

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

TUV / ENEC18

X1, Y1 Class based on EN 60384-14 2005

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 Y1:250V AC
TUV	EN 60384-14 2005	R50232059	
ENEC 18	EN 60384-14 2005	HN 69242987	

3. Part No.

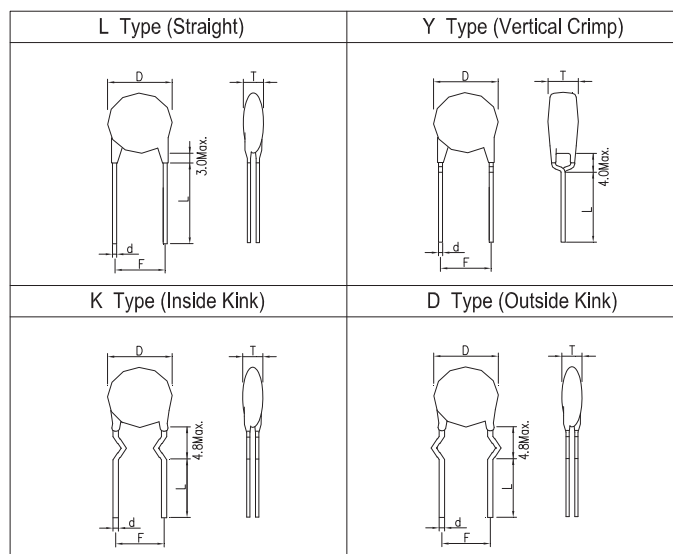
Ex.

JN	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
Y1:250V 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	
		S: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

3. Nominal Capacitance: 3-digit-system

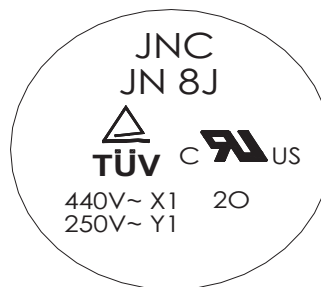
4. Capacitance Tolerance: Code

5. Manufactured Date: Abbreviation

Ex. 2012

_____	1(January)	21
_____	2(February)	22
_____	:	:
_____	10(October)	20
_____	11(November)	2N
_____	12(December)	2D

Ex.



20*:

*:NONE Made in Taiwan

*:C Made in Dongguan

*:H Made in Nanjing

6. Approval Mark:

TUV Approval Mark:



CUL Approval Mark:



ENEC Approval Mark:
(On the Label)



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

Rated Voltage Mark: 440V~, 250V~

JNC

Safety Standard Recognized Ceramic Capacitor X1,Y1

Part Numbering

JN Type-Class

X1: 440VAC, Y1: 250VAC

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	
JN09SL080K□□□□	SL	8	±5% ±10%	9.0	10.0 12.5	8.0	0.60±0.1	4000
JN09SL100K□□□□		10						
JN09SL150K□□□□		15						
JN09SL220K□□□□		22						
JN10SL330K□□□□		33						
JN10SL390K□□□□		39						
JN11SL470K□□□□		47						
JN11SL560K□□□□		56						
JN12SL680K□□□□		68						
JN09B080K□□□□		B (Y5P)						
JN09B100K□□□□	10							
JN09B150K□□□□	15							
JN09B220K□□□□	22							
JN09B330K□□□□	33							
JN09B390K□□□□	39							
JN09B470K□□□□	47							
JN09B560K□□□□	56							
JN09B680K□□□□	68							
JN09B101K□□□□	100							
JN09B151K□□□□	150							
JN09B181K□□□□	180							
JN09B221K□□□□	220							
JN09B331K□□□□	330							
JN09B361K□□□□	360							
JN09B391K□□□□	390							
JN09B421K□□□□	420							
JN09B471K□□□□	470							
JN10B561K□□□□	560		10.0					
JN10B681K□□□□	680		10.0					
JN12B102K□□□□	1000	12.0						
JN09E102M□□□□	E (Y5U)	1000	±20%	9.0	10.0 12.5	8.0	0.60±0.1	4000
JN11E152M□□□□		1500		11.0				
JN12E222M□□□□		2200		12.0				
JN14E332M□□□□		3300		14.0				
JN15E392M□□□□		3900		15.0				
JN15E472M□□□□		4700		15.0				
JN09F102M□□□□	F (Y5V)	1000	±20%	9.0	10.0 12.5	8.0	0.60±0.1	4000
JN09F152M□□□□		1500		9.0				
JN10F222M□□□□		2200		10.0				
JN12F332M□□□□		3300		12.0				
JN13F392M□□□□		3900		13.0				
JN14F472M□□□□		4700		14.0				