Surface-Mount Multilayer Ceramic Chip Capacitor Kits for Safety Certified Applications

FEATURES

- Body size 2008, 2220
- 10 pieces of each part
- Specialty: safety certified capacitors
- Approved IEC 60384-14
- AEC-Q200 qualified available with PPAP
- Lead (Pb)-free terminations code “X”
- Reliable Noble Metal Electrode (NME) system
- Material categorization: for definitions of compliance please see www.vishay.com/doc?99912

AUTOMOTIVE GRADE Available

Pb-free

RoHS COMPLIANT

HALOGEN FREE

GREEN (5-2008)

APPLICATIONS

- Power supplies
- EMI and AC line filtering
- EV charging systems
- AC equipment and appliances
- Lighting strike and voltage surge protection
- Facsimile and telephone

See Vishay’s Maximum Ripple Current Simulator for VJ Multilayer Ceramic Capacitors!
www.vishay.com/en/capacitors/ripple-current-simulator/

ELECTRICAL SPECIFICATIONS AND DIMENSIONS (refer to the appropriate datasheet)		
BODY SIZE	**SERIES**	**DATASHEET**
2008	VJ Safety Certified Capacitors Series	www.vishay.com/doc?45255
2220		

ORDERING INFORMATION

PART NUMBER	GRADE	BODY SIZE	CLASS	DIELECTRIC	MINIMUM CAPACITANCE VALUE (pF)	MAXIMUM CAPACITANCE VALUE (pF)
VJSAFETYINDKIT	Industrial	2008	X1 / Y2	NP0	100	220
				X7R	470	1000
		2220	X1 / Y2	NP0	470	1000
				X7R	470	4700
			X2	X7R	10 000	10 000
VJSAFETYAUTOKIT	Automotive	2008	X1 / Y2	NP0	100	220
				X7R	470	1000
		2220	X1 / Y2	NP0	1000	1000
				X7R	1000	47 000
			X2	X7R	10 000	10 000

For technical questions, contact: mlccrf@vishay.com

VJ SAFETY CERTIFIED INDUSTRIAL MLCC KIT

VJSAFETYINDKIT					
BODY SIZE	CLASS	DIELECTRIC	CAPACITANCE (pF)	TOLERANCE (%)	V_{AC}
2008	X1 / Y2	NP0	100	± 5	250
			150	± 5	
			220	± 5	
		X7R	470	± 10	
			1000	± 10	
2220	X1 / Y2	NP0	470	± 10	
			1000	± 10	
		X7R	470	± 10	
			1000	± 10	
			2200	± 10	
			3300	± 10	
			4700	± 10	
	X2	X7R	10 000	± 10	

VJ SAFETY CERTIFIED AUTOMOTIVE GRADE MLCC KIT

VJSAFETYAUTOKIT					
BODY SIZE	CLASS	DIELECTRIC	CAPACITANCE (pF)	TOLERANCE (%)	V_{AC}
2008	X1 / Y2	NP0	100	± 5	250
			220	± 5	
		X7R	470	± 10	
			1000	± 10	
2220	X1 / Y2	NP0	1000	± 10	
		X7R	1000	± 10	
			2200	± 10	
			3300	± 10	
			4700	± 10	
	X2	X7R	10 000	± 10	