

INTRODUCTION

MT & MF Series are constructed with metalized polyester film dielectric, copperplated lead, in plastic case and epoxy resin sealed. They are suitable for Line-By-Pass, antenna coupling, and spark killer circuits and available for EMI filter and switching power supply application.

FEATURES

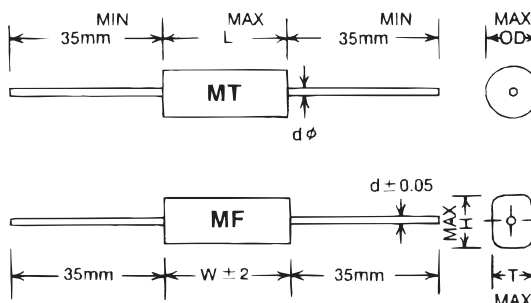
- Non-inductive construction
- Self-healing property
- Good solderability
- High capacitance stability and reliability

LEAD DIAMETER

Body Length L or W	Lead Diameter φd
< 15.0 mm	0.6 mm
> 15.0 mm	0.8 mm

SPECIFICATIONS

Type	Performance
Operating Temperature Range	-40°C ~ +85°C
Capacitance Range	0.01μF ~ 12 μF
Capacitance Tolerance	5%(J), 10%(K), 20%(M)
Rated Voltage	100VDC ~ 630VDC
Dissipation Factor	1.0% max at 1KHz, 25°C
Insulation Resistance	C<0.33 μF, > 30000MΩ C≥0.33 μF, > 10000MΩ • μF



DIMENSIONS (mm)

F	Code	W.V.	MT (Tubular)								MF (Flat)											
			100VDC (2A)		250VDC (2E)		400VDC (2G)		630VDC (2J)		100VDC (2A)			250VDC (2E)			400VDC (2G)			630VDC (2J)		
			OD	L	OD	L	OD	L	OD	L	W	H	T	W	H	T	W	H	T	W	H	T
0.010	103		6.0	15.0	6.0	15.0	6.0	15.0	6.0	15.0	15.0	9.0	5.0	15.0	9.0	5.0	15.0	9.0	5.0	15.0	9.0	5.0
0.015	153		6.0	15.0	6.0	15.0	6.0	15.0	6.5	15.0	15.0	10.0	6.0	15.0	10.0	6.0	15.0	10.0	6.0	15.0	10.0	6.0
0.022	223		6.0	15.0	6.0	15.0	6.0	15.0	7.0	15.0	15.0	10.0	6.0	15.0	10.0	6.0	15.0	9.0	6.0	15.0	10.0	6.0
0.033	333		6.5	15.0	6.5	15.0	6.5	15.0	9.0	15.0	15.0	10.0	6.0	15.0	10.0	6.0	15.0	10.0	6.0	15.0	11.0	7.0
0.047	473		7.0	15.0	7.0	15.0	7.0	15.0	7.5	21.0	15.0	10.0	6.0	15.0	10.0	6.0	15.0	10.0	6.0	21.0	10.0	6.0
0.068	683		5.5	15.0	5.5	15.0	7.0	21.0	8.5	21.0	15.0	8.0	5.0	15.0	8.0	5.0	15.0	10.0	6.5	21.0	11.0	7.0
0.100	104		6.0	15.0	6.0	15.0	8.0	21.0	11.0	21.0	15.0	9.0	6.0	15.0	9.0	6.0	21.0	11.0	6.5	21.0	13.0	8.0
0.150	154		7.0	15.0	6.5	15.0	9.0	21.0	10.5	25.0	15.0	8.0	5.0	15.0	8.0	6.0	21.0	11.5	6.5	21.0	15.0	10.0
0.220	224		7.0	15.0	7.0	21.0	9.5	26.0	14.0	25.0	15.0	10.0	6.0	21.0	10.0	5.0	21.0	13.5	7.5	26.0	14.5	8.5
0.330	334		8.0	15.0	8.0	21.0	11.0	26.0	12.0	33.0	15.0	11.0	6.0	21.0	11.0	5.0	26.0	14.5	8.0	26.0	17.0	10.0
0.470	474		7.5	21.0	9.0	21.0	13.0	26.0	14.0	33.0	21.0	10.0	6.0	21.0	10.0	7.0	26.0	15.5	9.0	33.0	17.5	9.0
0.680	684		8.5	26.0	9.0	26.0	13.5	33.0	16.5	33.0	21.0	11.0	6.0	26.0	11.0	7.0	33.0	15.0	7.5	33.0	19.0	11.0
1.000	105		10.0	26.0	10.5	26.0	16.0	33.0	20.0	37.0	21.0	12.5	7.0	26.0	12.5	8.0	33.0	18.5	10.0	37.0	22.0	13.0
1.500	155		10.0	26.0	13.0	26.0	19.0	33.0	25.0	37.0	26.0	10.0	7.0	26.0	12.0	9.0	33.0	21.0	12.5	37.0	27.0	17.0
2.200	225		11.5	33.0	14.0	33.0	20.0	37.0	23.0	47.0	26.0	16.0	9.0	33.0	16.0	9.5	38.0	23.0	14.0	47.0	28.0	19.0
3.300	335		13.0	33.0	16.5	33.0	25.0	37.0			26.0	18.5	11.0	33.0	18.5	11.0	38.0	26.0	17.0			
4.700	475		14.5	33.0	18.0	37.0					33.0	18.5	9.0	38.0	18.5	16.0	38.0	30.0	21.0			
6.800	685		18.0	33.0	20.5	37.0					33.0	23.0	13.0	38.0	23.0	19.0						
10.000	106		20.0	33.0	22.0	47.0					33.0	26.5	16.0	47.0	26.5	22.0						
12.000	126		22.0	33.0	24.0	47.0																

PART NUMBER EXAMPLE MT 474 M 2G