

**Capacitance Range:**

10PF, 12PF, 15PF, 18PF, 20PF, 22PF, 25PF, 27PF, 30PF, 33PF, 36PF, to 100PF.

CLASS I: Test at 1.0±0.2V **RMS**, +25°C and **1MHZ**

Capacitance Tolerance:

J: ±5% (NP0, SL)

K: ±10% (NP0, SL)

Operating Temperature:

NP0 (C0G), SL : -55°C to +125°C

Working Voltage:

3KV dc

Dielectric Strength:

6KV dc with 50mA max charging current.

Dissipation Factor:

NP0 (C0G), SL : 0.1% Max.

Insulation Resistance:

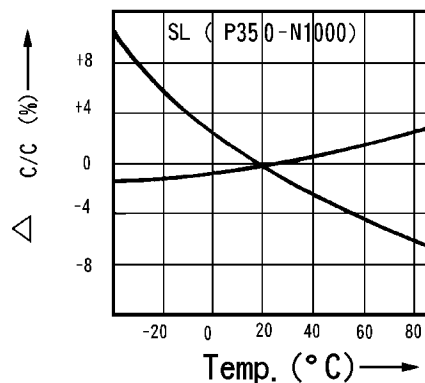
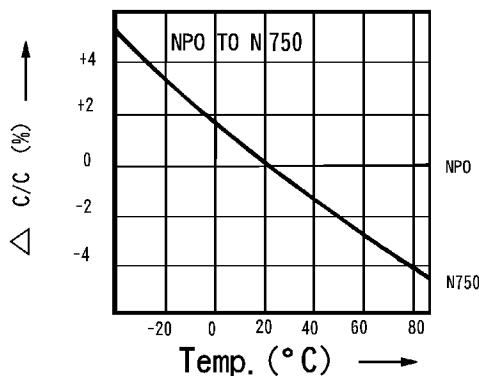
10,000 Megohms Min. at 500Vdc and 25°C

Application:

AC-DC Inverter, DC-AC Inverter, LCD Backlight Inverter.

RoHS:

Conform with RoHS 2002/95/EC.

Temperature Dependency of Capacitance:



Parts Number System

E	S	220	J	3F	7	7	1	C
1)	2)	3)	4)	5)	6)	7)	8)	9)

1) Coating:

E: Epoxy Coating

2)Temp. Char.:

C= NPO (C0G)

S= SL=P350-N1000

5)Rated Voltage:

3A= 1KV DC

3D= 2KV DC

3F= 3KV DC

3G= 4KV DC

3H= 5KV DC

3I= 6KV DC

3J= 8KV DC

4A= 10KV DC

7)Lead length:

7= 7.0±2.0mm

M= 10.0±2.0mm

L= <32mm

T= TAPING REEL

A= AMMO BOX

3)Capacitance:

050=5x1=5PF

220=22x1=22PF

101=10x10=100PF

6)Lead Space:

5= 5.00±1.0mm

6= 6.35±1.0mm

7= 7.50±1.0mm

9= 9.50±1.0mm

8) Lead Style:

1= Straight type

$\varphi = 0.60 \pm 0.05 \text{mm}$

7= Inside kink type

$\varphi = 0.60 \pm 0.05 \text{mm}$

4)Tolerance:

C= ±0.25PF

D= ±0.5PF

J= ±5%

K= ±10%

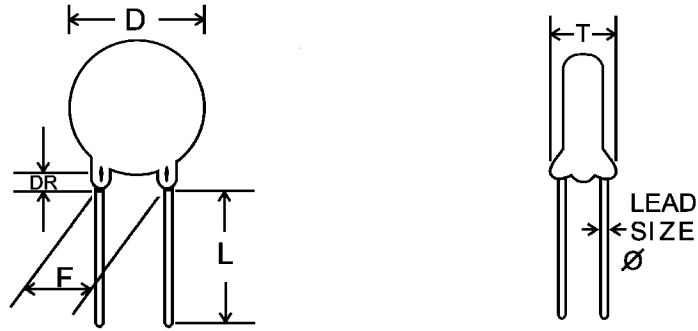
9)Mark

C= 22J (Capacitance)

3KV (Voltage)



PART LIST



CUSTOMER P/N	EASE P/N	CAP. (PF)	TOL. %	Working Voltage	T.C.	Dimension: mm					
						D. Max.	F. ±1	L. ±2	DR	L.S. ±0.05	T.
	ES100J3F771C	10	±5	3KV	SL	6.5	7.5	7.0	<3.0	0.6	< 6
	ES120J3F771C	12				6.5					
	ES150J3F771C	15				6.5					
	ES180J3F771C	18				6.5					
	ES200J3F771C	20				6.5					
	ES220J3F771C	22				6.5					
	ES250J3F771C	25				7.0					
	ES270J3F771C	27				7.0					
	ES300J3F771C	30				7.0					
	ES330J3F771C	33				7.0					
	ES360J3F771C	36				7.0					
	ES390J3F771C	39				7.0					
	ES470J3F771C	47				8.0					
	ES560J3F771C	56				8.0					
	ES680J3F771C	68				9.0					
	ES820J3F771C	82				10.0					
	ES101J3F771C	100	10.0								