

• Applications

Components easy to place on standard PC board



• Electrical Parameters

Electrical Characteristics at + 25°C unless otherwise specified
Operating Temperature - 55°C, + 125°C
Temperature Coefficient ± 15% with 0Vdc applied
Dissipation Factor ≤ 0.025 at 1Vrms and 1kHz (or 1MHz)

Insulation Resistance (IR)
 25°C/Un 10⁵ MOhm or 1000 Ohm-Farad whichever is less
 125°C/Un 10⁴ MOhm or 100 Ohm-Farad whichever is less
Dielectric Strength Test
 2.5Un for 5s with 50mA max charging current

• Quick Reference Data

	SRMC31	SRMC32	SRMC41	SRMC43	SRMC44
25V	100pF - 100nF	100pF - 1.8μF	100pF - 1.8μF	100pF - 2.2μF	100pF - 2.2μF
50V/63V	100pF - 100nF	100pF - 1.5μF	100pF - 1.5μF	100pF - 1.8μF	100pF - 1.8μF
100V	100pF - 68nF	100pF - 1μF	100pF - 1μF	100pF - 1.2μF	100pF - 1.5μF

• Ordering Information

SRMC41	Y	101	K	A	V	XX
STYLE	DIELECTRIC	CAPACITANCE	TOLERANCE	VOLTAGE	PACKAGING	SPECIAL REQUIREMENT
SRMC31 SRMC41	Y = X7R	Expressed in picofarads (pF). The first two digits are significant, the third digit give the number of noughts. Example : 102 = 1000pF	J = ± 5% K = ± 10% M = ± 20%	X = 25V A = 50/63V B = 100V	V = Bulk	

• Dimensions in millimeters

SRMC Style	SRMC31	SRMC32	SRMC41	SRMC43	SRMC44
Lead spacing ± 0,76 mm	2.54	2.54	5.08	5.08	5.08
Height (H) max	3.81	5.1	5.1	6.5	7.6
Length (L) max	5.1	5.1	5.1	6.5	7.6
Thickness (T) max	2.5	3.2	3.2	3.2	3.2
Leads diameter nominal	0.6	0.6	0.6	0.6	0.6

