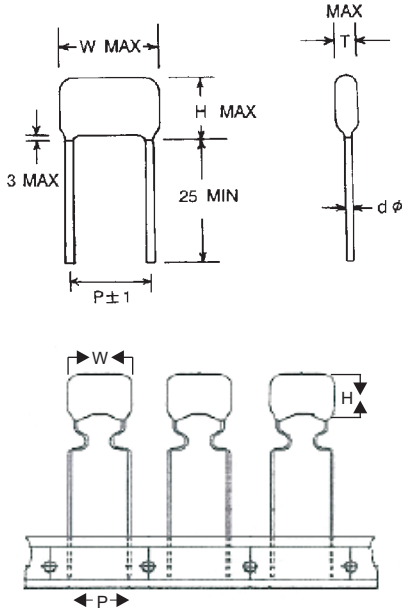


INTRODUCTION

MES Series are constructed with metalized polyester film dielectric, copperplated lead and epoxy resin powder coating. They are suitable for blocking, coupling, decoupling, filtering, bypass timing circuit and ideal for use in telecommunication equipment, data processing equipment, industrial instrument, automatic control systems and other general electronic equipment.



FEATURES

- High moisture resistance
- Good solderability
- Non-inductive construction and
- Self-healing property
- Miniature Size
- Replaces some MMD Sizes

SPECIFICATIONS

Type	Performance
Operating Temperature Range	-40 °C ~ 85 °C
Capacitance Range	0.01 μF ~ 2.2 μF
Capacitance Tolerance	± 5% (J), + 10% (K), ±20% (M)
Rated Voltage	50VDC, 63VDC, 100VDC, 250VDC
Dissipation Factor	1.0 MAX at 1kHz, 25 °C
Insulation Resistance	>30000MΩ (C ≤ 0.33 μF) >10000MΩ F (C ≥ 0.33 μF)

PART NUMBER EXAMPLE

MES 104 K 2A 050 B 250 S

DIMENSIONS (mm)

W.V. (μF)	Code	50VDC (1H)						63VDC (1J)						100VDC (2A)						250VDC (2E)					
		W	H	T	P	dφ	dv/dt V/μs	W	H	T	P	dφ	dv/dt V/μs	W	H	T	P	dφ	dv/dt V/μs	W	H	T	P	dφ	dv/dt V/μs
0.010	103	7.3	7.0	4.0	5.0	0.5	25	7.5	7.8	4.0	5.0	0.5	25	7.5	9.0	4.0	5.0	0.5	30	10.5	13.5	4.0	7.5	0.5	35
0.012	123	7.3	7.0	4.0	5.0	0.5	25	7.5	7.8	4.0	5.0	0.5	25	7.5	9.0	4.0	5.0	0.5	30	10.5	13.5	4.0	7.5	0.5	35
0.015	153	7.3	7.0	4.0	5.0	0.5	25	7.5	7.8	4.0	5.0	0.5	25	7.5	9.0	4.0	5.0	0.5	30	10.5	13.5	4.0	7.5	0.5	35
0.018	183	7.3	7.0	4.0	5.0	0.5	25	7.5	7.8	4.0	5.0	0.5	25	7.5	9.0	4.0	5.0	0.5	30	10.5	13.5	4.0	7.5	0.5	35
0.022	223	7.3	7.0	4.0	5.0	0.5	25	7.5	7.8	4.0	5.0	0.5	25	7.5	9.0	4.0	5.0	0.5	30	10.5	13.5	4.0	7.5	0.5	35
0.027	273	7.3	7.0	4.0	5.0	0.5	25	7.5	7.8	4.0	5.0	0.5	25	7.5	9.0	4.0	5.0	0.5	30	10.5	13.5	4.0	7.5	0.5	35
0.033	333	7.3	7.0	4.0	5.0	0.5	25	7.5	7.8	4.0	5.0	0.5	25	7.5	9.0	4.0	5.0	0.5	30	10.5	13.5	4.0	7.5	0.5	35
0.039	393	7.3	7.0	4.0	5.0	0.5	25	7.5	7.8	4.0	5.0	0.5	25	7.5	9.0	4.0	5.0	0.5	30	10.5	13.5	4.0	7.5	0.5	35
0.047	473	7.3	7.0	4.0	5.0	0.5	25	7.5	7.8	4.0	5.0	0.5	25	7.5	9.0	4.0	5.0	0.5	30	10.5	13.5	4.0	7.5	0.5	35
0.056	563	7.3	7.0	4.0	5.0	0.5	25	7.5	7.8	4.0	5.0	0.5	25	7.5	9.0	4.0	5.0	0.5	30						
0.068	683	7.3	7.0	4.0	5.0	0.5	25	7.5	7.8	4.0	5.0	0.5	25	7.5	9.0	5.0	5.0	0.5	30						
0.082	823	7.3	7.0	4.5	5.0	0.5	25	7.5	7.8	4.0	5.0	0.5	25	7.5	9.0	5.0	5.0	0.5	30						
0.10	104	7.3	7.0	5.0	5.0	0.5	25	7.5	8.0	4.0	5.0	0.5	25	7.5	9.0	5.5	5.0	0.5	30						
0.12	124	7.3	7.0	5.0	5.0	0.5	25	7.5	8.0	5.0	5.0	0.5	25	10.5	11.0	4.5	7.5	0.5	25						
0.15	154	7.3	7.5	5.5	5.0	0.5	25	7.5	8.0	5.0	5.0	0.5	25	10.5	11.0	4.5	7.5	0.5	25						
0.18	184	7.3	7.5	5.5	5.0	0.5	25	10.5	11.0	4.5	7.5	0.5	20	10.5	11.0	4.5	7.5	0.5	25						
0.22	224	7.3	7.5	6.0	5.0	0.5	25	10.5	11.0	4.5	7.5	0.5	20	10.5	11.0	5.0	7.5	0.5	25						
0.27	274	7.3	9.0	5.5	5.0	0.5	25	10.5	11.0	4.5	7.5	0.5	20	10.5	11.0	5.0	7.5	0.5	25						
0.33	334	7.3	9.0	6.0	5.0	0.5	25	10.5	11.0	5.0	7.5	0.5	20	10.5	12.0	6.0	7.5	0.5	25						
0.39	394	7.3	9.3	6.5	5.0	0.5	25	10.5	11.0	5.0	7.5	0.5	20	10.5	12.0	6.5	7.5	0.5	25						
0.47	474	7.3	9.3	7.0	5.0	0.5	25	10.5	11.0	5.5	7.5	0.5	20	10.5	12.5	8.0	7.5	0.5	25						
0.56	564	7.3	12.0	7.0	5.0	0.5	25	10.5	11.0	6.0	7.5	0.5	20												
0.68	684	7.3	12.0	7.5	5.0	0.5	25	10.5	12.0	6.5	7.5	0.5	20												
0.82	824	7.3	13.0	7.8	5.0	0.5	25	10.5	12.0	6.5	7.5	0.5	20												
1.0	105	7.3	13.0	9.0	5.0	0.5	25	10.5	12.0	8.0	7.5	0.5	20												
1.2	125	10.5	12.0	7.5	7.5	0.5	20																		
1.5	155	10.5	12.0	8.0	7.5	0.5	20																		
1.8	185	10.5	14.0	8.0	7.5	0.5	20																		
2.2	225	10.5	14.0	9.0	7.5	0.5	20																		