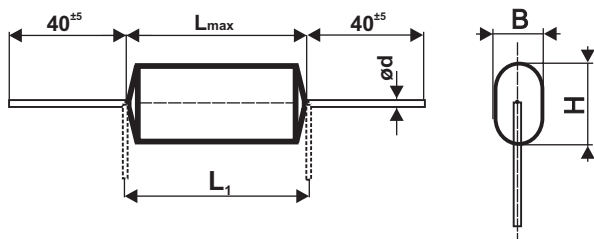


MKT - Metallized Polyester Film Capacitors

MKT 215 - 219 AXIAL FLAT



L max (mm)	11	14	19	26	31	36	41	56
d (mm)	0,6	0,6	0,6	0,8	0,8	0,8	0,8	0,8
L ₁ (mm)	15	17,5	22,5	30	35	40	45	60

Maximum pulse rise time dU/dt [V/μsec]

L max (mm)	11	14	19	26	31	56
U _R	dU/dt[V/μs]max.					
100 V	5,5	5	4	2	1,5	1
250 V	11	10	7,5	4	2,5	1,5
400 V	16	13,5	10	6,5	4	2
630 V	25	20	15	10	6	3
1000 V		50	30	15	10	4

Maxim.dissipation factor tgδ at +25°C

kHz	C ≤ 0,1μF	0,1μF < C ≤ 1μF	> 1μF
1	0,008	0,008	0,010
10	0,015	0,015	



Construction of capacitors:

Metallized polyester film capacitors noninductive construction, cylindrical shape, self-healing ability.
 Leads: tinned cooper wire Surface coating by polyester film tape wrapped, epoxy resin sealed. Flame retardand execution available upon request (UL94 V-0)

Referents standards:

General specifications: EN 130000, IEC 60384-1
 Sectional specifications: IEC 60384-2

Rated capacitance C_R - see table Other values on request.

Nom. capacitance values are based on the E6 serie in accordance to IEC 63 publ. or arbitrary values in capacitance range on request. The rated capacitance is the capacitance at 1 kHz and 20°C.

Tolerance of capacitance: ± 20%(M), ± 10%(K), ± 5%(J)
 or arbitrary tolerances on request

Insulation resistance Ris: C ≤ 0,33 μF Ris min. 30 000 MΩ
 C > 0,33 μF tis min 10 000 sec.

Time constant tis: tis = Ris × C [sec; MΩ; μF]

Rated voltage U_R [DC/AC 50-60 Hz] - see table.

Climatic category: 55/100/56 (IEC 60068-1)

Working Temperature range: - 55°C ÷ +100°C

Test voltage: U_T = 1,6 U_R for 2 sec. at ambient temperature +25°C ±5°C

Type	MKT 215	MKT 216	MKT 217	MKT 218	MKT 219
Nominal voltage U_R=DC/AC	100 63	250 160	400 200	630 220 *	1000 250 *
Nominal capacitance C_R	Maximal Dimensions B x H x L_{max} (mm)				
4700 pF				4x8x14	4,5x8,5x19
6800				4x8x14	4,5x8,5x19
0,010 μF			4x8x14	5x9x14	5,5x9,5x19
0,015			4x8x14	6,5x10,5x14	7x11x19
0,022			5x9x14	7,5x11,5x14	8,5x12,5x19
0,033		5 x 8 x 11	6,5x10,5x14	6x10x19	4 x 9 x 19
0,047		5 x 8 x 11	4,5x8,5x19	7x11x19	5 x 10 x 19
0,068		4,5 x 7 x 14	6x10x19	8,5x12,5x19	6,2 x 11 x 19
0,10 μF	3 x 6 x 14	4,5 x 7,5 x 14	7x11x19	7,5x11,5x26	7,5 x 12 x 19
0,15	3,3 x 6,5 x 14	5 x 9,5 x 14	8,5x12,5x19		8,6 x 13 x 19
0,22	3,5 x 8 x 14	6,6 x 11,5 x 14	7,5x11,5x26		7 x 11 x 26
0,33	4 x 9 x 14	4,5 x 9 x 19			8 x 15,5 x 26
0,47	3 x 7,5 x 19	5,5 x 10 x 19			8 x 15,5 x 31
0,68	3,5 x 8 x 19	6,5 x 11,5 x 19			10 x 17,5 x 31
1,0 μF	4,5 x 9 x 19	6,5 x 16 x 19			12,5 x 20,5 x 31
1,5	5,5 x 10 x 19	6,5 x 15,5 x 26			12,5 x 21,5 x 41
2,2	6 x 15 x 19	8 x 17,5 x 26			16 x 25 x 41
3,3	7,5 x 17 x 19	10,5 x 20 x 26			20,5 x 30,5 x 41
4,7	6,5 x 16 x 26	11 x 20,5 x 31			
6,8	8,5 x 18 x 26	14 x 23,5 x 31			
10 μF	11 x 20 x 26	16 x 25,5 x 36			
15	12 x 21,5 x 31				
22	13,5 x 23 x 36				
33	13 x 22 x 56				
47	16 x 26 x 56				
68	20 x 30 x 56				

* this capacitors are not suitable for across the line applications
 The manufacturer is not responsible for any damages, caused by the improper instalation and application.