

## FEATURES

- Constructed of metallized polyester film
- High stability in a miniature size
- Self healing characteristics with dipped epoxy coating to retard humidity defects
- Non-inductive construction



## CHARACTERISTICS

Item	Characteristics
Operating Temperature Range	-40°C ~ +85°C
Capacitance Tolerance	±5%, ±10%, ±20%
Standard Working Voltage (WV)	100, 250, 400, 630
Dielectric Strength	150% of working voltage for 1 minute
Dissipation Factor	1.0% max. (1KHz), 20°C

## PART NUMBERING SYSTEM

**M** **F**

Series

**2** **5** **0** **V**

Voltage  
Actual Value

**.** **4** **7**

Capacitance (µF)  
Actual Value

**K**

Tolerance

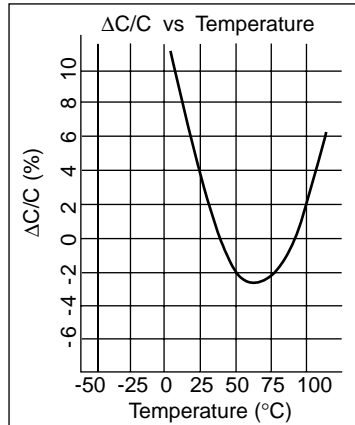
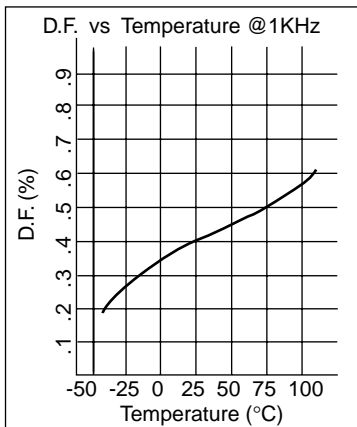
Tolerance Code:

J = ±5%

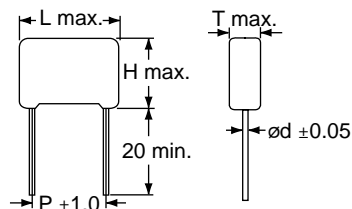
K = ±10%

M = ±20%

## TEMPERATURE CHARACTERISTIC CHARTS



## ■ DIMENSIONS



Value (µF)	Working Voltage (WV); Dimensions (mm)											
	100			250			400			630		
	L x H x T	P	ød	L x H x T	P	ød	L x H x T	P	ød	L x H x T	P	ød
0.0033				12.5x8.5x4.5	10	0.6	12.5x9.0x5.0	10	0.6	12.5x9.5x5.5	10	0.6
0.0039				12.5x8.5x4.5	10	0.6	12.5x9.0x5.0	10	0.6	12.5x9.5x5.5	10	0.6
0.0047				12.5x8.5x4.5	10	0.6	12.5x9.0x5.0	10	0.6	12.5x9.5x5.5	10	0.6
0.0056				12.5x8.5x4.5	10	0.6	12.5x9.0x5.0	10	0.6	12.5x9.5x5.5	10	0.6
0.0068				12.5x8.5x4.5	10	0.6	12.5x9.0x5.0	10	0.6	12.5x9.5x5.5	10	0.6
0.0082				12.5x9.0x5.0	10	0.6	12.5x9.0x5.0	10	0.6	12.5x9.5x5.5	10	0.6
0.010				12.5x9.0x5.0	10	0.6	12.5x9.0x5.0	10	0.6	12.5x9.5x5.5	10	0.6
0.012				12.5x9.0x5.0	10	0.6	12.5x9.0x5.0	10	0.6	12.5x9.5x5.5	10	0.6
0.015				12.5x9.0x5.0	10	0.6	12.5x9.0x5.0	10	0.6	12.5x10.0x5.5	10	0.6
0.018				12.5x9.0x5.0	10	0.6	12.5x9.0x5.0	10	0.6	12.5x10.0x5.5	10	0.6
0.022				12.5x9.0x5.0	10	0.6	12.5x9.0x5.0	10	0.6	12.5x11.0x6.0	10	0.6
0.027				12.5x9.0x5.0	10	0.6	12.5x9.5x5.5	10	0.6	12.5x11.5x6.5	10	0.6
0.033				12.5x9.0x5.0	10	0.6	12.5x9.5x5.5	10	0.6	18.0x11.0x6.0	15	0.8
0.039				12.5x9.0x5.0	10	0.6	12.5x10.0x6.0	10	0.6	18.0x11.0x6.0	15	0.8
0.047				12.5x9.0x5.0	10	0.6	12.5x11.0x6.5	10	0.6	18.0x12.0x6.5	15	0.8
0.056				12.5x9.0x5.0	10	0.6	12.5x12.0x7.0	10	0.6	18.0x12.5x6.5	15	0.8
0.068				12.5x9.0x5.0	10	0.6	18.0x10.0x5.5	15	0.8	18.0x13.0x7.0	15	0.8
0.082				12.5x9.0x5.0	10	0.6	18.0x11.0x6.0	15	0.8	23.0x12.0x6.5	20	0.8
0.10				12.5x9.0x5.0	10	0.6	18.0x11.0x6.0	15	0.8	23.0x13.0x7.0	20	0.8
0.12	12.5x9.0x5.0	10	0.6	12.5x9.5x5.5	10	0.6	18.0x12.0x6.5	15	0.8	23.0x14.0x7.5	20	0.8
0.15	12.5x9.0x5.0	10	0.6	12.5x10.0x6.0	10	0.6	18.0x13.0x7.0	15	0.8	23.0x15.0x8.5	20	0.8
0.18	12.5x9.0x5.0	10	0.6	18.0x10.0x5.5	15	0.8	18.0x14.0x7.5	15	0.8	23.0x16.0x9.0	20	0.8
0.22	12.5x9.0x5.0	10	0.6	18.0x11.0x6.0	15	0.8	18.0x15.5x8.5	15	0.8	23.0x16.5x9.5	20	0.8
0.27	12.5x9.0x5.0	10	0.6	18.0x12.0x6.5	15	0.8	23.0x15.0x8.0	20	0.8	31.0x17.0x8.0	27	0.8
0.33	12.5x9.5x5.5	10	0.6	18.0x13.0 x7.0	15	0.8	23.0x16.0x9.0	20	0.8	31.0x18.0x9.5	27	0.8
0.39	12.5x10.0x6.0	10	0.6	18.0x14.0x7.5	15	0.8	23.0x17.0x10	20	0.8	31.0x20.0x11	27	0.8
0.47	12.5x11.0x6.5	10	0.6	18.0x14.5x8.0	15	0.8	23.0x18.0x11	20	0.8	31.0x21.0x12	27	0.8
0.56	18.0x12.0x6.5	15	0.8	23.0x13.0x7.0	20	0.8	23.0x19.0x12	20	0.8	31.0x22.5x13	27	0.8
0.68	18.0x13.0x7.0	15	0.8	23.0x14.0x7.5	20	0.8	31.0x18.0x9.5	27	0.8	31.0x24.0x14	27	0.8
0.82	18.0x14.0x7.5	15	0.8	23.0x15.0x8.0	20	0.8	31.0x19.0x10	27	0.8			
1.0	18.0x14.5 x8.0	15	0.8	23.0x16.0x9.0	20	0.8	31.0x20.0x11	27	0.8	31.0x27x18	27	
1.2	18.0x15.5x9.0	15	0.8	23.0x17.0x10	20	0.8	31.0x22.0x13	27	0.8			
1.5	23.0x15.0x8.0	20	0.8	31.0x17.0x9.0	27	0.8	31.0x24.0x15	27	0.8			
1.8	23.0x16.0x9.0	20	0.8	31.0x18.0x9.5	27	0.8	31.0x25.5x16.5	27	0.8			
2.2	23.0x17.0x10	20	0.8	31.0x19.0x10	27	0.8	31.0x27.0x18	27	0.8			
2.7	23.0x18.5x11	20	0.8	31.0x20.5x11.5	27	0.8						
3.3	23.0x20.0x12	20	0.8	31.0x22.0x13.5	27	0.8						
3.9	31.0x18.0x11.5	27	0.8	31.0x23.0x15.0	27	0.8						
4.7	31.0x20.0x13	27	0.8	31.0x24.0x16.0	27	0.8						
5.6	31.0x22.0x14.5	27	0.8	31.0x24.0x16.0	27	0.8						
6.8	31.0x24.0x16	27	0.8	31.0x27.0x18.0	27	0.8						

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