POLYESTER FILM CAPACITOR-PEI

INDUCTIVE WELDED CONSTRUCTION EPOXY DIP COATED

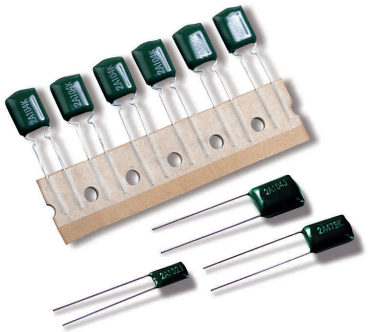
TS01

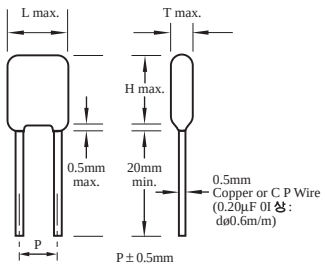
FEATURES

- Good reputation in use with consumer & industrial electronics.
- Optimum for automatic insertion due to their small size and light weight.
- Coated with epoxy resin for superior heat resistance, humidity resistance and solvent resistance.

SPECIFICATIONS

OPERATING TEMPERATURE	-40˚C TO + 85˚C
RATED VOLTAGE	DC 100V,250V,400V,630V,1000V
CAPACITANCE RANGE	0.001 TO 0.47 Mfd
CAPACITANCE TOLERANCE	±5%, ±10%, ±20%
INSULATION RESISTANCE	30.000 MΩ min
DISSIPATION FACTOR	≤0.0075 (AT 1KHZ)
DIELECTRIC STRENGTH	250% of rated voltage for 5sec.





VDC / Mfd	100 VDC				Miniature Size 100V				250 VDC				400 VDC			
	L	T	H	P	L	T	H	P	L	T	H	P	L	T	H	P
0.001	5.5	3.0	9.5	4.0	5.0	2.5	7.5	4.0	5.5	3.3	10.0	3.5	6.5	4.0	11.0	4.0
0.0012	5.5	3.0	9.5	4.0	5.0	2.5	7.5	4.0	5.5	3.3	10.0	3.5	6.5	4.0	11.0	4.0
0.0015	5.5	3.0	9.5	4.0	5.0	2.5	7.5	4.0	5.5	3.3	10.0	3.5	6.5	4.0	11.0	4.0
0.0018	5.5	3.0	9.5	4.0	5.0	2.5	7.5	4.0	5.5	3.3	10.0	3.5	6.5	4.0	11.0	4.0
0.0022	5.5	3.0	9.5	4.0	5.0	2.5	7.5	4.0	5.5	3.3	10.0	3.5	6.5	4.0	11.0	4.0
0.0027	5.5	3.0	9.5	4.0	5.0	2.5	7.5	4.0	5.5	3.3	10.0	3.5	6.5	4.0	11.0	4.0
0.0033	5.5	3.0	9.5	4.0	5.0	2.5	7.5	4.0	6.0	3.5	10.5	4.0	7.0	5.0	11.5	4.5
0.0039	5.5	3.0	9.5	4.0	5.0	2.5	7.5	4.0	6.0	3.5	10.5	4.0	7.0	5.0	11.5	4.5
0.0047	5.5	3.0	9.5	4.0	5.5	3.0	7.5	4.0	6.0	3.5	10.5	4.0	7.0	5.0	11.5	4.5
0.0056	5.5	3.0	9.5	4.0	5.5	3.0	7.5	4.0	6.0	3.5	10.5	4.0	7.0	5.5	11.5	4.5
0.0068	6.0	3.0	9.5	4.5	5.5	3.0	7.5	4.0	6.0	3.5	10.5	4.5	7.0	5.5	11.5	4.5
0.0082	6.0	3.5	9.5	4.5	5.5	3.0	7.5	4.0	6.5	4.0	10.5	4.5	7.0	5.5	11.5	4.5
0.01	6.0	3.5	9.5	4.5	6.0	3.5	7.5	4.0	6.5	4.0	10.5	4.5	8.0	5.5	11.5	5.0
0.012	6.5	3.5	11.0	5.0	6.0	3.5	9.5	4.5	6.5	4.0	11.5	4.5	8.0	5.5	11.5	5.0
0.015	6.5	3.5	11.0	5.0	6.0	3.5	9.5	4.5	7.0	4.5	11.5	4.5	8.0	5.5	12.0	5.0
0.018	6.5	3.5	11.0	5.0	6.0	3.5	9.5	4.5	7.0	4.5	11.5	5.0	8.0	5.5	12.0	5.0
0.022	6.5	3.5	11.0	5.0	6.0	3.5	9.5	4.5	7.5	4.5	12.0	5.0	8.5	6.0	12.5	5.5
0.027	7.0	3.5	11.0	6.0	7.0	3.5	9.5	5.0	7.5	4.5	12.0	5.0	8.5	6.0	12.5	5.5
0.033	7.5	3.5	11.0	6.0	7.0	3.5	9.5	6.0	8.0	5.0	12.5	5.5	9.0	6.0	12.5	6.0
0.039	7.5	3.5	11.5	6.0	7.0	3.5	9.5	6.0	8.5	5.0	12.5	5.5	10.0	6.0	13.0	6.5
0.047	8.0	4.0	11.5	6.5	8.0	4.0	9.5	6.0	9.0	5.5	13.0	6.0	11.0	6.5	13.0	7.0
0.056	8.5	4.0	11.5	7.0	8.0	4.0	10.0	6.0	9.5	6.0	13.0	6.5	11.5	6.5	13.0	7.5
0.068	9.0	4.0	11.5	7.0	8.5	4.5	10.0	6.0	9.5	6.5	13.0	7.0	11.5	6.5	13.5	10.0
0.082	9.5	5.0	12.0	7.5	9.0	5.0	10.0	6.0	10.0	7.0	13.5	7.5	12.0	7.0	14.0	10.0
0.1	10.0	5.5	12.0	7.5	9.0	5.0	10.0	7.0	10.0	7.5	13.5	8.0	13.0	7.0	14.0	10.0
0.12	10.5	6.0	13.0	8.0	10.0	5.5	10.0	7.0	11.0	8.0	13.5	8.0				
0.15	12.0	6.0	13.0	9.5	10.0	5.5	12.5	7.5	13.0	8.5	15.0	9.5				
0.18	12.5	7.0	16.0	9.5	10.5	5.5	13.0	8.0	14.0	9.0	15.0	9.5				
0.22	12.5	7.0	16.0	9.5	11.5	6.5	13.0	8.0	16.0	10.0	16.0	10.5				
0.27	14.0	7.5	16.0	11.0	12.0	7.5	13.0	9.0								
0.33	14.0	7.5	17.5	11.0	13.0	8.5	14.0	9.0								
0.39	15.0	8.0	18.0	11.0	13.5	9.0	14.0	9.0								
0.47	15.5	9.0	19.0	11.5	15.0	10.0	15.0	10.5								