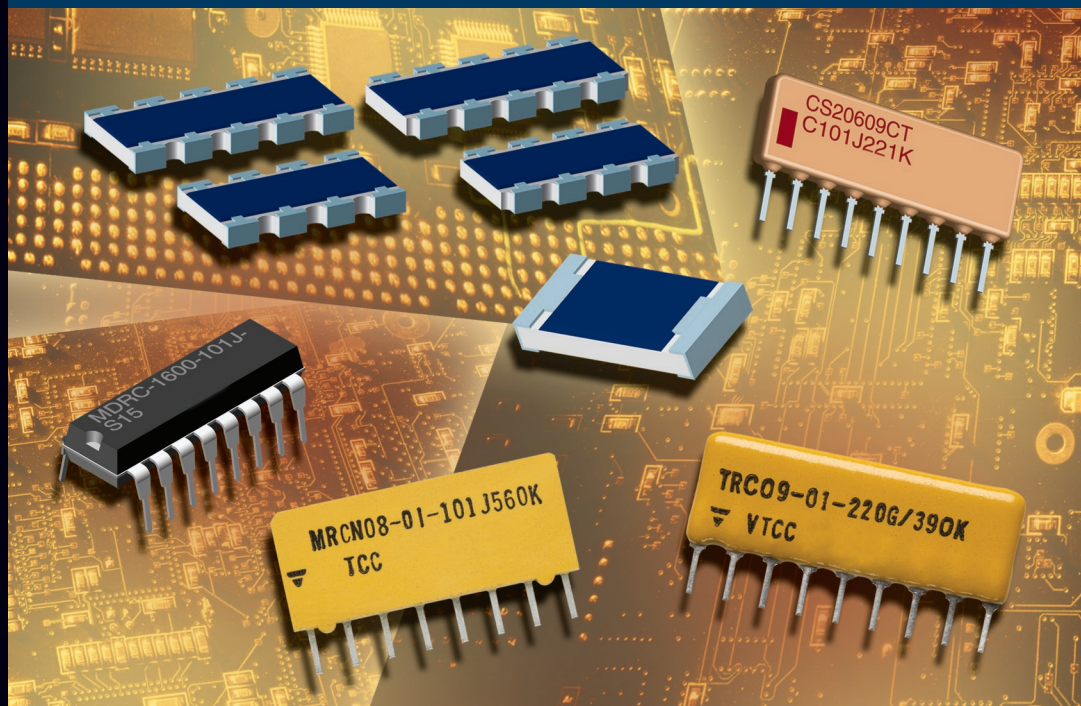




RESISTOR/CAPACITOR NETWORKS




KEY BENEFITS

- A wide range of power ratings (0.15 W to 2.0 W)
- A wide resistance range (10 Ω to 1 M Ω)
- A wide capacitance range (10 pF to 0.1 μ F)
- Low/High temperature performance (- 55 $^{\circ}$ C to + 125 $^{\circ}$ C)
- Tight resistor tolerance (down to 1 %)
- Tight capacitor tolerance (down to 10 %)
- Available with COG/NPO, X7R, or Y5U capacitor dielectrics
- Low temperature coefficient (down to \pm 100 ppm/ $^{\circ}$ C)
- Thick Film resistive elements
- Reduces total assembly costs
- Custom networks available

APPLICATIONS

- Supply filtering
- Line termination
- Line matching
- AC coupling
- Impedance matching
- CKT bias and coupling



Surface-Mount Resistor/Capacitor Networks										
Product	Circuit	Profile	Resistor				Capacitor			
			Power Rating (W)	Value Range (Ω)	TC (ppm/°C)	Tolerance (±/%)	Type	Value Range	Tolerance (±/%)	
CRCA12E, CRCA12S 	01 02 03	n/a n/a n/a	0.125	10 - 1M	± 200	5 %	X7R Y5U	10 pF - 270 pF 270 pF - 1800 pF	± 15% + 20 % to - 56 %	
CRCC 	n/a	n/a	0.125	10 - 1M	± 200	5 %	X7R Y5U	10 pF - 270 pF 270 pF - 1800 pF	± 20 %	
Single-in-Line Through Hole Resistor/Capacitor Networks										
CS206 	E, M T A	B C E	0.125	10 - 1M	± 200	2 %, 5 %	X7R COG or X7R X7R	0.01 μF 100 pF - 0.1 μF 0.01 μF	10 %, 20 %	
MRCN 	10 20 30	C C C	0.125	50 - 1K	± 150	2 %, 5 % (1 %*)	NPO X7R	33 pF - 3900 pF 470 pF - 0.1 μF	10 %, 20 %	
TRC 	01 02 09	C C C	0.125	50 - 1K	± 150	2 %, 5 % (1 %*)	NPO X7R	33 pF - 3900 pF 470 pF - 0.1 μF	10 %, 20 %	
Dual-in-Line Through Hole Resistor/Capacitor Networks										
MDRC 	41	n/a	0.15	50, 68, 75,			± 100	2 %	X7R	0.01 μF
	42	n/a	0.15	100, 510						
	43	n/a	0.2	R1	R2	Zo				
				81	130	50				
			121	195	75					
			162	260	100				+ 40 % to - 20 %	

* Tolerances in parenthesis are available upon request

Contact factory about custom schematics and/or test requirements for the SMD (CRCA, CRCC, DFRC), SIP (CS206, CSRC, MRCN, TCR), and DIP (MDRC) product lines.

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