



Safety Standard Recognized Ceramic Capacitor

Application: Across the Line, Antenna Coupling and line by Pass.

Capacitance Range: 100PF to 10000PF

Test at 1.0±0.2V **RMS** +25°C and **1KHZ**

Capacitance Tolerance:

K: ±10%

M: ±20%

Working Voltage:

UL,CUL,CSA: 250VAC

VDE, FIMKO, NEMKO, SEMKO, DEMKO, SEV: 400VAC, 250VAC

Dielectric Strength:

2600VAC For 60 Seconds

Dissipation Factor:

B (Y5P), E (Y5U): 2.5% max., test at 1.0±0.2VRMS,25°C at 1KHZ.

F (Y5V): 5.0% Max., test at 1.0±0.2VRMS,25°C at 1KHZ.

Insulation Resistance:

10,000 Megohms min at 500VDC

Temperature Characteristics:

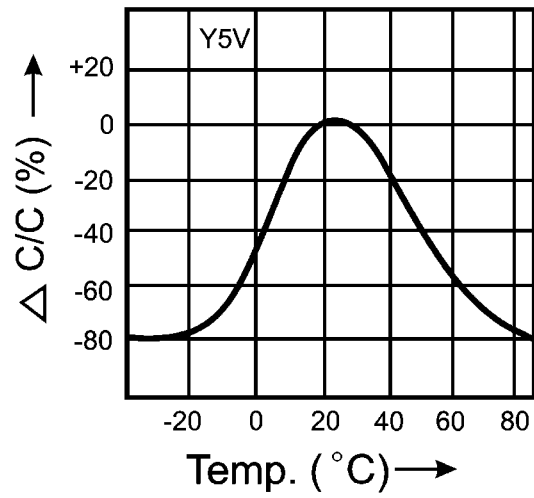
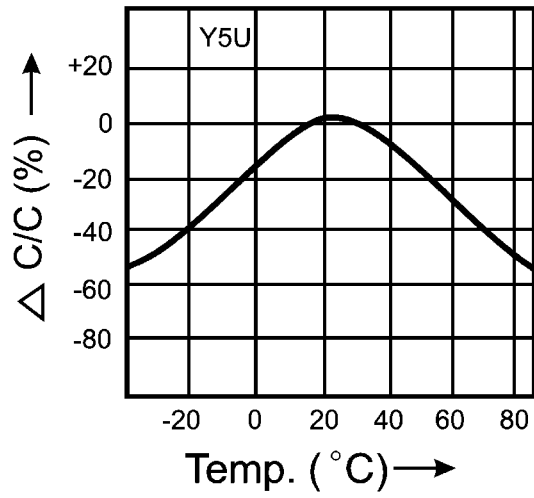
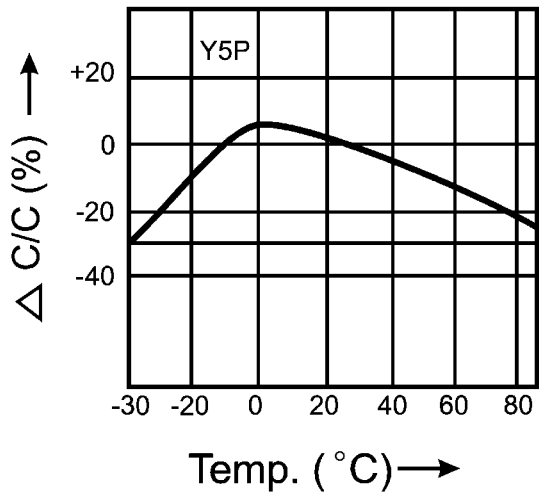
T.C.	Cap. Change	Temp. Range
B (Y5P)	±10%	-25°C to +85°C
E (Y5U)	+22-56%	-25°C to +85°C
F (Y5V)	+22-82%	-25°C to +85°C

Humidity Test:

Capacitance Change	T.C.	Capacitance Change	Capacitors shall be subjected to a temperature of 40±2°C and relative humidity between 90-95% for 500±12 hours. And maintained at normal temperature and humidity for a period of 4-24 hours.
	Y5P	10% max	
	Y5U	20% max	
	Y5V	30% max	
D.F.	T.C.	Dissipation Factor:	
	Y5P	5.0% max	
	Y5U	5.0% max	
	Y5V	7.5% max	

RoHS:

Conform with RoHS 2002/95/EC.





APPROVAL STANDARD AND FILE NO.:

Agencies	Standard No.	Recognized File No.	Class & W.V.	Capacitance Values
UL	UL1414	E189495	AC250V	101-103
CUL	UL1414	E189495	AC250V	101-103
CSA	C22.2 NO.1	LR111381-1	AC250V	101-103
VDE	IEC384-14 2 nd Ed.1993 EN132 400:1994	104855	X1:400V Y2:250V	101-103
FIMKO	IEC384-14 2 nd Ed.1993 EN132 400:1994	FI196796	X1:400V Y2:250V	101-103
SEMKO	IEC384-14 2 nd Ed.1993 EN132 400:1994	9741064/01-02	X1:400V Y2:250V	101-103
NEMKO	IEC384-14 2 nd Ed.1993 EN132 400:1994	P97102472	X1:400V Y2:250V	101-103
DEMKO	IEC384-14 2 nd Ed.1993 EN132 400:1994	307053	X1:400V Y2:250V	101-103
SEV	IEC384-14 2 nd Ed.1993 EN132 400:1994	97,7 70742,01	X1:400V Y2:250V	101-103



Parts Number System

<u>E</u>	<u>B</u>	<u>101</u>	<u>K</u>	<u>2V</u>	<u>7</u>	<u>L</u>	<u>1</u>	<u>K</u>
1)	2)	3)	4)	5)	6)	7)	8)	9)

1) Coating: E: Epoxy Coating

6)Lead Space: 5= 5.0mm

7= 7.5mm

9= 9.5mm

2)Temp. Char.: B= Y5P

E= Y5U

F= Y5V

7)Lead length: L= 25mm

M= 10mm

5= 5mm

T= Taping Reel

A= AMMO BOX

3)Capacitance: 101=10x10=100PF

102=10x100=1,000PF

103=10x1000

= 10,000PF

8) Lead Style: 1= Straight type

4= Outside kink type

7= Inside kink type

4)Tolerance: K= $\pm 10\%$

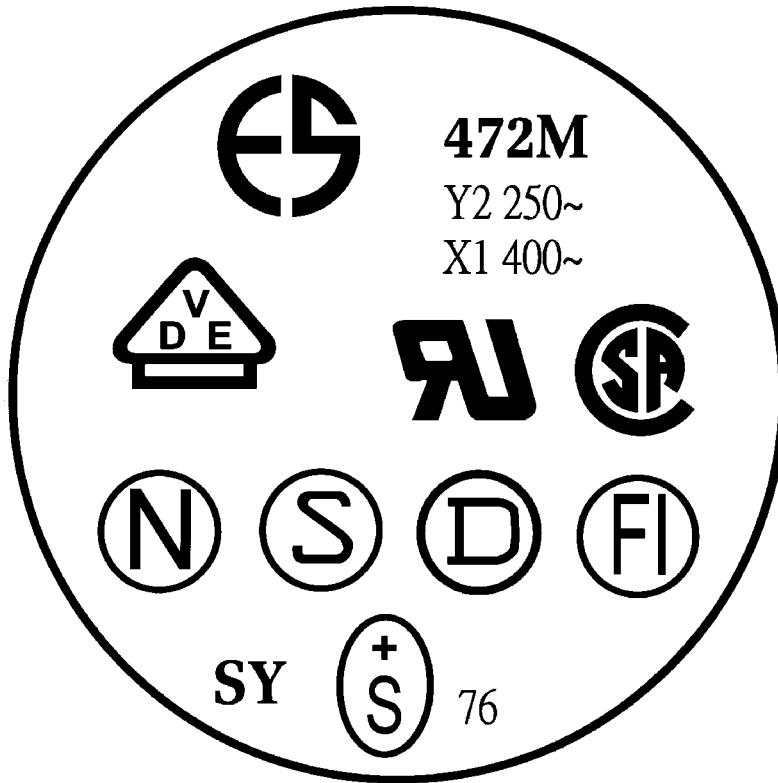
M= $\pm 20\%$


9)Mark

K= Standard Marking

5)Rated 2T= 250VAC

Voltage: 2V= 400VAC



 : The mark of EASE ELECTRONICS CO.,LTD.

472 : Capacitance ,EX. 472=47x100=4700(PF)

M : Capacitance Tolerance , EX. M=±20%

76 : Date Code

7: Last digit of ERA

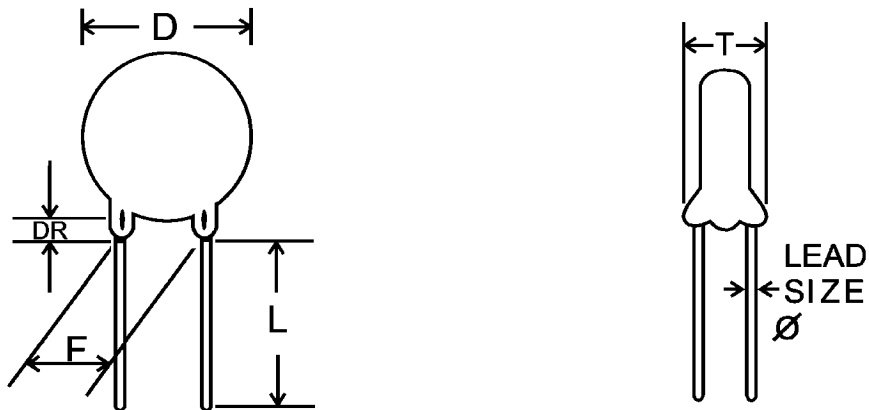
6: Month Jan, Feb, Mar..... Sep=1,2,3.....9

Oct= O

Nov= N

Dec= D

SY : Type Designation



R.V.	CAP.	TOL. %	T.C.	D. mm (Max.)	F. ±1.0mm	L. mm	DR mm.	L.S. ±0.05 mm	T. mm
250Vac	101K	±10	Y5P	7	5 / 7.5	< 32	<3.5	0.6	< 7
	151K	±10	Y5P	7	5 / 7.5				
	221K	±10	Y5P	8	5 / 7.5				
	331K	±10	Y5P	8	5 / 7.5				
	471K	±10	Y5P	9	5 / 7.5				
400Vac	681K	±10	Y5P	9	5 / 7.5				
	102K	±10	Y5P	10	5 / 7.5				
	681M	±20	Y5U	8	5 / 7.5				
	102M	±20	Y5U / Y5V	8 / 7	5 / 7.5				
	152M	±20	Y5U / Y5V	9 / 8	5 / 7.5				
	222M	±20	Y5U / Y5V	10 / 9	7.5 / 9.5				
	332M	±20	Y5U / Y5V	12 / 10	7.5 / 9.5				
472M	±20	Y5U / Y5V	14 / 12	7.5 / 9.5					
	103M	±20	Y5V	18	7.5 / 9.5				