



SELECTRONIC Kondensatoren

HMF/B

MKT-CAPACITORS

Plastic film – metallised – self-healing – increased requirements

TECHNICAL SPECIFICATION

Dielectric:	polyester
Coatings:	aluminium metallised
Casing:	plastic cup, 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. 105 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:	U _N 160 V - ≤ 6 V/µS U _N 250 V - ≤ 10 V/µS; U _N 400 V - ≤ 15 V/µS U _N 630 V - ≤ 20 V/µS; U _N 1000 V - ≤ 25 V/µS
Voltage derating:	From +85° C UM 1,25 % per 1° C
Connections:	tin-plated copper wire (also with single-ended connection cable, stranded wire and insulated wire available)

U _N	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				8 x 16 x 27	8 x 16 x 27
0,15				8 x 16 x 27	8 x 16 x 27
0,22			8 x 16 x 27	8 x 16 x 27	10 x 18 x 27
0,33			8 x 16 x 27	10 x 18 x 27	11 x 20 x 32
0,47		8 x 16 x 27	10 x 18 x 27	10 x 18 x 27	13 x 22 x 35
0,56		8 x 16 x 27	10 x 18 x 27	11 x 20 x 32	13 x 22 x 35
0,68		8 x 16 x 27	10 x 18 x 27	11 x 20 x 32	13 x 20 x 53
1,0		10 x 18 x 27	11 x 20 x 32	13 x 20 x 53	18 x 25 x 53
1,5	8 x 16 x 27	11 x 20 x 32	13 x 20 x 53	18 x 25 x 53	18 x 25 x 53
2,2	8 x 16 x 27	13 x 22 x 35	18 x 25 x 53	18 x 25 x 53	18 x 30 x 53
3,3	10 x 18 x 27	13 x 20 x 53	18 x 25 x 53	24 x 30 x 53	24 x 30 x 53
4,7	11 x 20 x 32	18 x 25 x 53	24 x 30 x 53		
6,8	13 x 22 x 35	18 x 30 x 53			
8,2	13 x 22 x 35	24 x 30 x 53			
10	13 x 20 x 53	24 x 30 x 53			
15	18 x 25 x 53				
22	18 x 30 x 53				
36	24 x 30 x 53				

GREATER CAPACITANCE VAUES AND EACH INTERMEDIATE VALUE AVAILABLE!