



SELECTRONIC Kondensatoren

MKT/AZ

MKT-CAPACITORS

Plastic film – metallised – self-healing – increased requirements

TECHNICAL SPECIFICATION

Dielectric:	polyester
Coatings:	aluminium metallised
Casing:	aluminium can, 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:	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:	stranded wire, connection cable, solder tails and contact studs

U _N	160 V DC 70 V AC	250 V DC 160 V AC
Cap. µF	Dimensions: DxL (mm)	
2,2		20 x 35
3,3		20 x 35
6,8	20 x 35	25 x 50
10	25 x 35	30 x 50
15	25 x 50	30 x 50
22	25 x 50	35 x 50
33	30 x 50	30 x 80
47	35 x 50	35 x 80
65	30 x 80	40 x 90
70	30 x 80	
75	35 x 80	
80	35 x 80	
85	35 x 80	
90	35 x 80	
95	40 x 90	
100	40 x 90	
110	40 x 90	
120	40 x 90	

GREATER CAPACITANCE VAUES AND EACH INTERMEDIATE VALUE AVAILABLE!