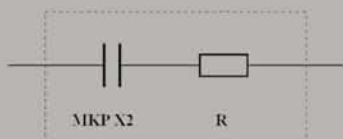


t two digits are  
significant digits.  
Third digit is number  
of zeros.

Ex: 105 = 1,000,000pF = 1 $\mu$ F



### Internal Connection



## Series MKP RCS X2 Class 250 VAC / 275 VAC

Metallized Polypropylene dielectric capacitor and series with resistor packaged in a UL94V-0 plastic case and epoxy resin. Features include: Low DF & excellent high frequency characteristics, self-healing property and small size, withstand high pulse voltage and interference suppression, and excellent temperature characteristics. Applications include: Relay connector protective, spark and over voltage absorb circuits, and high frequency and high pulse voltage electronic circuits.



## Specifications

### Temperature Range

-40°C - +100°C.

### Capacitance Tolerance

±10%, ±20%

### Insulation Resistance

C ≤ 0.33µF IR ≥ 15000MΩ  
C > 1.0µF IR > 5000S  
at 20°C/100VDC/60s

### Rated Voltage

250 VAC / 275 VAC.

### Withstand Voltage

2200 VDC 2S

### Pulse Voltage

U<sub>p</sub> 2500VDC

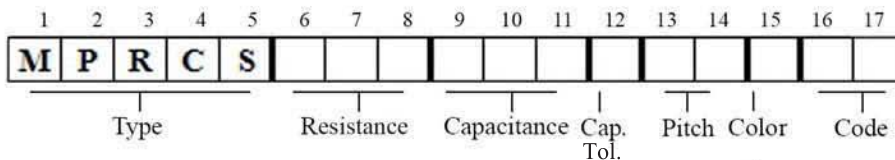
### Capacitance Range

X2: 0.01µF to 1µF  
at 20°C/1KHz

### Dv/Dt

100V/µs.

Cap.	250 VAC / 275 VAC						
µF	Part #	Ω	P	W (max)	H (max)	T (max)	LD (dia)
0.01	MPRCS100103-15-00	100	15.0	18.0	11.0	5.0	0.6
0.033	MPRCS100333-15-00	100	15.0	18.0	11.0	5.0	0.6
0.047	MPRCS100473-15-00	100	15.0	18.0	14.5	7.5	0.6
0.047	MPRCS100473-22-00	100	22.5	26.5	15.0	6.0	0.6
0.1	MPRCS100104-22-00	100	22.5	26.5	15.0	6.0	0.6
0.22	MPRCS100224-22-00	100	22.5	26.5	17.0	8.5	0.6
0.33	MPRCS100334-22-00	100	22.5	26.5	17.0	8.5	0.6
0.47	MPRCS100474-27-00	100	27.5	32.0	20.0	11.0	0.6
0.68	MPRCS100684-27-00	100	27.5	32.0	20.0	11.0	0.6
0.68	MPRCP100684-27-00	100	27.5	32.0	20.0	11.0	0.6
0.82	MPRCS100824-27-00	100	27.5	32.0	23.0	13.0	0.6
1.0	MPRCS100105-27-00	100	27.5	32.0	23.0	13.0	0.6



J	±5%
K	±10%

Y	Yellow	B	Blue
H	Grey	K	Black
G	Green		