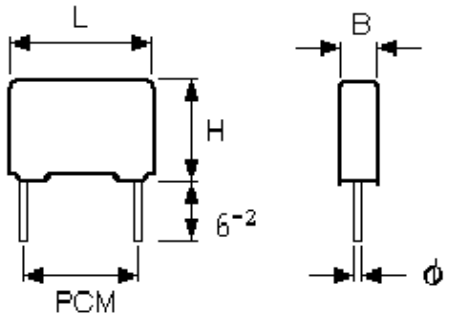
Fábrica de Componentes Electrónicos S.L.

MKT CMR-27,5 / 37,5

MKT METALLIZED POLYESTER CAPACITORS

General data :

· **Aplications:**
Multipurpose applications, blocking, coupling, by-passing, interference suppression.
· **Dielectric:**
Polyester film(Polyethylene Terephtalate), self-regenerating.
· **Plates:**
Aluminium layer deposited by e under vacuum.
· **Winding :**
Non-inductive type.
· **Leads:**
Tinned wire.
ϕ=0,8 pcm>10; ϕ=0,6 pcm=10
pcm 5: B>3,5 ϕ=0,8; B=<3,5 ϕ=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 25ºC):**
1 Khz = <100 x 10-4
10 Khz = <150 x 10-4
· **Insulation Resistance (Ri):** Temperature: 25ºC

Voltage charge: Charge time: 1 minute

50 Vdc for Vn < 100Vdc	<= 100Vdc	Vn > 100Vdc
100 Vdc for Vn >= 100Vdc	C<= 0,1µF= 25.000 Mohm	C<= 0,33µF= 30.000 Mohm
500 Vdc for Vn >= 500Vdc	C > 0,1µF= 2.500 sec.	C > 0,33µF= 10.000 sec.

· **Test Voltage:**
(2 seg. at 25ºC) 1,6 x Vn
· **Life test:**
Temperature: 85ºC
Voltage: 1,25 x Vn
Duration: 1.000 hours

Variations:
Capacitance: < 2%
Df change: < 30 x10-4
Insulation: > limit value

·Notes: -All dimensions are in mm.

- Other versions available upon request.

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Voltage Voltaje	Capacitance Capacidad	Dimensions max Dimesion máx				dV/dt V/µs	Code Codigo
		B	H	L	pcm		
100Vdc	4,7	11	19,5	32	27,5	1,5	aCMRS0QC*J7/47
63 Vac	6,8	11	19,5	32	27,5	1,5	aCMRS0QC*J7/68
	6,8	9	16	30	27,5	1,5	aCMRSBQC*J8/1
	10	15	26	30	27,5	1,5	aCMRS0QC*J8/1
	15	13	22	32	27,5	1,5	aCMRS0QC*J8/15
	22	15	26	30	27,5	1,5	aCMRS0QC*J8/22
250 Vdc	1,5	11	19,5	32	27,5	5	aCMRS0SC*J7/15
160 Vac	2,2	11	19,5	32	27,5	5	aCMRS0SC*J7/22
	3,3	13	22	32	27,5	5	aCMRS0SC*J7/33
	4,7	15	26	30	27,5	5	aCMRS0SC*J7/47
	4,7	11	19,5	32	27,5	5	aCMRSASC*J7/47
400 Vdc	0,68	11	19,5	32	27,5	8,5	aCMRS0TC*J6/68
200 Vac	1	11	19,5	32	27,5	8,5	aCMRS0TC*J7/1
	1	9	16	30	27,5	8,5	aCMRSATC*J7/1
	1,5	15	26	30	27,5	8,5	aCMRS0TC*J7/15
	2,2	15	26	30	27,5	8,5	aCMRS0TC*J7/22
630 Vdc	0,33	11	19,5	32	27,5	10	aCMRS0UC*J6/33
220 Vac	0,47	11	19,5	32	27,5	10	aCMRS0UC*J6/47
1000 Vdc	0,15	11	19,5	32	27,5	12	aCMRS0VC*J6/15
250 Vac	0,22	15	26	30	27,5	12	aCMRS0VC*J6/33
	0,33	15	26	30	27,5	12	aCMRS0VC*J6/47
100Vdc	10	12	22	41	37,5	1	aCMRS0QC*M8/1
63 Vac	15	17	27	41	37,5	1	aCMRS0QC*M8/15
	22	21	30	41	37,5	1	aCMRS0QC*M8/22
250 Vdc	3,3	12	22	41	37,5	3	aCMRS0SC*M7/33
160 Vac	4,7	12	22	41	37,5	3	aCMRS0SC*M7/47
	6,8	12	22	41	37,5	3	aCMRS0SC*M7/68
	10	17	27	41	37,5	3	aCMRS0SC*M8/1
	10	21	30	41	37,5	3	aCMRSBSC*M8/1
400 Vdc	1,5	12	22	41	37,5	4	aCMRS0TC*M7/15
200 Vac	2,2	12	22	41	37,5	4	aCMRS0TC*M7/22
630 Vdc	0,68	12	22	41	37,5	6	aCMRS0UC*M6/68
220 Vac	1	12	22	41	37,5	6	aCMRS0UC*M7/1
1000 Vdc	0,33	12	22	41	37,5	10	aCMRS0VC*M6/33
250 Vac	0,47	12	22	41	37,5	10	aCMRS0VC*M6/47