

FEATURES

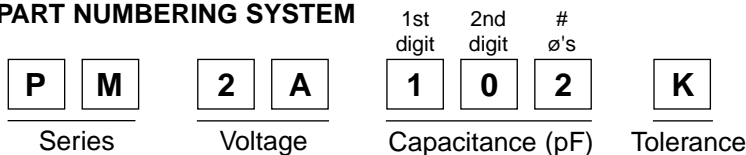
- High moisture resistance
- Wide operating temperature range
- Leads are electrically welded to electrodes
- Conformally coated with flame retardant epoxy resin



CHARACTERISTICS

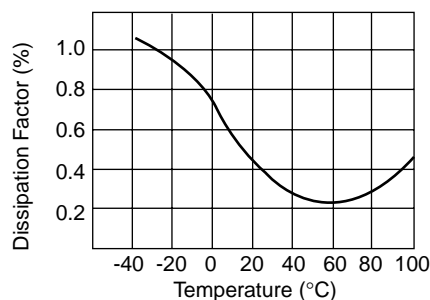
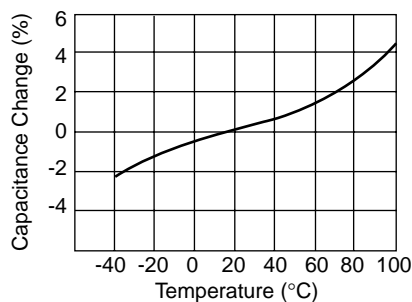
Item	Characteristics
Operating Temperature Range	-40°C ~ +85°C
Capacitance Tolerance	±10%
Standard Working Voltage (WV)	100
Withstanding Voltage	Working Voltage x 2.5 (5 sec.)
Dissipation Factor	1.0% max. (1KHz)
Insulation Resistance	>30,000MΩ
High Temperature Stability	Capacitance change +5% ~ -2% @ +85°C; Insulation resistance: 1,500MΩ min.
Low Temperature Stability	Capacitance change 0% ~ +5% @ -40°C; Insulation resistance: 1,500MΩ min.
Humidity Life	@+40°C, 90%~95%RH x WV for 250 ±4 hrs: C change is ±5% max.; DF change is 1.2% max.; IR is 9,000MΩ min.
Life Test	@+85°C, 1/4 x WV for 1,000 hrs: C change is ±8% max.; DF change is 1.1% max.; IR is 4,500MΩ min.
Lead Material	Solder plated annealed copper covered steel wire

PART NUMBERING SYSTEM

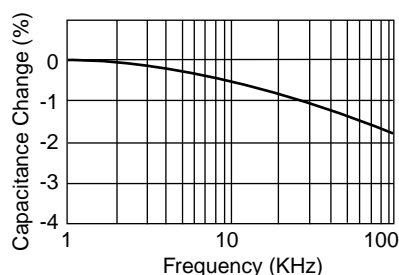


Voltage (WV) Code:	Tolerance Code:
2A = 100	K = ±10%

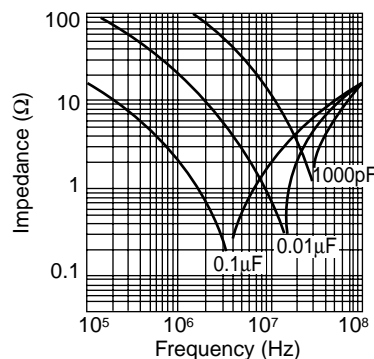
TEMPERATURE CHARACTERISTIC CHART



FREQUENCY CHARACTERISTIC CHART



IMPEDANCE-FREQUENCY CHARACTERISTIC (Ω) CHART



■ DIMENSIONS

Value (μF)	Working Voltage (WV): 100; Dimensions (mm)		
	W x H x T	P	$\text{\textcircled{d}}$
0.001	5.5 x 7.5 x 3.0	3.5	0.5
0.0012	5.5 x 7.5 x 3.0	3.5	0.5
0.0015	5.5 x 7.5 x 3.0	3.5	0.5
0.0018	5.5 x 7.5 x 3.0	3.5	0.5
0.0022	5.5 x 7.5 x 3.0	3.5	0.5
0.0027	6.0 x 7.5 x 3.0	3.5	0.5
0.0033	6.0 x 7.5 x 3.0	3.5	0.5
0.0039	6.0 x 7.5 x 3.0	3.5	0.5
0.0047	6.0 x 7.5 x 3.0	3.5	0.5
0.0056	6.0 x 7.5 x 3.0	3.5	0.5
0.0068	6.0 x 7.5 x 3.0	3.5	0.5
0.0082	6.0 x 7.5 x 3.5	3.5	0.5
0.01	6.0 x 7.5 x 3.5	3.5	0.5
0.012	6.0 x 7.5 x 3.5	3.5	0.5
0.015	6.0 x 8.5 x 3.5	3.5	0.5
0.018	6.0 x 9.0 x 3.5	3.5	0.5
0.022	6.5 x 9.0 x 3.5	3.5	0.5
0.027	6.5 x 9.0 x 4.0	3.5	0.5
0.033	6.5 x 9.0 x 4.0	3.5	0.5
0.039	7.5 x 9.0 x 4.0	5.0	0.5
0.047	7.5 x 9.5 x 4.0	5.0	0.5
0.056	7.5 x 10.5 x 4.5	5.0	0.5
0.068	8.0 x 10.5 x 5.0	5.0	0.5
0.082	8.0 x 11.0 x 5.0	5.0	0.5
0.1	8.5 x 11.5 x 6.0	5.0	0.5
0.12	9.0 x 12.5 x 6.0	5.0	0.5
0.15	9.5 x 12.5 x 6.5	5.0	0.5
0.18	10.5 x 12.5 x 7.0	7.5	0.5
0.22	11.5 x 13.0 x 7.0	7.5	0.5
0.47	13.0 x 15.5 x 8.0	7.5	0.5

