

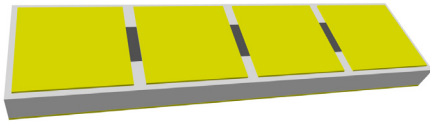
CR
Capacitor/Resistor Network

Type: CR

CR Capacitor/Resistor Network

1 Features

- 1) Small size, high frequency, easy for integration and attachment;
- 2) TaN thin-film resistors are integrated, stable performance;
- 3) Gold Electrode is applicable to micro-assembly process such as gold wire or gold strip bonding.



2 Applications

Applicable to GaN, GaAs' Periphery and Electrical Equipment Such as Micro-Wave Communication Equipments.
Functions in Radio and Micro-Wave Circuits are D.C. Blocking, by Passing, Filtering, Coupling, Tuning, Matching and Etc.

3 How to order

CR	600100	CG	1H	200	M	500	K	T	C
Type	Size	TCC	Rated Voltage	Nominal Capacitance	Capacitance Tolerance	Nominal Tolerance	Resistance Tolerance	Electrode code	Packing code
①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩
① Type									
CR		Capacitor/Resistor Network							
② Size (Unit: mm)									
Drawing				Size	300100		600100		
				L	3.000 ± 0.127		6.000 ± 0.127		
				W	1.000 ± 0.127		1.000 ± 0.127		
				T	0.120~0.350				
③ TCC				④ Rated Voltage					
Check P91 Table 4 for details				1H		50V			
				2A		100V			
⑤ Nominal Capacitance									
EIA Capacitance code in pF.1st two digit are significant figures of capacitance; 3rd digit denotes number of Zeros; R=decimal point; For examples: 2R5=2.5Ω.									
⑥ Capacitance tolerance									
A:±0.05pF		F:±1%		K:±10%		S:-20% ~ +50%			
B:±0.1pF		G:±2%		L:±15%		Z:-20% ~ +80%			
C:±0.25pF		H:±3%		M:±20%		/			
D:±0.5pF		J:±5%		N:±30%		/			

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⑦ Nominal Resistance		⑨ Electrode			
EIA Capacitance code in pF.1st two digit are significant figures of capacitance; 3rd digit denotes number of Zeros; R=decimal point; For examples: 2R5=2.5Ω.		P		TiW/Au	
		T		TiW/Ni/Au	
		C		NiCr/Au	
		S		Special Electrode	
		The above excludes resistance layer (TaN)			
⑧ Resistance Tolerance		⑩ Packing			
K	± 10%	C	Waffle	F	Film
M	± 20%				

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4 Class 1 Ceramic Capacitance Range									
Type	Size	Rated V.	TCC	AG	CG	UK	QK/VL	KL	DM
CR	300100	50V 100V	min.	0.7	1.4	11.5	17.7	38.9	52.2
			max.	2.5	16.3	26.6	59.2	89.9	120.5
	600100	50V 100V	min.	1.4	2.8	23.0	35.4	77.9	104.4
			max.	4.9	32.7	53.1	118.5	179.7	241.0

5 Class 2 Ceramic Capacitance Range				
Type	Size	Rated Voltage	TCC	2X1
CR	300100	50V 100V	min.	97
			max.	816
	600100	50V 100V	min.	195
			max.	1633

6 Class 3 Ceramic Capacitance Range				
Type	Size	Rated Voltage	TCC	UX
CR	300100	16V 25V 50V 63V	min.	1500
			max.	5000
	600100	16V 25V 50V 63V	min.	3000
			max.	10000

7 Resistance Range				
Type	Size	Resistance Range	Resistance tolerance	Rated Power
CR	300100	2Ω~100Ω	K: ±10% M: ±20%	0.1W@70℃
	600100	2Ω~200Ω		