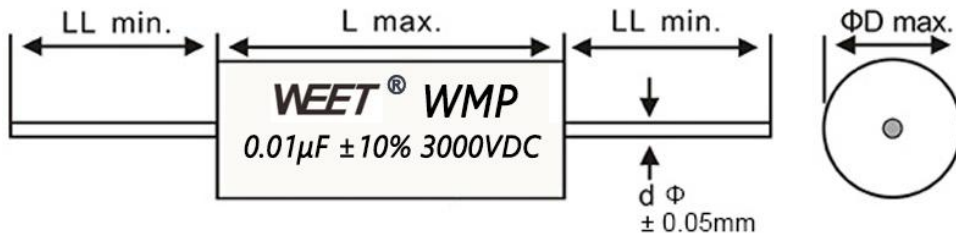


## FEATURES

- Quick transient design
- High dV/dt, High pulse current, Low inductance, Self healing
- Low ESR characteristics, excellent high frequency and high voltage capabilities.

## DRAWING (mm)



## PICTURE



## SPECIFICATIONS

Passive flammability	IEC 61071
Operating temperature	-40°C ~ +85°C
Capacitance range	0.1~100uF
Capacitance tolerance	±5%、±10% 1KHz
Rated voltage	3000V.DC
Voltage Between Terminals	1.5×UR VDC, 10s (20°C)
Voltage Between Terminals and Case	3000 VAC, 10s (20°C,50Hz)
Dissipation factor	≤0.0005 (20°C,1KHz)
Insulate the electric resistance	IR ≥100 000MΩ,CN≤0.33uF
(20°C,100VDC,1min)	IR ≥30000s CN >0.33uF
Leads Diameter	Tinned Pure Copper Wire

**SIZE TABLE (mm)**

U <sub>R</sub> (VDC)	C <sub>R</sub> ( $\mu$ F)	Tolerance	I <sub>peak</sub> (A)	dV/dt (V/ $\mu$ s)	ESR (m $\Omega$ ) 100KHz	I <sub>rms</sub> 100KHz 70 $^{\circ}$ C (A)	Dimension (mm)			
							L <sub>max</sub>	$\Phi$ D <sub>max</sub>	L <sub>lmin</sub>	$\Phi$ d
3000	0.01	$\pm$ 10%	30	4800	80	2.0	32	11	35	0.8
3000	0.015	$\pm$ 10%	50	4800	65	2.5	32	12	35	0.8
3000	0.022	$\pm$ 10%	65	3500	40	3.0	32	14	35	0.8
3000	0.047	$\pm$ 10%	150	3500	20	4.5	32	18	35	1.0
3000	0.10	$\pm$ 10%	185	2100	15	6.5	44	20	35	1.2
3000	0.22	$\pm$ 10%	380	2100	10	4.5	44	29	35	1.2

**ESR Testing at 100KHz: Cross to Cornell Dubilier 940C 0.01 $\mu$ F 3000VDC +/-10% OD\*L: 11.5\*34mm**



**Note: Other values are available on request. WEET are capable of doing custom service for you.**

