

# Safety Capacitor Roadmap for Purchasing, Development, Design, Component Manager



## Safety Capacitor, X2= 2500 Volt Impulse, IEC60384-14, UL60950 TUV, UL

Serie	Size	Volt	47p	100p	150p	220p	330p	470p	1.0n	1.5n	2.2n	4.7n
X2	1808	250Vac	C0G	C0G	C0G	C0G	C0G	C0G	C0G			
X2	1808	250Vac			X7R	X7R	X7R	X7R	X7R	X7R	X7R	X7R
X2	1812	250Vac							C0G	C0G	C0G	

## Safety Capacitor, 250Vac, X1= 4000 Volt Impulse, IEC60384-14, UL60950 TUV, UL

Serie	Size	Volt	47p	100p	150p	220p	470p	680p	1.0n	1.5n	2.2n	4.7n
X1	1808	250Vac	C0G	C0G	C0G	C0G						
X1	1808	250Vac			X7R	X7R	X7R	X7R	X7R			
X1	1812	250Vac	C0G	C0G	C0G	C0G						
X1	1812	250Vac			X7R	X7R	X7R	X7R	X7R	X7R	X7R	

## Safety Capacitor, 250Vac, Y2= 5KV Impulse, IEC60384-14, UL60950 TUV, UL

Serie	Size	Volt	47p	100p	150p	220p	470p	680p	1.0n	1.5n	2.2n	4.7n
X1Y2	2211	250Vac	C0G	C0G	C0G	C0G	C0G	C0G	C0G			
X1Y2	2211	250Vac		X7R	X7R	X7R	X7R	X7R	X7R	X7R	X7R	
X1Y2	2215	250Vac							C0G			

## Safety Capacitor, 250Vac, Y2= 5KV Impulse, IEC60384-14, UL60950 TUV, UL

Serie	Size	Volt	220p	470p	680p	1.0n	1.5n	2.2n	3.3n	4.7n	10n	22n
X1Y2	2220	250Vac	X7R	X7R	X7R	X7R	X7R	X7R	X7R	X7R	X7R	

## Safety Capacitor, X2= 2500V Impulse, IEC60384-14, UL60950 TUV

Serie	Size	Volt	220p	470p	680p	1.0n	1.5n	2.2n	3.3n	4.7n	10n	22n
X2	2220	250Vac				X7R	X7R	X7R	X7R	X7R	X7R	X7R

ASK FOR MORE DETAILS



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# Industrial Application

## Ceramic Capacitors X1/Y2, X2 Safety Cap

Standard Spec: IEC60384-14, UL60950



Cap	Size	Class	Dielectric	Order Information	Remark
10pF	2211	X1/Y2	C0G	<a href="#">2211JA250100KCTSP</a>	TÜV, UL
22pF	2211	X1/Y2	C0G	<a href="#">2211JA250220KCTSP</a>	TÜV, UL
47pF	2211	X1/Y2	C0G	<a href="#">2211JA250470KCTSP</a>	TÜV, UL
56pF	2211	X1/Y2	C0G	<a href="#">2211JA250560KCTSP</a>	TÜV, UL
100pF	2211	X1/Y2	C0G	<a href="#">2211JA250101KCTSP</a>	TÜV, UL
	2211	X1/Y2	X7R	<a href="#">2211JA250101KXTSP</a>	TÜV, UL
150pF (151)	2211	X1/Y2	C0G	<a href="#">2211JA250151KCTSP</a>	TÜV, UL
	2211	X1/Y2	X7R	<a href="#">2211JA250151KXTSP</a>	TÜV, UL
	2220	X1/Y2	X7R	<a href="#">2220JA250151KXTB16</a>	TÜV, UL
220pF (221)	2211	X1/Y2	C0G	<a href="#">2211JA250221KCTSP</a>	TÜV, UL
	2211	X1/Y2	X7R	<a href="#">2211JA250221KXTSP</a>	TÜV, UL
	2220	X1/Y2	X7R	<a href="#">2220JA250221KXTB16</a>	TÜV, UL
330pF (331)	2211	X1/Y2	C0G	<a href="#">2211JA250331KCTSP</a>	TÜV, UL
	2211	X1/Y2	X7R	<a href="#">2211JA250331KXTSP</a>	TÜV, UL
	2220	X1/Y2	X7R	<a href="#">2220JA250331KXTB16</a>	TÜV, UL
470pF (471)	2211	X1/Y2	C0G	<a href="#">2211JA250471KCTSP</a>	TÜV, UL
	2211	X1/Y2	X7R	<a href="#">2211JA250471KXTSP</a>	TÜV, UL
	2220	X1/Y2	X7R	<a href="#">2220JA250471KXTB16</a>	TÜV, UL
1.0nF (102)	2211	X1/Y2	C0G	<a href="#">2211JA250102KCTSP</a>	TÜV, UL
	2211	X1/Y2	X7R	<a href="#">2211JA250102KXTSP</a>	TÜV, UL
	2215	X1/Y2	C0G	<a href="#">2215JA250102KCTSP</a>	TÜV, UL
	2220	X1/Y2	X7R	<a href="#">2220JA250102KXTSP</a>	TÜV, UL
2.2nF (222)	2211	X1/Y2	X7R	<a href="#">2211JA250222KXTSP</a>	TÜV, UL
	2211	X1/Y2	X7R	<a href="#">2211JA250222KXTSPU</a>	U= Dual testing 250Vac/2500Vdc
	2220	X1/Y2	X7R	<a href="#">2220JA250222KXTB16</a>	TÜV, UL
3.3nF (332)	2220	X2	X7R	<a href="#">2220YA250222KXTB17</a>	TÜV X2
	2211	X1/Y2	X7R	<a href="#">2211JA250332KXTSP</a>	TÜV, UL
	2220	X1/Y2	X7R	<a href="#">2220JA250332KXTB16</a>	TÜV, UL
4.7nF (472)	2220	X2	X7R	<a href="#">2220JA250332KXTB17</a>	TÜV X2
	2211	X1/Y2	X7R	<a href="#">2211JA250472KXTSP</a>	TÜV, UL
	2220	X1/Y2	X7R	<a href="#">2220JA250472KXTB16</a>	TÜV, UL
10nF (103)	2220	X2	X7R	<a href="#">2220JA250472KXTB17</a>	TÜV X2
	2220	X2	X7R	<a href="#">2220JA250103KXTB16</a>	TÜV, UL
22nF	2220	X2	X7R	<a href="#">2220JA250103KXTB17</a>	TÜV X2
	2220	X2	X7R	<a href="#">2220JA250223KXTB17</a>	TÜV X2

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