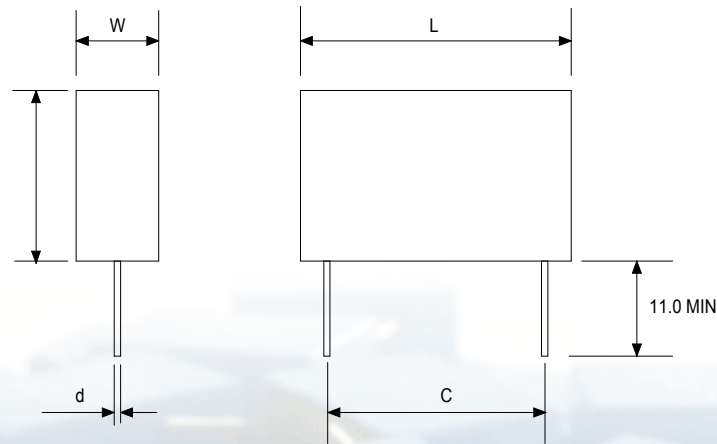


MKC 61 METALLISED POLYCARBONATE FILM CAPACITORS RADIAL MOULDED CASE FORMAT



SEE TABLE OVERLEAF FOR CAPACITANCE VALUES AND DIMENSIONS IN MM.

GENERAL DETAILS

A RANGE OF RADIAL POLYCARBONATE CAPACITORS DESIGNED FOR DEFENCE AND PROFESSIONAL USE WHERE VOLUMETRIC EFFICIENCY AND EXCELLENT STABILITY ARE REQUIRED.

TECHNICAL DETAILS

DIELECTRIC
ELECTRODES
ENCAPSULATION

POLYCARBONATE.
VACUUM DEPOSITED ALUMINIUM.
FLAME RETARDANT GLASS FILLED
NYLON CASE WITH EPOXY RESIN FILL.
RADIAL TINNED COPPER, 0.8 mm
DIAMETER.

LEADS

55 / 100 / 56.
63 VDC, 100 VDC, 250 VDC, 400 VDC,
630 VDC.

ENVIRONMENTAL CLASSIFICATION
DC WORKING VOLTAGES

CAPACITANCE RANGE

10 nF - 15 μ F.

TAN DELTA

< 0.003 @ 1kHz, 20°C.

INSULATION RESISTANCE

>50,000 M Ω @ 20°C FOR C < 1 μ F.

>50,000 M Ω . μ F @ 20°C FOR C \geq 1 μ F.

TOLERANCES

\pm 20%, \pm 10%, \pm 5%, \pm 2%, \pm 1%, \pm 0.5%.

CAPACITOR SIZE REFERENCES

VALUE	VOLTAGE RATING				
	63	100	250	400	630
10n	A	A	A	A	A
11n	A	A	A	A	B
12n	A	A	A	A	B
13n	A	A	A	A	B
15n	A	A	A	A	B
16n	A	A	A	A	B
18n	A	A	A	A	B
20n	A	A	A	A	B
22n	A	A	A	A	B
24n	A	A	A	B	C
27n	A	A	A	B	C
30n	A	A	A	B	C
33n	A	A	A	B	C
36n	A	A	A	B	C
39n	A	A	A	B	C
43n	A	A	A	B	C
47n	A	A	A	B	C
51n	A	A	B	C	D
56n	A	A	B	C	D
62n	A	A	B	C	D
68n	A	A	B	C	D
75n	A	A	B	C	E
82n	A	A	B	C	E
91n	A	A	B	C	E
100n	A	A	B	C	E
110n	A	B	C	D	E
120n	A	B	C	D	E

VALUE	VOLTAGE RATING				
	63	100	250	400	630
130n	A	B	C	D	E
150n	A	B	C	D	E
160n	A	B	C	E	E
180n	A	B	C	E	E
200n	A	B	C	E	E
220n	A	B	C	E	E
240n	B	C	D	E	F
270n	B	C	D	E	F
300n	B	C	D	E	F
330n	B	C	D	E	F
360n	B	C	E	E	F
390n	B	C	E	E	F
430n	B	C	E	E	F
470n	B	C	E	E	F
510n	C	D	E	F	G
560n	C	D	E	F	G
620n	C	D	E	F	G
680n	C	D	E	F	G
750n	C	D	E	F	
820n	C	D	E	F	
910n	C	D	E	F	
1µ	C	D	E	F	
1µ1	D	E	F	G	
1µ2	D	E	F	G	
1µ3	D	E	F	G	
1µ5	D	E	F	G	
1µ6	D	E	F		

VALUE	VOLTAGE RATING			
	63	100	250	400
1µ8	D	E	F	
2µ	D	E	F	
2µ2	D	E	F	
2µ4	E	E	G	
2µ7	E	E	G	
3µ	E	E	G	
3µ3	E	E	G	
3µ6	E	F		
3µ9	E	F		
4µ3	E	F		
4µ7	E	F		
5µ1	F	G		
5µ6	F	G		
6µ2	F	G		
6µ8	F	G		
7µ5	F			
8µ2	F			
9µ1	F			
10µ	F			
11µ	G			
12µ	G			
13µ	G			
15µ	G			
16µ				
18µ				
20µ				
22µ				

CAPACITOR DIMENSIONS mm

SIZE REFERENCE	A	B	C	D	E	F	G
L (MAX)	14.0	14.0	18.5	18.5	27.0	33.0	33.0
W (MAX)	5.5	7.5	7.5	9.0	10.5	14.0	18.0
H (MAX)	11.5	12.5	13.5	15.0	19.5	24.0	27.0
C (NOM)	10.2	10.2	15.0	15.0	22.9	27.9	27.9
d (NOM)	0.8	0.8	0.8	0.8	0.8	0.8	0.8

VALUES AND VOLTAGE RATINGS OTHER THAN THOSE SHOWN ARE AVAILABLE. CONTACT SALES OFFICE FOR DETAILS.