



# SElectronic Kondensatoren

## HME

**MKT-CAPACITORS**  
Plastic film – metallised – self-healing – DIN 44112

### 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. 10 <sup>5</sup> MΩ measured with 100 V at +20° C after 1 Min.
Loss factor tanδ:	5 to 8 · 10 <sup>-3</sup> measured at +20° C and 1 kHz
Tolerance:	± 5 %, ± 10 %, ± 20 %
Temperature coefficient:	+340 to +450 · 10 <sup>-6</sup> /° C
Time inconstancy:	-20° C to +85° C < 3 %
Testing voltage:	1,5 x UN 2 sec.
Impulse loading:	U <sub>N</sub> 160 V - ≤ 6 V/µS U <sub>N</sub> 250 V - ≤ 10 V/µS; U <sub>N</sub> 400 V - ≤ 15 V/µS U <sub>N</sub> 630 V - ≤ 20 V/µS; U <sub>N</sub> 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

U <sub>N</sub>	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 25,5	8 x 16 x 25,5
0,15				8 x 16 x 25,5	8 x 16 x 25,5
0,22			8 x 16 x 25,5	8 x 16 x 25,5	10 x 18 x 25,5
0,33			8 x 16 x 25,5	10 x 18 x 25,5	10 x 18,3 x 31
0,47		8 x 16 x 25,5	10 x 18 x 25,5	10 x 18 x 25,5	11,5 x 19,8 x 31
0,68		8 x 16 x 25,5	10 x 18,3 x 31	11,5 x 19,8 x 31	13,5 x 23 x 31
1,0		10 x 18 x 25,5	11,5 x 19,8 x 31	13,5 x 23 x 31	16,5 x 28 x 42
1,5	8 x 16 x 25,5	11,5 x 19,8 x 31	13,5 x 23 x 31	16,5 x 28 x 42	16,5 x 28 x 42
2,2	8 x 16 x 25,5	13,5 x 23 x 31	14 x 25 x 38,5	26,5 x 36,5 x 39,5	26,5 x 36,5 x 39,5
3,3	10 x 18 x 25,5	14 x 25 x 38,5	16,5 x 28 x 42	26,5 x 36,5 x 39,5	35,5 x 45 x 47
4,7	11,5 x 19,8 x 31	16,5 x 28 x 42	26,5 x 36,5 x 39,5	35,5 x 45 x 47	35,5 x 45 x 47
6,8	13,5 x 23 x 31	26,5 x 36,5 x 39,5	26,5 x 36,5 x 39,5	35,5 x 45 x 47	
10	14 x 25 x 38,5	26,5 x 36,5 x 39,5	35,5 x 45 x 47		
22	26,5 x 36,5 x 39,5				
33	26,5 x 36,5 x 39,5				
47	35,5 x 45 x 47				

**GREATER CAPACITANCE VAUES AND EACH INTERMEDIATE VALUE AVAILABLE!**