

EDCON-COMPONENTS



Approval Standard and Recognized No.

Certificated Body	Related Standard	Certificated Number	AC Rated Voltage
UL	UL1414	E201384	JN Type:Class X1=440VAC 250VAC
CSA	C222 NO1	LR 113866-3	
FIMKO	ENI32400 1994 1EC384-14 2nd Edition (1993) (1EC60384-12 2nd Edition) Reinforced Body Insolation /0,4mm min Approved by TÜV (Type JN, JY)	F1 13328	Y1:250VAC 250VAC
DEMKO		F1 16191	
SEMKO		FK99-02340	Y2:250VAC 250VAC
NEMKO		310369-01	
SEV		9924072/01-04	
TÜV		0101134/01-02	
CHINA		P99101467	Y2:250VAC 250VAC
		P01100031	
		99,770382,01	JR Type:Class X1=400VAC 250VAC
		10.311	
	50232059	Y2:250VAC 250VAC	
	50232061		
	CH0061234-2001	Y2:250VAC 250VAC	
	CH0061235-2001		

Characteristics	Type JN	Type JY	Type JR
Capacitance Range	100pf to 4700pf	100pf to 10000pf	5,1pf to 1500pf
Operating Temperature Range	-25°C ~ +125°C	Y5P, Y5V. -25°C to +85°C 25°C to + 125°C	Y5U: -55°C ~ +125°C
Rated Voltage	X1: 440VAC Y1: 250VAC	X1: 400VAC Y2: 250VAC	X1: 400VAC Y2: 250VAC
Dielectric Withstanding Voltage	4000VAC for 1 minute	2600VAC for 1 minute	2600VAC for 1 minute
Capacitance	With in the specivied 01 eranve when mesas ured at 1KHz ±20% (Y5P, Y5U, Y5V, X7R), 1MHz ±20% (COG), 1Vrms and 25°C		
Dissipation Factor (tan Δ)	tan ≤2,5% for Char. Y5P, Y5U, Y5V, X7R, when measured at 1KHz ±20% 1Vrms and 25°C Q fac ≥600 f. char COG w. meas at 1Mhz ±20% 1Vrms /25°C		
Insulation Resistance	10,000MΩ min at 500VDC		

**Class X1/Y2 Rad. 250VAC /
440VAC Capacitor**

Part No.: **I22004**

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Specification JN Type Class X1,Y1

Cap Code	Temp. Char.	Cap (pf)	Cap Tol.	D (max.mm)	F (mm)	T (max.mm)	Ø d (mm)
101	B (Y5P) ±10%	100	±10%	9,0	10	8	0,65 ±0,05
151		150					
221		220					
331		330					
471		470					
680		680					
102	E (Y5U) +20% / -55%	1000	±20%	9,0	10	8	0,65 ±0,05
152		1500		11,0			
222		2200		12,0			
332		3300		14,0			
392		3900		15,0			
472		4700		16,0			

Specification JR Type Class X1,Y2

Cap Code	Temp. Char.	Cap (pf)	Cap Tol.	D (max.mm)	F (mm)	T (max.mm)	Ø d (mm)
1R0	COG	1,0	±15%	8,0	7,5	7	0,65 ±0,05
5R1	B (Y5P) ±10%	5,1	±2,5pf				
100		10					
150		15					
180		18					
220		22					
101		R (X7R) +15%	100				
151	150						
221	220						
331	330						
471	470		9,0				
561	560		9,5				
681	680		10,0				
102	1000		11,0				
151	1500		14,0				

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Specification JY Type Class X1,Y2

Cap. Code	Temp. Char.	Cap (pf)	Cap Tol.	D (max.mm)	F (mm)	T (max.mm)	Ø d (mm)		
101	B (Y5P) ±10%	100	±10%	8,0	7,5	8	0,65 ±0,05		
151		150							
221		220							
331		330							
471		470							
561		560							
681		680							
102		1000							
102		1000						±20%	8,0
152		1500							
222	2200	10,0							
252	2500	11,0							
332	3300	12,0							
392	3900	13,0							
472	4700	14,0							
102	1000	±20%	8,0						
151	1500			9,0					
222	2200			9,0					
332	3300			10,0					
392	3900			11,0					
472	4700			12,0					
103	10000			16,0	10				

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Ordering Informations

Serie	Range Code (pf)	Cap. Class	Material Code	Tol. Code	Lead Style	Pitch code	Lead Length	ROHS	Packing	
I22004	-	101	JY	B	A	A	LL	R	BU	

look Table	JN= X1,Y1	B= Y5P	A= 2,5pf	A= Straight Lead	A= Pitch 7,5mm	LL= Long Lead	R= ROHS Conform	BU= Bulk-Ware
	JY= X1,Y2	E= Y5U	L= ±15%	B= Kinked Lead	B= Pitch 10mm	L5= Lead length 5mm	N= NON ROHS Conform	TA= Tape Ammopak
	JR= X1,Y2	F= Y5V	K= ±10%					TR= Tape/Reel
		R= X7R	M= ±20%					

Class X1/Y2 Rad. 250VAC / 440VAC Capacitor

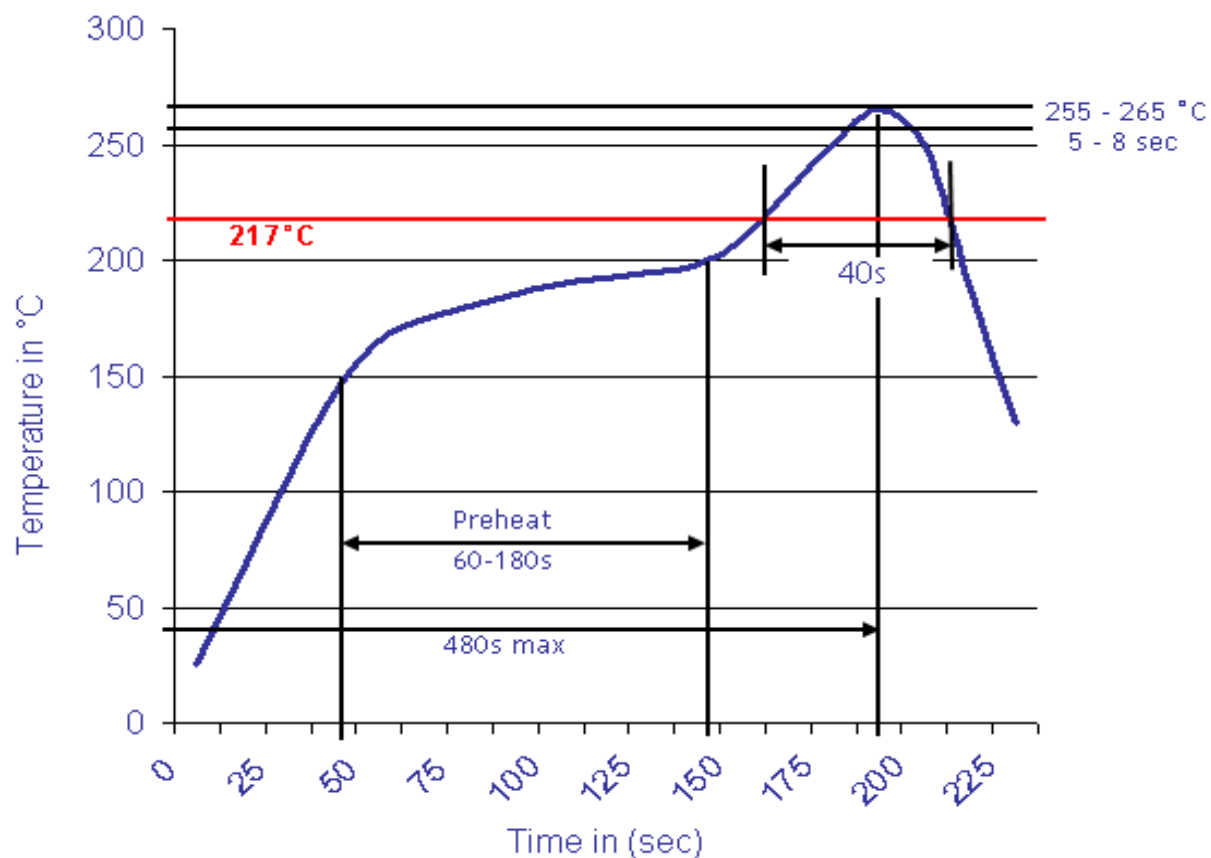
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Classification Reflow Profile (JEDEC J-STD-020C)



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