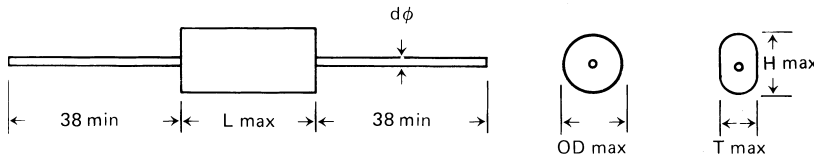


**POLYESTER, POLYETHYLENE TEREPHTHALATE (PET)**  
**NON-INDUCTIVE, EXTENDED FOIL, WAX IMPREGNATED, WRAP AND FILL**

**APPLICATION**

Timing light and heavy duty pulse circuits.

TYPE: 6001 TYPE: 6002



**FEATURES**

- Will withstand highest volts/micron thickness of any film capacitor.
- Meet requirements for steep voltage spike characteristics.
- Excellent humidity protection that comply with MIL-STD-202 method 103B.
- Specials available upon request.

**SPECIFICATIONS**

Performance Characteristics	
Operating Temperature Range	-40°C ~ +85°C with voltage derating of 1.5%/°C between 85°C & 125°C.
Voltage Range	400 & 600VDC.
Withstanding Voltage (between leads)	2.5 times rated voltage for 5 seconds.
Capacitance Range	0.01µF ~ 2.2µF.
Capacitance Tolerance	±5%, ±10%, & ±20%.
Maximum Dissipation Factor % (25°C, 1KHz)	1.0.
Minimum Insulation Resistance (25°C)	50000MΩ.

**PART NUMBERING**

Part Number Example: 6001-400/104KF						
6001	-	400	/	104	K	F
Type		Rated DC Voltage		Capacitance Code (pF)*	Tolerance Code	RoHs Compliant
* Capacitance Code: First two digits represent significant figures, third digit represents multiplier (number of zeros).						

WVDC	L Maximum			
	31	36	41	49
400	170	80		30
600		120	70	40

Maximum pulse rise time (dv/dt) V/µsec.

Cap. (µF)	400WVDC					600WVDC				
	L	D	T	H	dØ	L	D	T	H	dØ
0.1.0	31.0	10.5	8.0	14.0	0.8	36.0	11.0	8.5	14.5	0.8
0.15	31.0	11.5	8.5	15.0	0.8	36.0	12.5	9.5	15.5	0.8
0.22	31.0	12.5	9.0	16.0	0.8	36.0	14.0	10.5	16.5	0.8
0.33	36.0	11.0	8.5	15.0	0.8	41.0	14.0	9.5	16.5	0.8
0.47	36.0	13.0	10.0	17.0	0.8	41.0	16.0	11.5	19.0	0.8
0.68	36.0	15.5	12.0	19.5	0.8	41.0	18.5	14.0	22.5	0.8
1.0	49.0	16.5	12.0	20.0	1.0	49.0	18.2	13.0	22.5	1.0
1.5	49.0	19.0	13.0	23.5	1.0	49.0	22.0	16.0	26.0	1.0
2.2	49.0	22.0	15.0	27.5	1.0	49.0	25.8	16.5	29.5	1.0