



SElectronic Kondensatoren

HMF

MKT-CAPACITORS

Plastic film – metallised – self-healing – DIN 44112

TECHNICAL SPECIFICATION

Dielectric:	polyester
Coatings:	aluminium metallised
Casing:	Polyester film, synthetic resin sealing
Application class:	GMF according to DIN 40040
Temperature range:	-40° C up to +100° C
Insulating values:	≥0,33 µF approx. 10.000 sec. (MΩ*µF) < 0,33 µF approx. 10 ⁵ MΩ measured with 100 V at +20° C after 1 Min.
Loss factor tanδ:	5 to 8 · 10 ⁻³ measured at +20° C and 1 kHz
Tolerance:	± 5 %, ± 10 %, ± 20 %
Temperature coefficient:	+340 to +450 · 10 ⁻⁶ /° C
Time inconstancy:	-20° C to +85° C < 3 %
Testing voltage:	1,5 x UN 2 sec.
Impulse loading:	UN 160 V - ≤ 6 V/µS UN 250 V - ≤ 10 V/µS; UN 400 V - ≤ 15 V/µS UN 630 V - ≤ 20 V/µS; UN 1000 V - ≤ 25 V/µS
Voltage derating:	From +85° C UM 1,25 % per 1° C
Connections:	tin-plated copper wire / stranded wire / insulated wire

UN	160 V DC 70 V AC	250 V DC 160 V AC	400 V DC 200 V AC	630 V DC 220 V AC	1000 V DC 250 V AC
Cap. µF	Dimensions: BxHxL (mm)				
0,1				5 x 10 x 19	6 x 11 x 19
0,15			5 x 10 x 19	6 x 11 x 19	7 x 12 x 19
0,22		5 x 10 x 19	6 x 11 x 19	7 x 12 x 19	8 x 13 x 19
0,33		6 x 11 x 19	8 x 13 x 19	9 x 14 x 19	8 x 15 x 27
0,47	5 x 9 x 19	7 x 12 x 19	7 x 14 x 27	9 x 16 x 27	10 x 17 x 27
0,68	6 x 10 x 19	9 x 14 x 19	9 x 16 x 27	10 x 18 x 27	13 x 20 x 27
1,0	7 x 13 x 19	8 x 15 x 27	8 x 16 x 32	12 x 19 x 32	13 x 21 x 32
1,5	8 x 13 x 19	9 x 17 x 27	11 x 19 x 32	15 x 23 x 32	17 x 25 x 32
2,2	6 x 14 x 27	10 x 18 x 32	13 x 21 x 32	17 x 25 x 32	19 x 27 x 32
3,3	8 x 16 x 27	12 x 20 x 32	18 x 26 x 32	16 x 23 x 50	18 x 25 x 50
4,7	8 x 16 x 32	15 x 23 x 32	20 x 27 x 50	22 x 29 x 50	24 x 31 x 50
6,8	10 x 18 x 32	19 x 27 x 32	24 x 31 x 50	26 x 33 x 50	28 x 35 x 50
10	12 x 21 x 32	20 x 27 x 50	28 x 35 x 50		
15	16 x 26 x 32	26 x 33 x 50			
22	17 x 24 x 50				
33	21 x 29 x 50				
47	26 x 33 x 50				
60	29 x 37 x 50				

GREATER CAPACITANCE VAUES AND EACH INTERMEDIATE VALUE AVAILABLE!