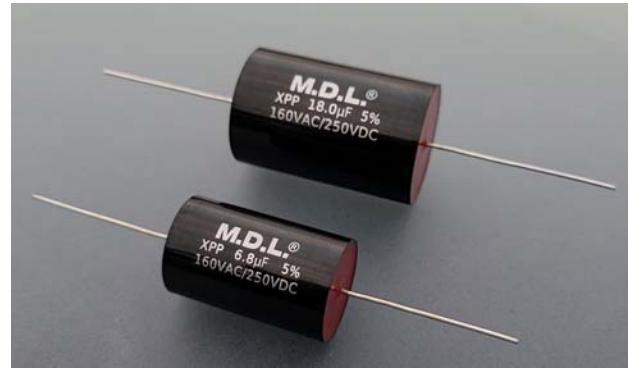
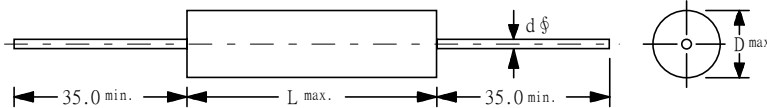


# XPP

Axial lead, Round  
Series



## 1) Dimensions:



## 2) Specifications:

- (a) Capacitance tolerance :  $\pm 10\%$ (K) or  $\pm 5\%$ (J) or  $\pm 2.5\%$  (H) or  $\pm 1\%$ (F) at 1K HZ
- (b) Dissipation factor : C < 47  $\mu$ F : 0.07% Max at 1KHz 25°C  
 47  $\mu$ F  $\leq$  C < 100 $\mu$ F : 0.3% Max at 1KHz 25°C  
 100  $\mu$ F  $\leq$  C < 180 $\mu$ F : 0.7% Max at 1KHz 25°C
- (c) Temperature range : - 40 °C to +105 °C
- (d) Capacitance drift : Max. 2% cycled through the operating temp. Range.
- (e) INSULATING RESIS : C  $\leq$  0.33 $\mu$ F, I.R.  $\geq$  9000 Mega-Ohm (at 20 °C, 1min)  
 C > 0.33 $\mu$ F, I.R.  $\geq$  7500 Mega-Ohm (at 20 °C, 1min)
- (f) LIFE TEST : 150% of rated working voltage at 105 °C for 1,000 hours.
- (g) HUMIDITY : Caps Max. 5% D.F. Max 2% I.R. Min 70% under R.H. 95% @40 °c 1,000 hours.
- (h) PULL TEST : Will sustain 2 kgs steady pull in the direction of lead egress and 1 kg steady pull at any 90 degree angle for 60 seconds. After test, capacitor shall show no evidence of damage and pass all electrical requirements.

## 3) MAX SIZE(D x L)

Unit : mm

CAPACITANCE	100 VDC			250 VDC			400VDC (6u)			400VDC (8u)			630VDC		
	D $\pm$ 2	L $\pm$ 2	$\phi$ d	D $\pm$ 2	L $\pm$ 2	$\phi$ d	D $\pm$ 2	L $\pm$ 2	$\phi$ d	D $\pm$ 2	L $\pm$ 2	$\phi$ d	D $\pm$ 2	L $\pm$ 2	$\phi$ d
0.01	5.3	15	0.6	5.3	15	0.6	5.3	15	0.6	5.3	15	0.6	5.3	15	0.6
0.033	4.9	15	0.6	4.9	15	0.6	4.9	15	0.6	4.8	20	0.6	6.4	20	0.6
0.047	5.6	15	0.6	5.6	15	0.6	5.6	15	0.6	5.4	20	0.6	7.4	20	0.6
0.068	6.5	15	0.6	5.6	15	0.6	6.5	15	0.6	6.2	20	0.6	8.7	20	0.6
0.1	5.5	15	0.6	6	14	0.6	7.6	15	0.6	7.3	20	0.6	8.8	25	0.6
0.22	7.5	15	0.6	9.1	15	0.6	7.9	20	0.6	10.3	20	0.6	12.5	25	0.6
0.33	6.7	20	0.6	8.1	20	0.6	9.5	20	0.6	10.3	25	0.6	12.7	32	0.6
0.47	7.8	20	0.6	8	24	0.6	9.3	25	0.6	12.1	25	0.6	14.9	32	0.6
0.68	9.1	20	0.6	9.3	25	0.6	11.0	25	0.6	12.1	32	0.6	17.8	32	0.6
1	7.7	32	0.8	10	31	0.8	11.0	32	0.8	14.5	32	0.8	21.4	32	0.8
1.5	9.2	32	0.8	12	31	0.8	13.4	32	0.8	17.6	32	0.8	21.0	46	0.8
2.2	10.9	32	0.8	14	31	0.8	16.1	32	0.8	19.6	36	0.8	25.2	46	0.8
2.7	12.0	32	0.8	15	31	0.8	16.4	36	0.8	21.6	36	0.8	27.9	46	0.8

CAPACITANCE	100 VDC			250 VDC			400VDC (6u)			400VDC (8u)			630VDC		
	MFD	D±2	L±2	ø d	D±2	L±2	ø d	D±2	L±2	ø d	D±2	L±2	ø d	D±2	L±2
3.3	13.2	32	0.8	16	31	0.8	18.0	36	0.8	20.8	46	0.8	30.7	46	0.8
3.9	14.3	32	0.8	17	31	0.8	19.5	36	0.8	22.5	46	0.8	29.5	56	0.8
4.7	15.6	32	0.8	19	31	0.8	21.5	36	0.8	24.6	46	0.8	32.3	56	0.8
5.6	15.7	36	0.8	19	35	0.8	20.3	46	0.8	26.8	46	0.8	35.2	56	0.8
6.8	17.3	36	0.8	21	35	0.8	22.3	46	0.8	26.1	56	0.8	38.7	56	0.8
7.5	18.1	36	0.8	19.5	46	0.8	23.4	46	0.8	27.3	56	0.8	38.6	61	0.8
8.2	18.9	36	0.8	20	45	0.8	24.4	46	0.8	28.5	56	0.8	40.3	61	0.8
10	18.0	46	1.0	22	45	1.0	26.8	46	1.0	31.4	56	1.0	42.4	66	1.0
12	19.7	46	1.0	25	45	1.0	26.0	56	1.0	32.6	61	1.0	46.4	66	1.0
15	21.9	46	1.0	24	55	1.0	28.9	56	1.0	36.4	61	1.0	39.6	106	1.0
18	24.0	46	1.0	26.5	56	1.0	31.6	56	1.0	39.8	61	1.0	43.3	106	1.0
22	23.5	56	1.0	29.2	56	1.0	34.9	56	1.0	43.9	61	1.0	47.8	106	1.0
27	26.0	56	1.0	30.6	61	1.0	38.6	56	1.0	46.4	66	1.0	52.9	106	1.0
33	28.6	56	1.0	33.8	61	1.0	40.4	61	1.0	45.5	81	1.0			
39	29.5	61	1.0	36.7	61	1.0	43.9	61	1.0	49.4	81	1.0			
47	32.3	61	1.0	40.2	61	1.0	45.9	66	1.0	50.7	91	1.0			
56	35.2	61	1.0	43.8	61	1.0									
68	38.7	61	1.0	46.0	66	1.0									
75	40.6	61	1.0	48.3	66	1.0									
82	42.4	61	1.0	48.3	71	1.0									
100	44.7	66	1.0	49.4	81	1.0									
120	48.9	66	1.0	48.9	66	1.0									
150	42.5	81	1.0	42.5	81	1.0									
180	46.5	81	1.0	46.5	81	1.0									

ANY SPECIAL VALUE ARE ACCEPTABLE, ITS SIZE TO BE PROVIDED UPON REQUESTED SIZE MAYBE CHANGED W/O NOTICE. SPECIAL SIZE IS ACCEPTABLE

- 如有需特殊尺寸 / 容量-請洽本公司.
- 以上為參考尺寸,如有更動不另行通知.
- <https://WWW.MDL.COM.TW>