



奇彥企業有限公司

Hitano Enterprise Corp.

承認書

RoHS Compliant
RoHS 2002/95/EC

APPROVED SHEET

Safety Ceramic Capacitors

PART NUMBER : EF102M2V7L1K

FILE NUMBER : B601604121

承認章 APPROVED BY

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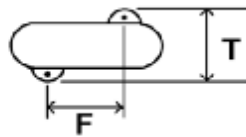
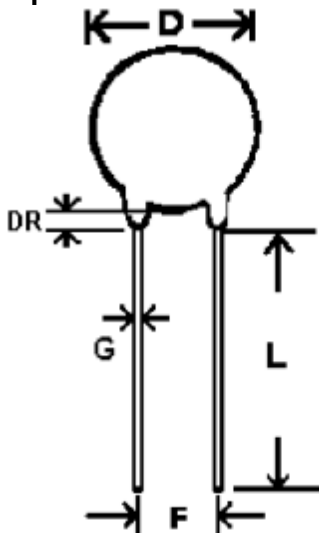


Product Specification

REF NO: B601604121

Part Number 料 號	EF102M2V7L1K		Drawn By 經 手 人	Hunter Lee	
P/C Approved 生管確認	Fannie Huang		Q.A. Approved 品保確認	Jason Teng	
Capacitance 電 容 值	1,000 PF	Tolerance 允 差	±20%	Work. Volt 工作電壓	X1: 440/400 VAC Y2: 300/250 VAC
D.F (Q) 消 散 係 數	5.0% MAX	1K	Hz	Test Volt 測 試 電 壓	2,600 VAC
I.R. 絕 緣 電 阻	10K	MΩ MIN AT	500 VDC	T.C. 溫 度 特 性	Y5V

Shapes :



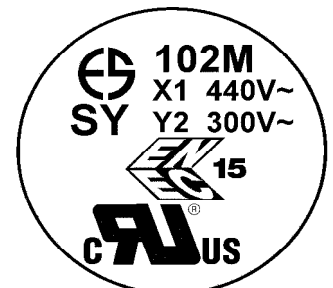
D	8.0 mm (MAX)
L	25.0mm (Approx.)
T	5.0 mm (MAX)
F	7.5±1.0 mm
G	0.6±0.1 mm
Ho	
H1	
DR	3.0 mm(MAX)

Material 材 料	
PACKAGE 包 裝	[] 帶裝 Taping [*] 散裝 Bulk
Packing Q'ty 包 裝 數 量	[*] 1000 PCS/BAG [] 2000 PCS/REEL

Remark :

RoHS Compliant (2002/95/EC)
Epoxy Coating
Color : BLUE
Operating Temperature Range: -25~+125°C

Marking :



Safety Standard Recognized Ceramic Capacitor

Capacitance Range: 100PF to 10000PF
Test at 1.0±0.2V RMS +25°C and 1KHZ

Capacitance Tolerance:

K: ±10%
M: ±20%

Operating Temperature:
-25°C to +125°C

Working Voltage:
X1:440VAC Y2:300VAC (UL, CUL, ENEC-UL)

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 Mega Ohms min at 500VDC

Temperature Characteristics:

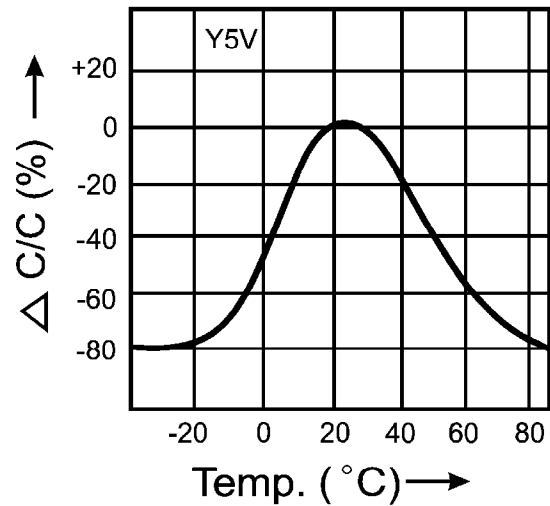
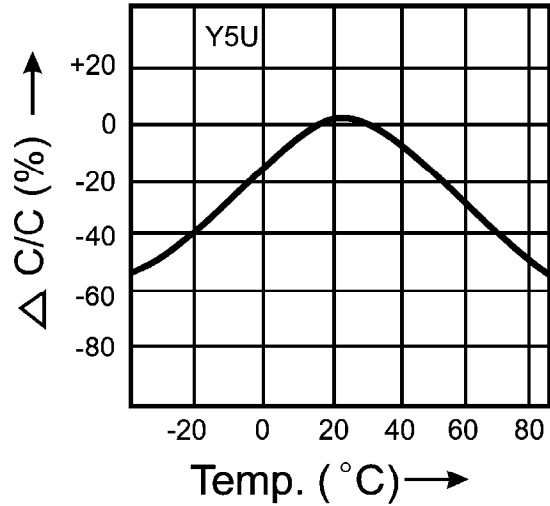
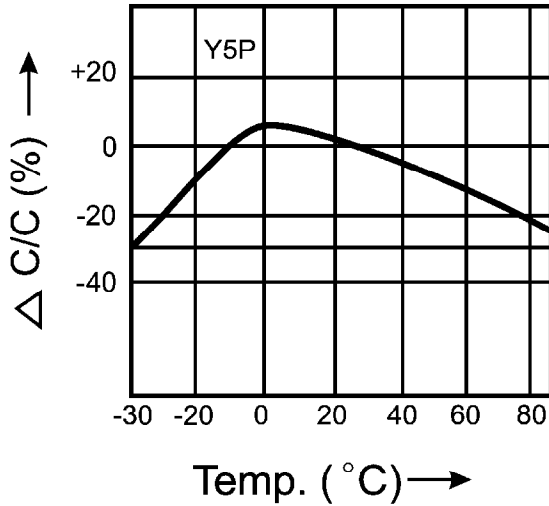
T.C.	Cap. Change	Temp. Range
B (Y5P)	±10%	-25°C to +85°C
E (Y5U)	+22-56%	-25°C to +85°C
F (Y5V)	+22-82%	-25°C to +85°C

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	Region
UL	UL60384-14	20131216-E189495	X1:440Vac Y2:300Vac	101-103	USA
CUL	CSA 60384-14:09	20131216-E189495	X1:440Vac Y2:300Vac	101-103	Canada
ENEC	EN 60384-14:2005-08	ENEC-00799	X1:440Vac Y2:300Vac	101-103	Eu rope

Parts Number System

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

- 1) Coating:** E: Epoxy Coating
- 2)Temp. Char.:** B= Y5P
 E= Y5U
 F= Y5V
- 3)Capacitance:** 101=10x10=100PF
 102=10x100=1,000PF
 103=10x1000
 = 10,000PF
- 4)Tolerance:** K= ±10%
 M= ±20%
- 5)Rated Voltage:** X1: 440VAC
 2V= Y2: 300VAC
- 6)Lead Space:** 5= 5.0mm
 7= 7.5mm
 9= 9.5mm
- 7)Lead length:** L= 25mm
 M= 10mm
 S= 5mm
 T= Taping Reel
 A= AMMO BOX
- 8) Lead Style:** 1= Straight type
- 9)Mark** K= Standard Marking



 : The mark of Manufacture.

222 : Capacitance ,EX. 222=22x100=2200(PF)

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

56 : Date Code

5: Last digit of ERA

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

Oct= O

Nov= N

Dec= D

SY : Type Designation