



CKE's safety rated capacitors are intended for use on 125 Volt and 250 Volt AC power lines and for antenna coupling applications. They are small volume, low dissipation, high reliability devices with a wide selection of temperature characteristics. They are designed and certified to meet specific X & Y international safety agency requirements. They are approved by certifying agencies such as UL, VDE, CSA and others.

Applications

1. Line to line and line to ground
2. Line bypass filtering applications
3. Antenna coupling

Standard Capacitance Tolerances Available: K and M

Voltage Ratings: X1Y2 (250VAC/2500VAC) and X1Y1 (400VAC/4000VAC)

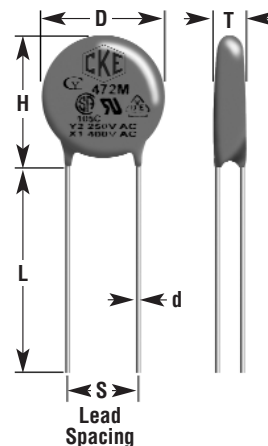
Insulation Resistance: 10000 Megohms minimum at 500VDC for 1 minute.

Construction: Ceramic disk coated with flame retardant epoxy resin.

Component Marking: As specified by approving agencies

Ordering Information:

This catalog has only typical specifications, approvals and certifications. It is important that you verify approvals, certifications and specifications for your particular application before ordering. Our sales and engineering staff will provide assistance in making selections.



CK8 Manufacturer's Code	Y5P Temperature Characteristics Code	102 Capacitor Value (pf)	K Capacitance Tolerance Code	X1Y1 Voltage Ratings	Example: CK8Y5P102KX1Y1 This is a capacitor with a Y5P temperature characteristic, a capacitance of 1000 pf, and a tolerance of ±10% and an X1Y1 voltage characteristic.
CK8 Capacitors	From Table	3 Digits Total 1st two are Significant Third is Multiplier	K = ±10% M = ±20%	From Table	

Capacitance Tolerance K & M		Maximum Capacitance Available Temperature Coefficient			X1Y1 Series
	Maximum Diameter (mm)	Maximum Thickness (mm)	Lead Spacing (mm)	Lead Diameter (mm)	Maximum Capacitance Available (pf)
Y5P	08	8	10	0.7	100-220
Y5P	10	8	10	0.7	330-820
Y5P	12	8	10	0.7	1000
Y5U	10	8	10	0.7	1000
Y5U	12	8	10	0.7	1500
Y5U	14	8	10	0.7	2200
Y5U	16	8	10	0.7	3900-4700
Y5V	08	8	10	0.7	1000
Y5V	10	8	10	0.7	1500-2200
Y5V	12	8	10	0.7	3300
Y5V	14	8	10	0.7	4700

Capacitance Tolerance K & M		Maximum Capacitance Available Temperature Coefficient			X1Y2 Series
	Maximum Diameter (mm)	Maximum Thickness (mm)	Lead Spacing (mm)	Lead Diameter (mm)	Maximum Capacitance Available (pf)
Y5P	08	7	7.5 or 10	0.7	100-330
Y5P	10	7	7.5 or 10	0.7	470-680
Y5P	12	7	7.5 or 10	0.7	1000
Y5U	08	7	7.5 or 10	0.7	1000
Y5U	10	7	7.5 or 10	0.7	2200
Y5U	12	7	7.5 or 10	0.7	2700
Y5U	14	7	7.5 or 10	0.7	3300Y5U
Y5U	16	7	7.5 or 10	0.7	4700
Y5V	08	7	7.5 or 10	0.7	1000
Y5V	10	7	7.5 or 10	0.7	1500-2200
Y5V	12	7	7.5 or 10	0.7	3300-3900
Y5V	14	7	7.5 or 10	0.7	4700
Y5V	16	7	7.5 or 10	0.7	10000

CAPACITORS