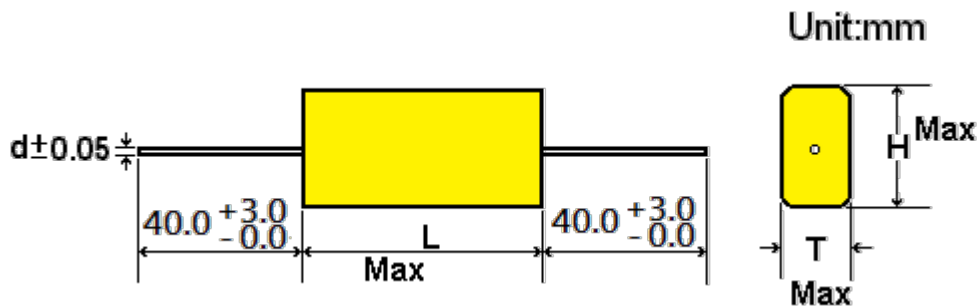


制訂者	版本	制訂日期	修訂說明
蔡育君	0	2020/04/27	首次發行
核 准		審 核	
陳勝傑		陳晁嘉	
		制 訂	
		蔡育君	

FLYiNG		臥式電容器規格書	
成品型號: MPA333J3B00	版次: 0	日期: 2020/04/27	頁次: 2 of 6

Metallized Polypropylene Film Capacitor.
TYPE : MPA333J1200VDC



TYPE	MPA	
DIMENSIONS	Unit	mm
CAPACITANCE	μF	0.033
Max. Voltage	VDC	1200
Max. Insulation Resistance	IR	Cap $\leq 0.33\mu F$ IR > 30,000 MOHM Cap > 0.33 μF IR > 10,000 MOHM $\times \mu F$

成品型號: MPA333J3B00

版次: 0

日期: 2020/04/27

頁次: 3 of 6

1.Part Name: Metallized Polypropylene Film Capacitor.

2.Type: MPA (epoxy resin sealed/axial leads.).

3.Working Voltage: 1200(3B) VDC

4.Capacitance Range: 0.033 μ F

5.Capacitance Range Tolerance: J ($\pm 5\%$)

6.Temperature Range: - 40°C -- +85°C

7.Characteristics

ARTICLE	APPLICATION ITEM	CHARACTERSTICS	TEST METHOD
1.	Dielectric Strength (Between Terminals)	No damage	Add DC test voltage $\times 175\%$ rated W.V for 1-5 Sec.
	Test voltage between terminals and case (Utc)		1kV 1Khz applied for 60s at 25 $\pm 5^\circ$ C
2.	Insulation Resistance (Between Terminals)	Cap $\leq 0.33\mu$ F IR>30,000MOHM Cap>0.33 μ F IR>10,000MOHM $\times \mu$ F	Measured at 100VDC after 1 minute.
3.	Capacitance	Within the specification	Measured with frequency 1Khz and AC volatge less than 6V.
4.	Disspation factor	$\tan \delta < 0.1\%$	
5.	Vibration	No opening and short happened No damage in element junction and appearance.	10 – 55Hz 1.5 mm amplitude 3 direction 2H Per direction.
6.	Solderability	Good tinning, by eye measurement more than 3/4 of circumference is covered with new solder	Solder temp. 245°C $\pm 5^\circ$ C dwell time 3 ± 0.5 Sec
7.	Cold	Capacitance change within + 3 -0% of 25°C	At - 40°C no Voltage applied
8.	Heat	Capacitance change within + 0 -5% of 25°C	At + 85°C no Voltage applied

ARTICLE	APPLICATION ITEM	CHARACTERSTICS	TEST METHOD
9.	Humidity life test	Appearance : No damage Dielectric strenght : No damage IR : > 30% of initial value cap. change $\leq 5\%$ of initial value $\tan\delta < 0.15\%$	Temp. and humidity 40°C 90 - 95% R.H.add W.V. for 500H then keep 16H under room temp.
10.	Heat life test	Appearance : no damage IR : > 50% of Specified Value cap. Change : $\leq 3\%$ of initial value $\tan\delta < 0.15\%$	Add 120% of W.V. 85°C in chamber for 5,000H then keep under standard condition 2H.
11.	Storage conditions and duration Packaged capacitors should be kept in clean, ventilated, dry coffers, not near the heat source, not subject to direct sunlight, is strictly prohibited and chemical reagents, acid and harmful gas storage together. Capacitor at a temperature within the range 20 ~ 25 °C, humidity less than 50% of the state of storage for one year.		

8. Marking

a. Capacitance

b. Capacitance tolerance

d. Trading mark

AD 333J
1.2KV

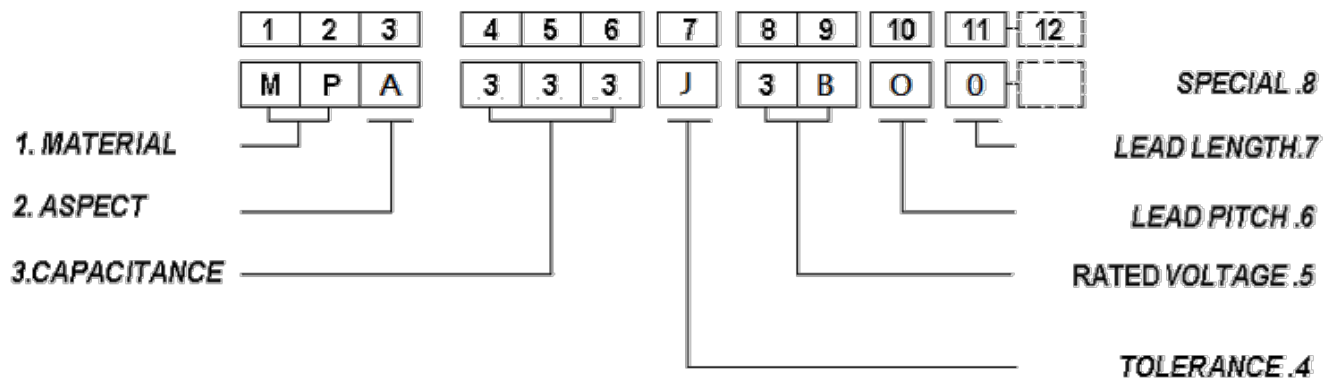
9. Terminal & Dimension

PART NO. (Example)	VOLTAGE	CAPACITANCE		DIMENSION			
		SYMBOL	μF	L	H	T	d
MPA333J3BO0	1200VDC	333	0.033	19.0	8.3	4.5	0.6

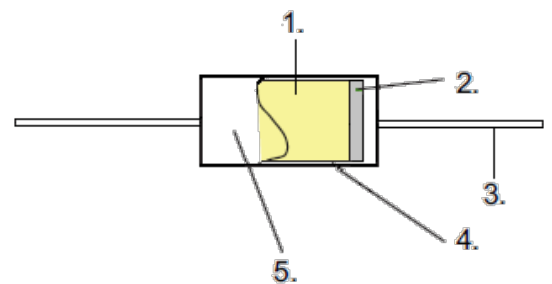
FLYiNG		臥式電容器規格書		
成品型號: MPA333J3BO0		版次: 0	日期: 2020/04/27	頁次: 5 of 6

10. PART NO.

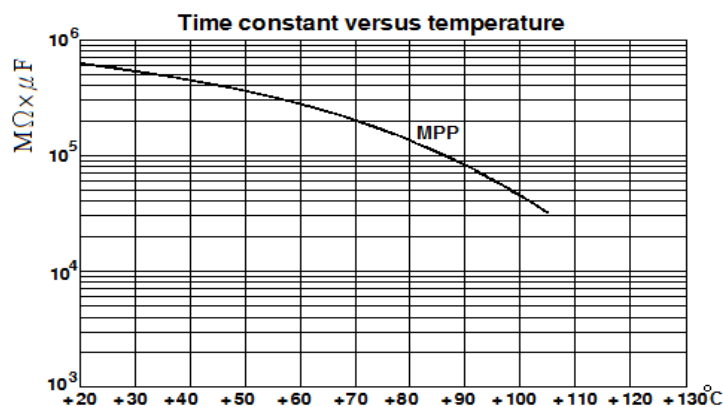
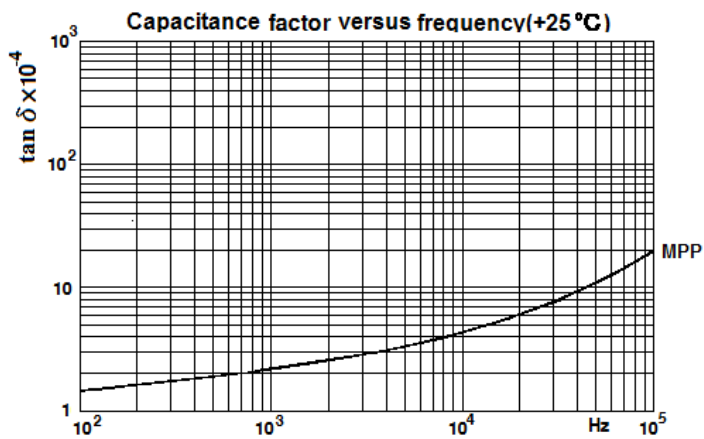
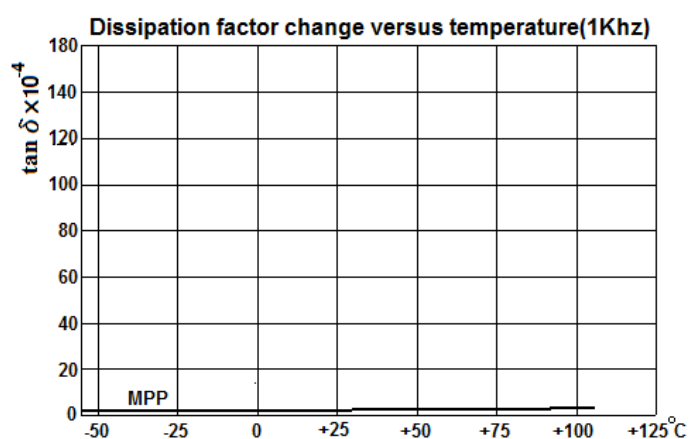
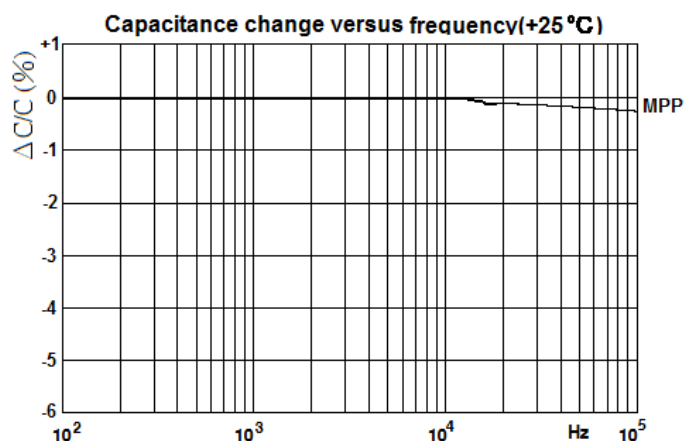
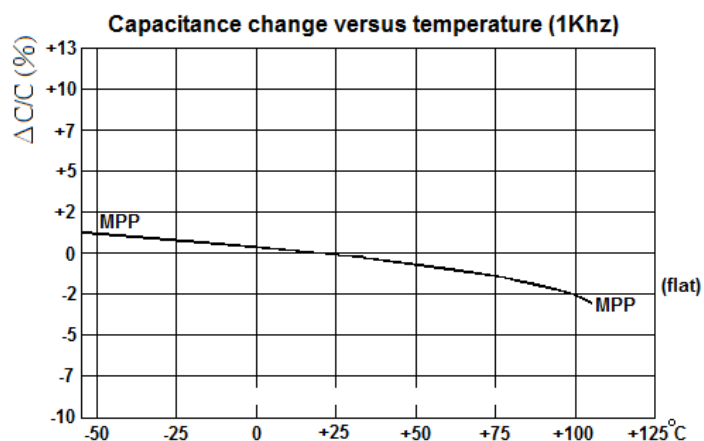
HOW TO ORDER(AID Computer CODE)



1.	DIELECTRIC	Metallized Polypropylene Film
2.	METAL SPRAY	Special Solder
3.	LEAD WIRE	Copper-clad Steel Wire
4.	INNER COATION	Inner Coating
5.	Insulating tape	Epoxy Resin



TEMPERATURE AND FREQUENCY CHARACTERISTICS



MPP= metallized polypropylene