

### • Applications



### • 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

#### Insulation Resistance (IR)

25°C/Un 10<sup>5</sup> MOhm or 1000 Ohm-Farad whichever is less  
 125°C/Un 10<sup>4</sup> MOhm or 100 Ohm-Farad whichever is less

#### Dielectric Strength Test

Performed per method 103 of EIA 198-2-E  
 Applied test voltages :  
 ≤ 100Vdc-rated : 250% of rated voltage

### • Quick Reference Data

	SRMC32	SRMC41	SRMC43	SRMC44	SRMC61
50V/63V	1pF - 10nF	1pF - 10nF	120pF - 39nF	1.2nF - 100nF	100pF - 150nF
100V	1pF - 3.9nF	10pF - 3.9nF	120pF - 12nF	1.2nF - 22nF	100pF - 100nF

### • Ordering Information

SRMC41	A	101	K	A	V	XX
STYLE	DIELECTRIC	CAPACITANCE	TOLERANCE	VOLTAGE	PACKAGING	SPECIAL REQUIREMENT
SRMC32 SRMC41 SRMC43 SRMC44 SRMC61	A = NPO	Expressed in picofarads (pF). The first two digits are significant, the third digit give the number of noughts. Example : 102 = 1000pF	C = ± 0.25pF D = ± 0.5pF F = ± 1% G = ± 2% J = ± 5% K = ± 10%	A = 50V B = 100V	B = 7" reel V = Bulk	

### • Dimensions in millimeters

SRMC Style	SRMC32	SRMC41	SRMC43	SRMC44	SRMC61
Lead spacing ± 0,76 mm	2.54	5.08	5.08	5.08	10.16
Height (H) max	5.1	5.1	6.5	7.6	11.1
Length (L) max	5.1	5.1	6.5	7.6	11.1
Thickness (T) max	3.2	3.2	3.2	3.2	4
Leads diameter nominal	0.6	0.6	0.6	0.6	0.6

