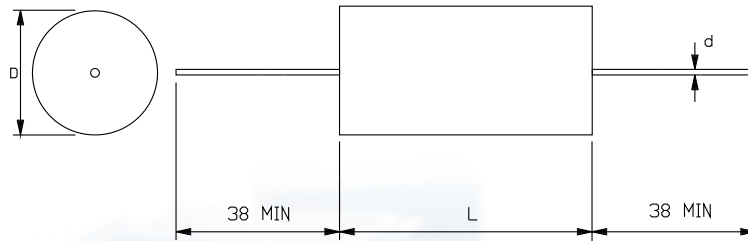


MKT 30 METALLISED POLYESTER FILM CAPACITORS

AXIAL WRAP AND END FILL FORMAT



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

GENERAL DETAILS

THE COMBINATION OF THIS DIELECTRIC AND CONSTRUCTION GIVES SUPERIOR VOLUMETRIC EFFICIENCY AND COST EFFECTIVENESS. MKT30 CAPACITORS ARE RECOMMENDED WHERE EXCELLENT ELECTRICAL CHARACTERISTICS ARE REQUIRED IN A SMALL SIZE.

TECHNICAL DETAILS

DIELECTRIC
ELECTRODES
ENCAPSULATION

POLYETHYLENE TEREPHTHALATE.
 VACUUM DEPOSITED ALUMINIUM.
 POLYESTER TAPE WRAP & RESIN END SEAL.

LEADS

AXIAL TINNED COPPER, SEE TABLE OVERLEAF FOR DIAMETERS.

ENVIRONMENTAL CLASSIFICATION

55 / 100 / 56.

WORKING VOLTAGES

100 VDC, 250 VDC, 400 VDC, 630 VDC.

CAPACITANCE RANGE

10 nF - 22 μ F.

TAN DELTA

< 0.008 @ 1kHz, 20°C.

INSULATION RESISTANCE

>10,000 M Ω @ 20°C, C < 1 μ F.

>10,000 M Ω . μ F @ 20°C, C \geq 1 μ F.

TOLERANCES

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

MFD CAPACITORS (1991) LTD, PENLEY, WREXHAM, LL13 OLY, U.K.

TEL: 01978 710551 FAX: 01978 710501 E Mail: sales@mfdcapacitors.co.uk

Website: www.mfdcapacitors.co.uk

CAPACITOR SIZE REFERENCES

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

VALUE	VOLTAGE RATING			
	100	250	400	630
130n	A	B	E	J
150n	A	B	E	J
160n	A	D	H	J
180n	A	D	H	J
200n	A	D	H	J
220n	A	D	H	K
240n	D	F	H	K
270n	D	F	H	K
300n	D	F	J	K
330n	D	F	J	K
360n	D	F	J	M
390n	D	F	J	M
430n	D	F	J	M
470n	D	F	J	M
510n	D	H	L	P
560n	D	H	L	P
620n	D	H	L	P
680n	E	H	M	P
750n	E	I	M	P
820n	E	I	M	P
910n	E	I	M	P
1µ	E	I	M	P
1µ1	H	L	P	R
1µ2	H	L	P	R
1µ3	H	L	P	R
1µ5	H	L	P	R
1µ6	H	M	P	S

VALUE	VOLTAGE RATING			
	100	250	400	630
1µ8	H	M	P	S
2µ	H	M	P	S
2µ2	H	M	P	S
2µ4	J	M	R	S
2µ7	J	N	R	T
3µ	J	N	R	T
3µ3	J	N	R	T
3µ6	L	O	R	T
3µ9	L	O	R	T
4µ3	L	O	S	
4µ7	M	O	S	
5µ1	M	Q	S	
5µ6	M	Q	T	
6µ2	M	R	T	
6µ8	M	R	T	
7µ5	N	R		
8µ2	N	R		
9µ1	N	R		
10µ	N	S		
11µ	Q	S		
12µ	Q	S		
13µ	Q	S		
15µ	Q	S		
16µ	R			
18µ	R			
20µ	R			
22µ	R			

CAPACITOR DIMENSIONS mm

SIZE REF	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
D (MAX)	6	7.5	8	7	8.5	9	11	9	10	11	13.5	11	14	16	18	20	17	21	26.5	31
L (MAX)	14	14	14	20	20	20	20	27	27	27	27	32	32	32	32	32	50	50	50	50
d (NOM)	0.6	0.6	0.6	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	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.