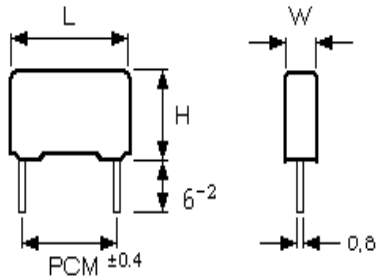


**CPR-1**      **MKP-1**      **METALLIZED POLYPROPYLENE CAPACITORS**  
RADIAL.



**General data :**

- **Dielectric** polypropylene film, self regenerating.
- **Plates:** aluminium layer deposited by evaporation under vacuum.
- **Winding :** non-inductive type.
- **Leads:** tinned wire.
- **Protection** plastic case, epoxy resin filled.
- **Technical terms and test:** IEC 384-16 IEC68
- **Climatic category:** (IEC 68-1) 55/ 85/ 56 , (DIN40040) FPD

**Electrical characteristics**

- **Nominal voltage (Vn dc):** 250-400-630

- **Dissipation Factor (Df at 25°C):**

1 KHz =	<10 x 10 <sup>-4</sup>
10 KHz =	<20 x 10 <sup>-4</sup>

- **Insulation Resistance (Ri):**

Temperature: 25°C

Voltage charge:

100 Vdc for Vn < 500Vdc
500 Vdc for Vn >= 500Vdc

Charge time: 1 minute

Performances	
C ≤ 0,33µF=	30.000 Mohm
C > 0,33µF=	10.000 sec.

- **Test Voltage:** (2 seg. at 25°C) 1,6 x Vn

- **Life test:**

Temperature: 85°C  
Voltage: 1,25 x Vn  
Duration: 2.000 hours  
Variations:

Capacitance: < 2%
Df change: < 10 x 10 <sup>-4</sup>
Insulation: > limit value

**• Maximun pulse rise time V/ µs.**

Vdc	250	400	630
PCM 15,0	50	50	70
PCM 22,5	25	30	43
PCM 27,5	20	20	36

**• Dimensions:**

Capacitance	Vdc	250	400	630
	Vac	200	220	250
0.022		D		
0.033		D		
0.047		D		
0.068		E		E
0.1		E	E	G
0.15		E	E	G
0.22		F	E	H
0.33		F	H	I
0.47		G	H	
0.68		H	H	
1		I	I	
1.5		J	J	
2.2		K	K	

Box	Width	High	Large	PCM
D	5.5	11.0	18.0	15.0
E	7.5	13.5	18.0	15.0
F	8.7	14.5	18.0	15.0
G	6.5	15.0	25.5	22.5
H	8.5	18.0	25.5	22.5
I	11.0	19.5	32.0	27.5
J	13.0	22.0	32.0	27.5
K	15.0	26.0	30.0	27.5

- Notes: -All dimensions are in mm.  
- Other versions available upon request.