C	最高 使用電壓 Max. RCWV.	最高 過負荷電壓 Max. Overload Voltage	阻值容許差 Resistance Tolerance	阻值範圍 Resistance Range		標準阻值 Standard Resistance Values	溫度系數 Temperature Coefficient (TCR:ppm/°C)
					Min	Max		
0201	1/40W	25V	50V	±1% (F) ±5% (J)	10Ω 0Ω;1Ω	100KΩ 1MΩ	E-96 E-24	±50, ±100 ±200
0402	1/16W	50V	100V	±1% (F) ±5% (J)	10Ω 0Ω;1Ω	100KΩ 1MΩ	E-96 E-24	±50, ±100 ±200
0603	1/10W	50V	100V	±0.1% (B)	100Ω	100KΩ	E-24	±50
				±0.5% (D)	10Ω	1MΩ	E-96	±50
				±1% (F)	1Ω	1MΩ	E-96	±50, ±100
				±2% (G)	1Ω	10MΩ	E-24	±200
				±5% (J)	0Ω, 1Ω	10MΩ	E-24	±200
0805	1/8W	150V	300V	±0.1% (B)	100Ω	100KΩ	E-24	±50
				±0.5% (D)	10Ω	1MΩ	E-96	±50
				±1% (F)	1Ω	1MΩ	E-96	±50, ±100
				±2% (G)	1Ω	10MΩ	E-24	±200
				±5% (J)	0Ω, 1Ω	10MΩ	E-24	±200
1206	1/4W	200V	400V	±0.1% (B)	100Ω	100KΩ	E-24	±50
				±0.5% (D)	10Ω	1MΩ	E-96	±50
				±1% (F)	1Ω	1MΩ	E-96	±50, ±100
				±2% (G)	1Ω	10MΩ	E-24	±200
				±5% (J)	0Ω, 1Ω	10MΩ	E-24	±200
2010	3/4W	200V	400V	±1% (F) ±5% (J)	1Ω 0Ω, 1Ω	1MΩ 10MΩ	E-96 E-24	±50, ±100 ±200
2512	1W	200V	400V	±1% (F) ±5% (J)	1Ω 0Ω, 1Ω	1MΩ 10MΩ	E-96 E-24	±50, ±100 ±200

HOW TO ORDER

CR
TYPE

0402

SIZE

0201
0402
0603
0805
1206
2010
2512

J

Tolerance

B : ±0.1%
D : ±0.5%
F : ±1%
G : ±2%
J : ±5%

T

Packing

T : Paper tape, 5,000pcs
V : Paper tape, 10,000pcs
P : Plastic tape, 4,000pcs
B : In bulk
C : Bulk Case
W : Paper tape, 20,000pcs

1030

Resistance Value

5% : 3Digit
1st 2 significant
3rd multiplier(10ⁿ)
4th Digital always 0
1% : 1st 3 significant
4th multiplier(10ⁿ)
3 Digit (0603 only)
JIS C 5201

電阻值表示 (Resistance Marking)



3 digit marking for E24(J) 1R5:1.5Ω
 examples: 100 : 10Ω 000,0 : 0Ω
 122 : 1.2KΩ
 473 : 47 KΩ
 105 : 1 MΩ