# 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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| *JNC* | Safety Standard Recognized Ceramic Capacitor |
|---|---|

1. This specification is applied to following Safety Standard Recognized Ceramic Capacitor for Electronics Appliance.

TUV

X1, Y1 Class baned on IEC/EN 60384-14 2013+A1

UL /CSA/CQC

X1, Y1 Class baned on IEC: 60384-14:2013+AMD1:2016

2. Approval Standard and Recognized No.

| | Standard No. | Certificate No. | Rated Voltage |
|---|---|---|---|
| UL/CSA | IEC60384-14:2013/AMD1:2016 | E201384 | X1:440V AC<br>Y1:400V AC |
| TUV | IEC/EN 60384-14 2013+A1 | R50232059 | |
| CQC | IEC60384-14:2013+AMD1:2016 | CQC13001087291 | |
| | | | |

3. Part No.

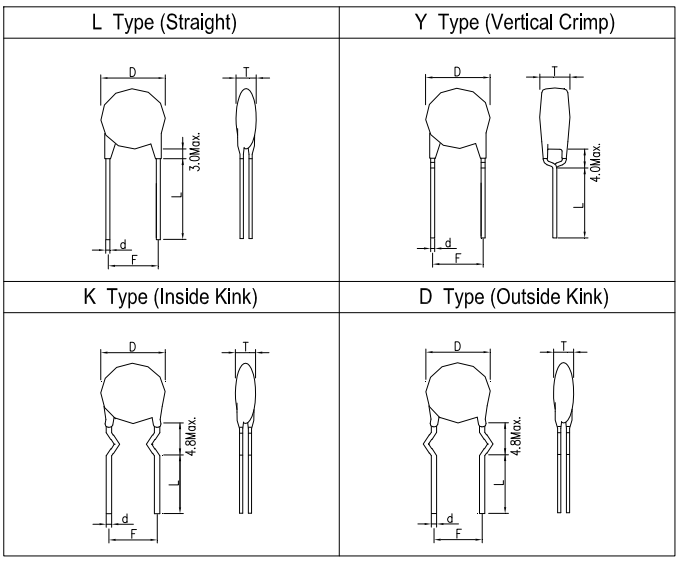
Ex.

| 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:40/125/21

4.2 Lead Style:



| *JNC* | Safety Standard Recognized Ceramic Capacitor |
|---|---|

Marking:

1. Company Name Code : JNC

2. Type Designation : JN

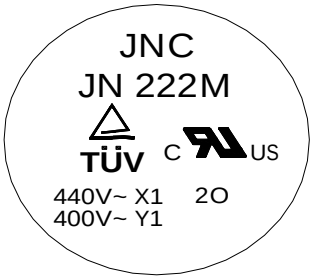
3. Nominal Capacitance: 3-digit-system

4. Capacitance Tolerance: Code

5. Manufactured Date: Abbreviation
   Ex. 2012

| | | |
|---|---|---|
| ——— | 1(January) | 21 |
| ——— | 2(February) | 22 |
| : | : | : |
| ——— | 10(October) | 2O |
| ——— | 11(November) | 2N |
| ——— | 12(December) | 2D |

Ex.




2O*:

*:NONE Made in Taiwan

*:C Made in Dongguan

6. Approval Mark:

TUV Approval Mark: TÜV

CUL Approval Mark: c US

EN/IEC 60384-14:2013+A1 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 12.5 | 6.0 | 0.60±0.1 | 4000 |
| JNA09SL100K□□□□ | | 10 | | | | | | |
| JNA09SL150K□□□□ | | 15 | | | | | | |
| JNA09SL220K□□□□ | | 22 | | | | | | |
| JNA10SL330K□□□□ | | 33 | | 10.0 | | | | |
| JNA10SL390K□□□□ | | 39 | | 10.0 | | | | |
| JNA11SL470K□□□□ | | 47 | | 11.0 | | | | |
| JNA11SL560K□□□□ | | 56 | | 11.0 | | | | |
| JNA12SL680K□□□□ | | 68 | | 12.0 | | | | |
| JNA09B080K□□□□ | B (Y5P) | 8 | ±10% | 9.0 | | | | |
| 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 | | | | | | |
| JNA09B471K□□□□ | | 470 | | | | | | |
| JNA10B561K□□□□ | | 560 | | 10.0 | | | | |
| JNA10B681K□□□□ | | 680 | | 10.0 | | | | |
| JNA12B102K□□□□ | | 1000 | | 12.0 | | | | |
| JNA09E102M□□□□ | E (Y5U) | 1000 | ±20% | 9.0 | | | | |
| JNA11E152M□□□□ | | 1500 | | 11.0 | | | | |
| JNA12E222M□□□□ | | 2200 | | 12.0 | | | | |
| JNA14E272M□□□□ | | 2700 | | 14.0 | | | | |
| JNA14E332M□□□□ | | 3300 | | 14.0 | | | | |
| JNA15E392M□□□□ | | 3900 | | 15.0 | | | | |
| JNA15E472M□□□□ | | 4700 | | 15.0 | | | | |
| JNA09F102M□□□□ | F (Y5V) | 1000 | ±20% | 9.0 | | | | |
| JNA09F152M□□□□ | | 1500 | | 9.0 | | | | |
| JNA10F222M□□□□ | | 2200 | | 10.0 | | | | |
| JNA12F332M□□□□ | | 3300 | | 12.0 | | | | |
| JNA13F392M□□□□ | | 3900 | | 13.0 | | | | |
| JNA14F472M□□□□ | | 4700 | | 14.0 | | | | |