AC "Y -CLASS" FILM CAPACITORS
MPY Series: Interference Suppressor Y2

RoHS

INTRODUCTION

MPY Series are constructed with special Metalized/Polypropylene film dielectric, copperply lead, in plastic case and epoxy resin sealed. They are suitable for Line-By-Pass, antenna coupling, Across-The-Line and spark killer circuits and available for EMI filter and switching power supply application.

FEATURES

- Non-inductive construction
- Self-healing property
- Flame-retardant plastic case and epoxy resin (compliant to UL 94V-0)
- High moisture resistance

DIMENSIONS

W.V. / F	Code	250 VAC W	H	T	P	d
0.0010	102	13.0	9.0	4.0	10.0	0.6
0.0015	152	13.0	9.0	4.0	10.0	0.6
0.0022	222	13.0	9.0	5.0	10.0	0.6
0.0033	332	13.0	9.0	5.0	10.0	0.6
0.0047	472	13.0	9.0	6.0	10.0	0.6
0.0056	562	13.0	9.0	6.0	10.0	0.6
0.0068	682	13.0	9.0	6.0	10.0	0.6
0.0100	103	18.0	12.0	6.0	15.0	0.8
0.0120	123	18.0	14.0	7.5	15.0	0.8
0.0150	153	18.0	15.5	8.5	15.0	0.8
0.0220	223	18.0	15.5	9.5	15.0	0.8
0.0270	273	18.0	18.0	10.0	15.0	0.8
0.0330	333	26.5	17.0	8.5	15.0	0.8
0.0470	473	26.5	19.0	10.0	22.5	0.8
0.0560	563	26.5	20.0	10.0	22.5	0.8
0.0680	683	26.5	21.5	12.0	22.5	0.8
0.1000	104	31.0	22.0	13.0	27.5	0.8
0.2200	224	32.0	25.0	15.0	27.5	0.8
0.3300	334	32.0	28.0	18.0	27.5	0.8

SPECIFICATIONS

Type	Performance
Operating Temperature Range	-40°C ~ + 100°C
Capacitance Range	0.001μ F ~ 0.33μ F
Capacitance Tolerance	±5% (J), ±10%(K), ±20%(M)
Rate Voltage	250VAC,50Hz ~ 60Hz
Dissipation Factor at 20 °C and 1KHz	P = 10mm, 0.8% P ≥ 15mm, 0.05%
Test voltage for 2 seconds	P = 10mm, 2500 vdc P ≥ 15mm, 2700 vdc
Insulation resistance	> 30,000 MΩ

APPROVED/RECOGNIZED TYPE

Approval Standard		File Number	Monogram
UL UI1414	USA	E200768	c UL us
VDE VDE 565	Germany	40013297	VDE

PART NUMBER EXAMPLE

MPY 103 K 250VAC 150 B

- Packaging
- Straight Lead Spacing
- Voltage
- Tolerance
- Capacitance
- Series

