

FEATURES

- High stability and reliability
- Low ESR
- Non-inductive construction minimizes dissipation factor
- Epoxy resin coating



CHARACTERISTICS

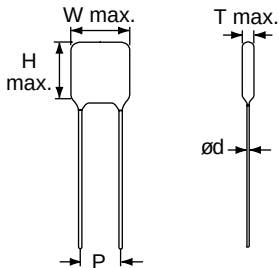
Item	Characteristics
Operating Temperature Range	-40°C ~ +85°C
Capacitance Tolerance	±5%, ±10%, ±20%
Standard Working Voltage (WV)	50, 100, 200
Dissipation Factor	0.8% max. (1KHz), 25°C
Insulation Resistance	≤0.1μF is >20,000MΩ; >0.1μF is >2,000MΩ per μF

PART NUMBERING SYSTEM

1	4	3	2	2	1st digit	2nd digit	# ø's	
1	4	3	2	2	1	0	2	
Series				Voltage	Capacitance (pF)		Tolerance	

Voltage (WV) Code:	Tolerance Code:
5 = 50	J = ±5%
1 = 100	(blank) = ±10%
2 = 200	M = ±20%

DIMENSIONS



Value (μF)	Working Voltage (WV); Dimensions (mm)					
	50 and 100			200		
	W x H x T	P	ød	W x H x T	P	ød
0.001	10.5 x 9.0 x 5.5	7±1	0.6	10.5 x 9.0 x 6.0	7±1	0.6
0.0015	10.5 x 9.0 x 5.5	7±1	0.6	10.5 x 9.0 x 6.0	7±1	0.6
0.0022	10.5 x 9.0 x 5.5	7±1	0.6	10.5 x 9.0 x 6.0	7±1	0.6
0.0033	10.5 x 9.0 x 5.5	7±1	0.6	10.5 x 9.0 x 6.0	7±1	0.6
0.0047	10.5 x 9.0 x 6.0	7±1	0.6	10.5 x 9.0 x 6.0	7±1	0.6
0.0068	10.5 x 9.0 x 6.0	7±1	0.6	10.5 x 9.0 x 6.0	7±1	0.6
0.01	10.5 x 9.0 x 6.0	7±1	0.6	10.5 x 9.0 x 6.0	7±1	0.6
0.015	10.5 x 9.0 x 6.0	7±1	0.6	13.5 x 10.0 x 6.0	10±1.5	0.6
0.022	11.0 x 9.0 x 6.0	7±1	0.6	13.5 x 11.0 x 6.0	10±1.5	0.6
0.033	11.0 x 10.0 x 6.0	7±1	0.6	13.5 x 13.0 x 7.0	10±1.5	0.6
0.047	13.5 x 11.0 x 6.5	10±1.5	0.6	19.0 x 14.0 x 8.0	15±1.5	0.6
0.068	13.5 x 12.5 x 7.0	10±1.5	0.6	19.0 x 16.0 x 9.0	15±1.5	0.8
0.1	14.0 x 13.0 x 8.0	10±1.5	0.6	19.0 x 17.0 x 9.5	15±1.5	0.8
0.15	19.0 x 14.0 x 8.0	15±1.5	0.8	19.0 x 18.0 x 10.0	15±1.5	0.8
0.22	19.0 x 16.0 x 8.5	15±1.5	0.8	26.0 x 21.0 x 10.5	22±1.5	0.8
0.33	19.0 x 18.0 x 10.0	15±1.5	0.8	26.0 x 22.0 x 11.5	22±1.5	0.8
0.47	26.0 x 21.0 x 12.5	22±1.5	0.8	31.0 x 24.0 x 13.0	27.5±1.5	0.8

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