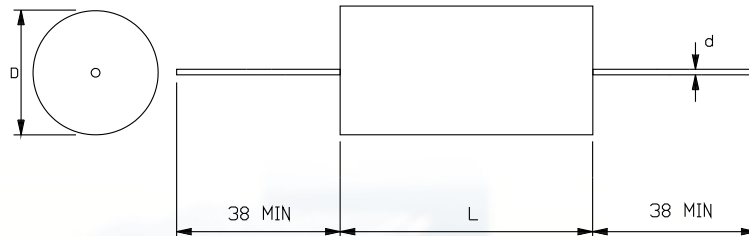


MKC 41 METALLISED POLYCARBONATE FILM CAPACITORS AXIAL METAL CASED FORMAT



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

GENERAL DETAILS

A RANGE OF POLYCARBONATE CAPACITORS DESIGNED FOR DEFENCE AND PROFESSIONAL USE. WOUND ON A RIGID CORE AND USED WHERE LONG TERM RELIABILITY AND STABILITY ARE REQUIRED.

TECHNICAL DETAILS

DIELECTRIC
ELECTRODES
ENCAPSULATION

POLYCARBONATE.
VACUUM DEPOSITED ALUMINIUM.
TUBULAR METAL CASE WITH RESIN
END SEAL. FULLY INSULATED.
AXIAL TINNED COPPER, SEE TABLE
OVERLEAF FOR DIAMETERS.

LEADS

55 / 100 / 56.

ENVIRONMENTAL CLASSIFICATION
DC WORKING VOLTAGES

63 VDC, 160 VDC, 250 VDC, 400 VDC.
(DERATE BY 1.5% / °C OVER 100 °C)

AC WORKING VOLTAGES

50% OF RATED DC VOLTAGE UP TO
400Hz.

CAPACITANCE RANGE
TAN DELTA

10 nF - 22 µF.

< 0.003 @ 1kHz, 20°C FOR C ≤ 10 µF.

< 0.003 @ 50Hz, 20°C FOR C > 10 µF.

INSULATION RESISTANCE

>50,000 MΩ @ 20°C FOR C < 1 µF.

>50,000 MΩ.µF @ 20°C FOR C ≥ 1 µF.

TOLERANCES

± 20%, ± 10%, ± 5%, ± 2%, ± 1%.

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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	A
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	A	C
82n	A	A	B	C
91n	A	A	B	C
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	C	D
200n	A	B	C	E
220n	A	B	D	E
240n	A	B	D	E
270n	A	B	D	E
300n	A	B	D	E
330n	A	C	D	E
360n	A	C	E	H
390n	A	C	E	H
430n	A	C	E	H
470n	A	C	E	H
510n	A	D	E	H
560n	B	D	E	H
620n	B	D	E	H
680n	B	D	G	H
750n	B	D	G	H
820n	C	D	H	I
910n	C	D	H	I
1µ	C	D	H	I
1µ1	C	D	H	I
1µ2	C	E	I	I
1µ3	C	E	I	I
1µ5	C	E	I	I
1µ6	C	E	I	I

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

CAPACITOR DIMENSIONS mm

SIZE REFERENCE	A	B	C	D	E	F	G	H	I	J
D (MAX)	9	10.5	10.5	13.7	13.7	17	13.7	17	20	23.3
L (MAX)	17	17	23	23	30	30	36	36	36	36
d (NOM)	0.6	0.6	0.8	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.

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