

MKT CMR-5

MKT METALLIZED POLYESTER CAPACITORS

General data :

• Applications:

Multipurpose applications, blocking, coupling, by-passing, interference suppression.

• Dielectric:

Polyester film(Polyethylene Terephthalate), self-regenerating.

• Plates:

Aluminium layer deposited by e under vacuum.

• Winding :

Non-inductive type.

• Leads:

Tinned wire.

$\phi=0,8$ pcm>10; $\phi=0,6$ pcm=10

pcm 5: B>3,5 $\phi=0,8$; B<3,5 $\phi=0,6$

• Protection:

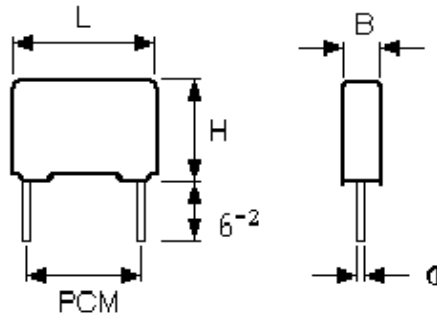
Plastic case, epoxy resin filled.

• Technical terms and test:

IEC 384-1/2 IEC68

• Climatic category:

(IEC 68-1) 55/100/56



Electrical characteristics:

• Nominal voltage (Vn dc):

50- 63-100-250-400-630-1000

• Dissipation Factor (Df at 25°C):

1 Khz = $< 100 \times 10^{-4}$

10 Khz = $< 150 \times 10^{-4}$

• Insulation Resistance (Ri):

Temperature: 25°C

Voltage charge:

Charge time: 1 minute

50 Vdc for $V_n < 100$ Vdc
100 Vdc for $V_n \geq 100$ Vdc
500 Vdc for $V_n \geq 500$ Vdc

≤ 100 Vdc
 $C \leq 0,1 \mu F = 25.000$ Mohm
 $C > 0,1 \mu F = 2.500$ sec.

$V_n > 100$ Vdc
 $C \leq 0,33 \mu F = 30.000$ Mohm
 $C > 0,33 \mu F = 10.000$ sec.

• Test Voltage:

(2 seg. at 25°C) $1,6 \times V_n$

• Life test:

Temperature: 85°C

Voltage: $1,25 \times V_n$

Duration: 1.000 hours

Variations:
Capacitance: $< 2\%$
Df change: $< 30 \times 10^{-4}$
Insulation: $>$ limit value

•Notes: -All dimensions are in mm.

- Other versions available upon request.

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Voltage Voltaje	Capacitance Capacidad	Dimensions max Dimension máx				dV/dt V/ s	Code Codigo
		B	H	L	pcm		
50 Vdc 30 Vac	0.68	4.5	9.5	7.5	5	25	aCMRS0NC*B6/68
	1	5.0	10.0	7.5	5	25	aCMRS0NC*B7/1
	1.5	6.0	11.0	7.5	5	25	aCMRS0NC*B7/15
	2.2	7.5	13.0	7.5	5	25	aCMRS0NC*B7/22
63Vdc 40 Vac	0.1	2.5	6.5	7.5	5	25	aCMRS0PC*B6/1
	0.15	2.5	6.5	7.5	5	25	aCMRS0PC*B6/15
	0.22	2.5	6.5	7.5	5	25	aCMRS0PC*B6/22
	0.33	3.5	7.5	7.5	5	25	aCMRS0PC*B6/33
	0.47	3.5	7.5	7.5	5	25	aCMRS0PC*B6/47
	0.68	5.0	10.0	7.5	5	25	aCMRS0PC*B6/68
	1	6.0	11.0	7.5	5	25	aCMRS0PC*B7/1
	1.5	6.0	11.0	7.5	5	25	aCMRS0PC*B7/15
100 Vdc 63 Vac	0.001	2.5	6.5	7.5	5	30	aCMRS0QC*B4/1
	0.0015	2.5	6.5	7.5	5	30	aCMRS0QC*B4/15
	0.0022	2.5	6.5	7.5	5	30	aCMRS0QC*B4/22
	0.0033	2.5	6.5	7.5	5	30	aCMRS0QC*B4/33
	0.0047	2.5	6.5	7.5	5	25	aCMRS0QC*B4/47
	0.0068	2.5	6.5	7.5	5	25	aCMRS0QC*B4/68
	0.01	2.5	6.5	7.5	5	25	aCMRS0QC*B5/1
	0.015	2.5	6.5	7.5	5	25	aCMRS0QC*B5/15
	0.022	2.5	6.5	7.5	5	25	aCMRS0QC*B5/22
	0.033	2.5	6.5	7.5	5	25	aCMRS0QC*B5/33
	0.047	2.5	6.5	7.5	5	25	aCMRS0QC*B5/47
	0.068	2.5	6.5	7.5	5	25	aCMRS0QC*B5/68
	0.1	3.5	7.5	7.5	5	25	aCMRS0QC*B6/1
	0.15	4.5	9.5	7.5	5	25	aCMRS0QC*B6/15
	0.22	5.0	10.0	7.5	5	25	aCMRS0QC*B6/22
	0.33	6.0	11.0	7.5	5	25	aCMRS0QC*B6/33
	0.47	6.0	11.0	7.5	5	25	aCMRS0QC*B6/47
	0.68	6.0	11.0	7.5	5	25	aCMRS0QC*B6/68
	1	6.0	11.0	7.5	5	25	aCMRS0QC*B7/1
	250 Vdc 160 Vac	0.0068	2.5	6.5	7.5	5	40
0.01		2.5	6.5	7.5	5	40	aCMRS0SC*B5/1
0.015		2.5	6.5	7.5	5	40	aCMRS0SC*B5/15
0.018		2.5	6.5	7.5	5	40	aCMRS0SCJB5/18
0.022		3.5	7.5	7.5	5	40	aCMRS0SC*B5/22
0.033		3.5	7.5	7.5	5	40	aCMRS0SC*B5/33
0.047		4.5	9.5	7.5	5	40	aCMRS0SC*B5/47
0.068		4.5	9.5	7.5	5	40	aCMRS0SC*B5/68
0.1		6.0	11.0	7.5	5	40	aCMRS0SC*B6/1
0.15		7.5	13	7.5	5	40	aCMRS0SC*B6/15
0.22		7.5	13	7.5	5	40	aCMRS0SC*B6/22
400 Vdc 200 Vac		0.001	2.5	6.5	7.5	5	80
	0.0015	2.5	6.5	7.5	5	80	aCMRS0TC*B4/15
	0.0022	2.5	6.5	7.5	5	80	aCMRS0TC*B4/22
	0.0033	2.5	6.5	7.5	5	80	aCMRS0TC*B4/33
	0.0047	2.5	6.5	7.5	5	80	aCMRS0TC*B4/47
	0.0068	3.5	7.5	7.5	5	80	aCMRS0TC*B4/68
	0.01	3.5	7.5	7.5	5	80	aCMRS0TC*B5/1
	0.015	4.5	9.5	7.5	5	80	aCMRS0TC*B5/15
	0.022	4.5	9.5	7.5	5	80	aCMRS0TC*B5/22
	0.033	5	10	7.5	5	80	aCMRS0TC*B5/33
	0.047	6.0	11.0	7.5	5	80	aCMRS0TC*B5/47
	0.068	7.5	13	7.5	5	80	aCMRS0TC*B5/68