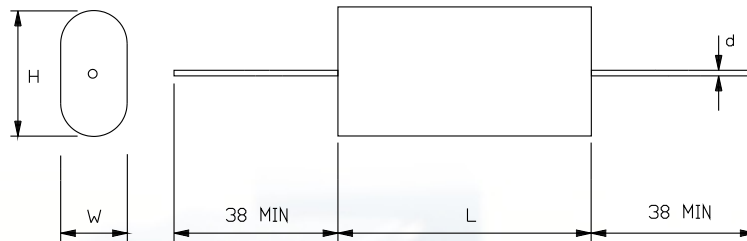


MKC 23 METALLISED POLYCARBONATE FILM CAPACITORS FLAT AXIAL WRAP AND END FILL FORMAT



SEE TABLE OVERLEAF FOR CAPACITANCE VALUES AND MAX DIMENSIONS IN MM.

GENERAL DETAILS

A RANGE OF CAPACITORS IN FLATTENED WRAP AND END FILL CONSTRUCTION, GIVING ALL THE ADVANTAGES OF POLYCARBONATE COMBINED WITH LOW COST AND OPTIMUM VOLUMETRIC EFFICIENCY.

TECHNICAL DETAILS

DIELECTRIC ELECTRODES ENCAPSULATION

POLYCARBONATE.
VACUUM DEPOSITED ALUMINIUM.
POLYESTER TAPE WRAP WITH EPOXY
RESIN END SEAL.

LEADS

AXIAL TINNED COPPER, SEE TABLE
OVERLEAF FOR DIAMETERS.

ENVIRONMENTAL CLASSIFICATION

55 / 100 / 56.

DC WORKING VOLTAGES

63 VDC, 160 VDC, 250 VDC, 400 VDC.

CAPACITANCE RANGE

10 nF - 22 μ F.

TAN DELTA

< 0.003 @ 1kHz, 20°C FOR $C \leq 10 \mu$ F.
< 0.003 @ 50Hz, 20°C FOR $C > 10 \mu$ F.

INSULATION RESISTANCE

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

TOLERANCES

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

CAPACITOR SIZE REFERENCES

VALUE	VOLTAGE RATING			
	63	160	250	400
10n	A	A	A	A
11n	A	A	A	A
12n	A	A	A	A
13n	A	A	A	A
15n	A	A	A	A
16n	A	A	A	A
18n	A	A	A	A
20n	A	A	A	A
22n	A	A	A	A
24n	A	A	A	A
27n	A	A	A	A
30n	A	A	A	A
33n	A	A	A	A
36n	A	A	A	A
39n	A	A	A	B
43n	A	A	A	B
47n	A	A	A	B
51n	A	A	A	B
56n	A	A	A	B
62n	A	A	A	B
68n	A	A	A	C
75n	A	A	B	C
82n	A	A	B	C
91n	A	A	B	D
100n	A	A	C	D
110n	A	A	C	D
120n	A	A	C	D

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

VALUE	VOLTAGE RATING			
	63	160	250	400
1µ8	E	H	K	
2µ	E	H	K	
2µ2	E	H	K	
2µ4	E	H		
2µ7	G	I		
3µ	G	J		
3µ3	G	J		
3µ6	G	J		
3µ9	G	J		
4µ3	H	J		
4µ7	H	J		
5µ1	H	K		
5µ6	I	K		
6µ2	I	K		
6µ8	I	K		
7µ5	I			
8µ2	J			
9µ1	J			
10µ	J			
11µ	J			
12µ	J			
13µ	K			
15µ	K			
16µ	K			
18µ	K			
20µ	K			
22µ	K			

CAPACITOR DIMENSIONS mm

SIZE REFERENCE	A	B	C	D	E	F	G	H	I	J	K
L (MAX)	15	15	22	22	22	22	27	27	33	33	33
W (MAX)	4	5	4	6.5	6	8	6	9	8	11	14
H (MAX)	7	11	9	12	11	12	11	14	12	16	18
d (NOM)	0.6	0.6	0.6	0.6	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.