

INTRODUCTION

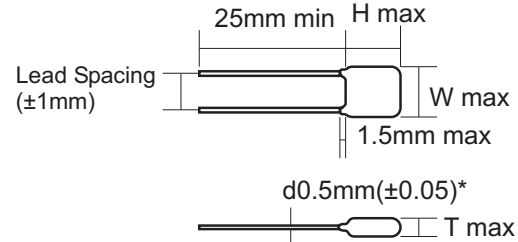
MMD Series is constructed with metalized polyester film, This type is miniature size, especially designed for automatic insertion. This is an excellent alternative for stacked film types.

SPECIFICATIONS

Type	Performance
Operating Temperature Range	-55°C ~ + 85°C
Capacitance Range	0.001μ F ~ 2.2 μ F
Capacitance Tolerance	± 5% (J), ± 10% (K), ± 20% (M)
Rate Voltage	50 VDC, 63 VDC, 100 VDC
Dissipation Factor	0.8% max at 1KHz, 20°C
Insulation Resistance	C ≤ 0.33 μ F, >9000M Ω C ≤ 0.33 μ F, >9000M Ω • μ F

FEATURES

- Space saving miniature size (replaces many stacked film types)
- Non-inductive construction
- Self-healing
- High moisture resistance
- Available on tape for auto insertion



PART NUMBER EXAMPLE MMD1 104 K 1J A

DIMENSIONS(mm)

*0.33 μF and higher at 100 volts has a 0.6 mm wire diameter

Voltage Series	Lead Spacing F Code	50 Vdc (1H)			63 Vdc (1J)			100 Vdc (2A)			250 Vdc					
		MMD1			MMD2			MMD1			MMD2					
		5.0 mm			7.5 mm			5.0 mm			7.5 mm					
		W	H	T	W	H	T	W	H	T	W	H	T	W	H	T
0.0010	102	7.3	7.5	4.5				7.3	7.5	4.5				7.3	7.5	4.5
0.0012	122	7.3	7.5	4.5				7.3	7.5	4.5				7.3	7.5	4.5
0.0015	152	7.3	7.5	4.5				7.3	7.5	4.5				7.3	7.5	4.5
0.0018	182	7.3	7.5	4.5				7.3	7.5	4.5				7.3	7.5	4.5
0.0022	222	7.3	7.5	4.5				7.3	7.5	4.5				7.3	7.5	4.5
0.0027	272	7.3	7.5	4.5				7.3	7.5	4.5				7.3	7.5	4.5
0.0033	332	7.3	7.5	4.5				7.3	7.5	4.5				7.3	7.5	4.5
0.0039	392	7.3	8.0	4.5				7.3	8.0	4.5				7.3	8.0	4.5
0.0047	472	7.3	8.0	4.5				7.3	8.0	4.5				7.3	8.0	4.5
0.0056	562	7.3	8.0	4.5				7.3	8.0	4.5				7.3	8.0	4.5
0.0068	682	7.3	8.0	4.5				7.3	8.0	4.5				7.3	8.0	4.5
0.0082	822	7.3	8.0	4.5				7.3	8.0	4.5				7.3	8.0	4.5
0.0100	103	7.3	7.0	4.0				7.3	7.0	4.0				7.3	12.5	3.5
0.0120	123	7.3	7.0	4.0				7.3	7.0	4.0				7.3	12.5	3.5
0.0150	153	7.3	7.5	4.0				7.3	7.5	4.0				7.3	12.5	3.5
0.0180	183	7.3	7.5	4.0				7.3	7.5	4.0				7.3	12.5	3.5
0.0220	223	7.3	7.0	4.0				7.3	7.0	4.0				7.3	12.5	3.5
0.0270	273	7.3	7.0	4.0				7.3	7.0	4.0				7.3	12.5	3.5
0.0330	333	7.3	7.5	4.5				7.3	7.5	4.5				7.3	12.5	3.5
0.0390	393	7.3	7.5	4.5				7.3	7.5	4.5				7.3	12.5	3.5
0.0470	473	7.3	7.5	4.5				7.3	7.5	4.5				7.3	12.5	3.5
0.0560	563	7.3	8.0	4.5				7.3	8.0	4.5				7.3	12.5	3.5
0.0680	683	7.3	8.0	4.5				7.3	8.0	4.5				7.3	12.5	3.5
0.0820	823	7.3	8.0	4.5				7.3	8.0	4.5				7.3	12.5	3.5
0.1000	104	7.3	9.5	4.5				7.3	9.5	4.5				7.3	12.5	3.5
0.1200	124	7.5	12.5	4.0	10.2	8.0	4.5	7.5	12.5	4.0	10.2	8.0	4.5	7.5	12.5	3.5
0.1500	154	7.5	13.0	4.0	10.2	9.0	4.5	7.5	13.0	4.0	10.2	9.0	4.5	7.5	12.5	3.5
0.1800	184	7.5	13.5	4.5	10.2	9.0	4.5	7.5	13.5	4.5	10.2	9.0	4.5	7.5	12.5	3.5
0.2200	224	7.5	13.5	4.5	10.2	9.5	5.0	7.5	13.5	4.5	10.2	9.5	5.0	7.5	13.0	4.0
0.2700	274	7.5	14.0	5.0	10.2	10.0	5.0	7.5	14.0	5.0	10.2	10.0	5.0	7.5	13.0	4.0
0.3300	334	7.5	14.5	5.5	10.2	8.0	5.0	7.5	14.5	5.5	10.2	8.0	5.0			
0.3900	394	7.5	14.5	5.5	10.2	8.5	5.0	7.5	14.5	5.5	10.2	8.5	5.0			
0.4700	474	7.5	15.5	6.0	10.2	9.0	5.5	7.5	15.5	6.0	10.2	9.0	5.5			
0.5600	564	7.5	14.0	5.5	10.2	9.0	6.0	7.5	14.0	5.5	10.2	9.0	6.0			
0.6800	684	7.5	14.5	5.5	10.2	9.5	6.5	7.5	14.5	5.5	10.2	9.5	6.5			
0.8200	824	7.5	15.0	6.0	10.2	10.0	7.0	7.5	15.0	6.0	10.2	10.0	7.0			
1.0000	105	7.5	15.5	6.5	10.2	11.0	7.5	7.5	15.5	6.5	10.2	11.0	7.5			
1.5000	155				10.2	12.0	8.0							10.2	11.0	10.5
2.2000	225				10.2	12.0	8.0									

•Contact RFE International, Inc. for specifications not found.