

嘉耐股份有限公司  
**JYA NAY CO., LTD.**

安全規格認證型陶瓷電容器

**Safety standard certified ceramic capacitor**

**JNA TYPE(Y1:400V)**

**X1:440V Y1:400V**

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<b>JNC</b>	<b>Safety Standard Recognized Ceramic Capacitor</b>
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1. This specification is applied to following Safety Standard Recognized Ceramic Capacitor for Electronics Appliance.

TUV / ENEC18

X1, Y1 Class based on IEC/EN 60384-14 2013

UL /CSA

X1, Y1 Class based on CAN/ANSI/UL 60384-14

2. Approval Standard and Recognized No.

	Standard No.	Certificate No.	Rated Voltage
UL/CSA	UL 60384-14	E201384	X1:440V AC Y1:400V AC
TUV	IEC/EN 60384-14 2013	R50232059	
ENEC 18	EN 60384-14 2013	HN 69250774	
CQC	IEC 60384-14	CQC13001087291	

3. Part No.

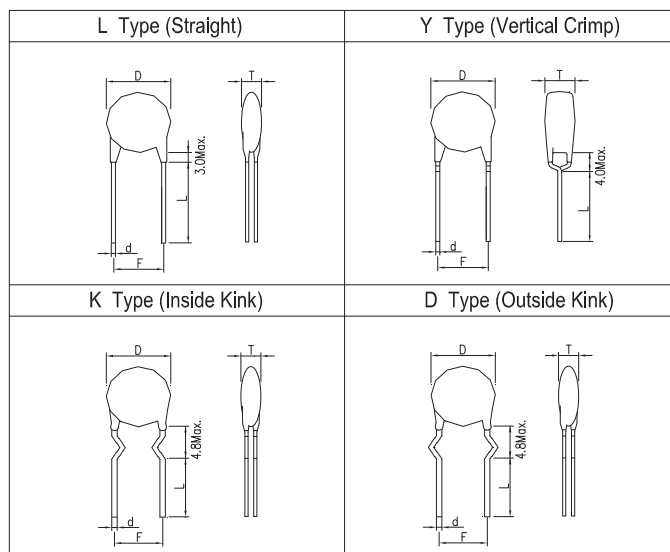
Ex.

JNA	09	B	221	K	Y	0	2	N
Type	Body Dia.	T.C.	Nominal Capacitance	Capacitance Tolerance	Lead Style	Lead Spacing	Lead Length	RoHS
X1:440V AC		E:Y5U		J:±5%	L	0:10mm	2:25 mm Min.	H:HF
Y1:400V AC		F:Y5V		K:±10%	Y	1:12.5mm	3:3.5±1 mm	N:RoHS
		B:Y5P		M:±20%	K		5:5±1 mm	
		SL:SL			D		T1/T2:Taping Box R1/R2:Taping Reel	

4. Rating

4.1 Operating Temperature:25/125/21

4.2 Lead Style:



*JNC*

Safety Standard Recognized Ceramic Capacitor

Marking:

1. Company Name Code : JNC

2. Type Designation : JN

Ex.

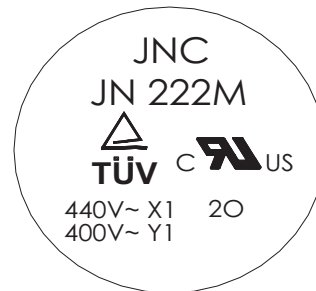
3. Nominal Capacitance: 3-digit-system

4. Capacitance Tolerance: Code

5. Manufactured Date: Abbreviation

Ex. 2012

_____1(January)	21
_____2(February)	22
:                  :	:
_____10(October)	20
_____11(November)	2N
_____12(December)	2D



20\*:

\*:NONE Made in Taiwan

\*:C Made in Dongguan

6. Approval Mark:

TUV Approval Mark:



CUL Approval Mark:



ENEC Approval Mark:



EN/UL 60384-14 CLASS CODE: X1, Y1

Rated Voltage Mark: 440V~ , 400V~

**JNC**

**Safety Standard Recognized Ceramic Capacitor X1,Y1**

**Part Numbering**

**JNA Type-Class X1: 440VAC, Y1: 400VAC**

Part Number	Temp. Char.	Cap. (PF)	Cap. Tol. (%)	Dimensions(Unit:mm)				AC Tested Vol. V(r.m.s.)
				D (Max.)	F (±1.0)	T (Max.)	φ d	
JNA09SL080K□□□□	SL	8	±5% ±10%	9.0	10.0	6.0	0.60±0.1	4000
JNA09SL100K□□□□		10						
JNA09SL150K□□□□		15						
JNA09SL220K□□□□		22						
JNA10SL330K□□□□		33						
JNA10SL390K□□□□		39						
JNA11SL470K□□□□		47						
JNA11SL560K□□□□		56						
JNA12SL680K□□□□		68						
JNA09B080K□□□□		B (Y5P)						
JNA09B100K□□□□	10							
JNA09B150K□□□□	15							
JNA09B220K□□□□	22							
JNA09B330K□□□□	33							
JNA09B390K□□□□	39							
JNA09B470K□□□□	47							
JNA09B560K□□□□	56							
JNA09B680K□□□□	68							
JNA09B101K□□□□	100							
JNA09B151K□□□□	150							
JNA09B181K□□□□	180							
JNA09B221K□□□□	220							
JNA09B331K□□□□	330							
JNA09B361K□□□□	360							
JNA09B391K□□□□	390							
JNA09B421K□□□□	420							
JNA09B471K□□□□	470							
JNA10B561K□□□□	560							
JNA10B681K□□□□	680							
JNA12B102K□□□□	1000							
JNA09E102M□□□□	E (Y5U)	1000	±20%	9.0	12.5	6.0	0.60±0.1	4000
JNA11E152M□□□□		1500		11.0				
JNA12E222M□□□□		2200		12.0				
JNA14E332M□□□□		3300		14.0				
JNA15E392M□□□□		3900		15.0				
JNA15E472M□□□□		4700		15.0				
JNA09F102M□□□□	F (Y5V)	1000	±20%	9.0	12.5	6.0	0.60±0.1	4000
JNA09F152M□□□□		1500		9.0				
JNA10F222M□□□□		2200		10.0				
JNA12F332M□□□□		3300		12.0				
JNA13F392M□□□□		3900		13.0				
JNA14F472M□□□□		4700		14.0				