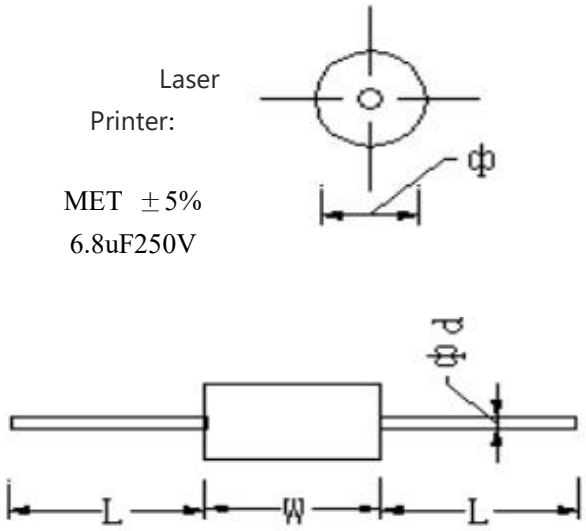
Metallized Polypropylene Film Capacitor（Axial-type）

（Specification）： MEA 6.8uF 250VDC +/-5%

Specifications		Outline
Reference Standard	GB/T3667-1 IEC60252-1	
Climate Type	40/125/21	
Temperature Range	-40℃~125℃	
Standard Capacity	6.8uF	
Capacitance Tolerance	J(±5%);K(±10%)	
Rated Voltage	250VDC	
Proof Voltage	400VDC (When the temperature above 85℃ but below 125℃, the rated voltage decreases by 1.25%UR/℃)	
Loss Tangent	≤0.008（20℃ 1KHz）	
IR Insulation Resistance (20℃ 1Min)	C_R≤0.33μF ≥10000MΩ	
	C_R>0.33μF ≥7500MΩ/uF	

PN	MET685J250DW32Y		Customer PN		
Dimension（mm）					
TYPE	W(±1.0mm)		D(±1.0mm)	Φd(±0.05)	L(±2.0mm)
685J250VDC	31		15.5	0.8	28
Remark	**Yellow flame retardant PET tape, potting sealed with yellow epoxy resin**				

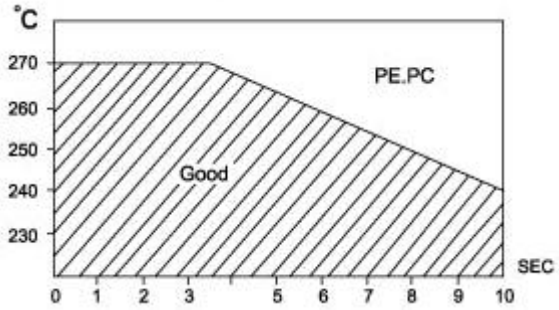
The test of Product Performance

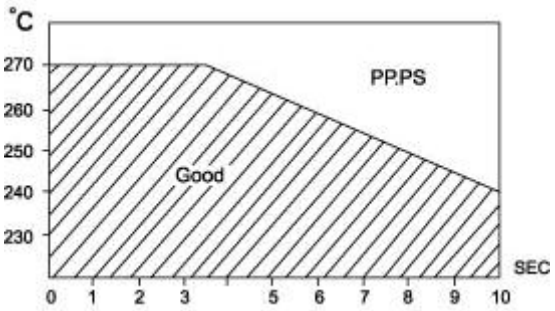
NO.	1	2	3	4	5	6	7	8	9	10	**Judgement Result**
Capacitance(uF)											Pass
Loss Tangent											Pass
Insulation Resistance											≧1200MΩ

Characteristics of Film Capacitor

1.

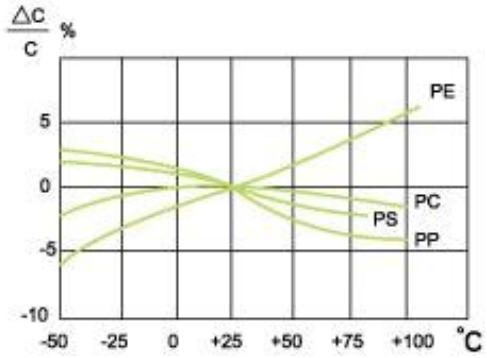
Soldering Temperature VS Time



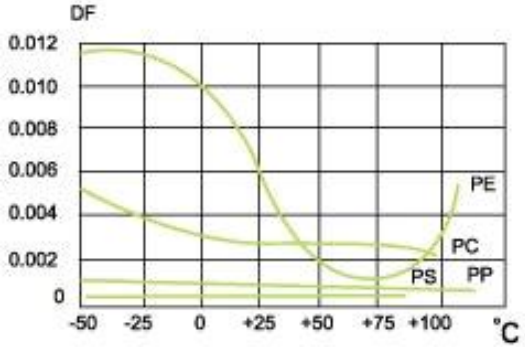


2.

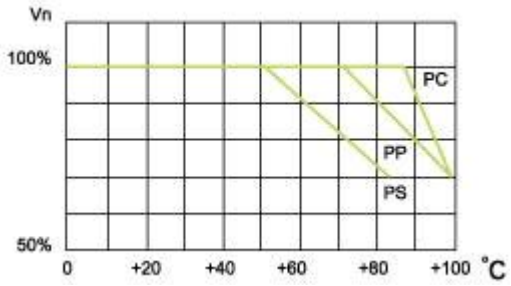
Temperature Characteristic



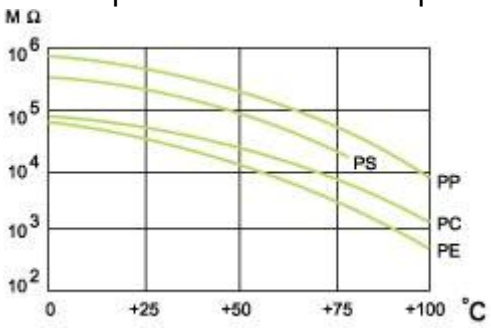
Capacitance vs. Temperature



Dissipation Factor vs. Temperature



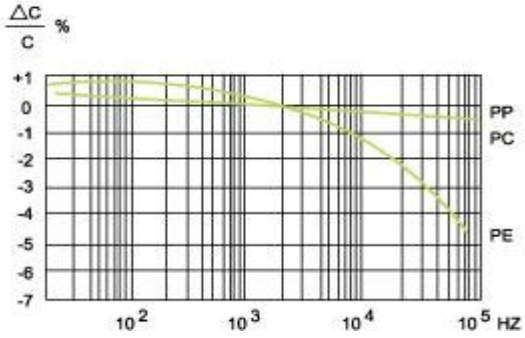
Operation voltage vs. Temperature



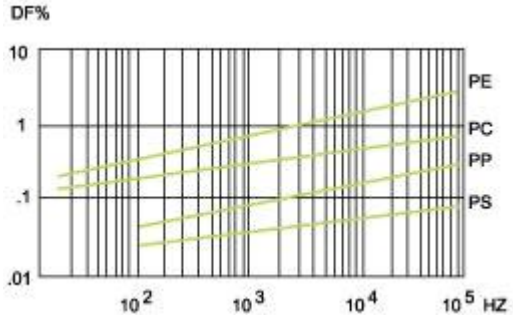
(CR value) IR vs. Temperature

3.

Frequency Characteristics



Capacitance vs. Frequency



Dissipation Factor vs. Frequenc