

CERAMIC CAPACITOR

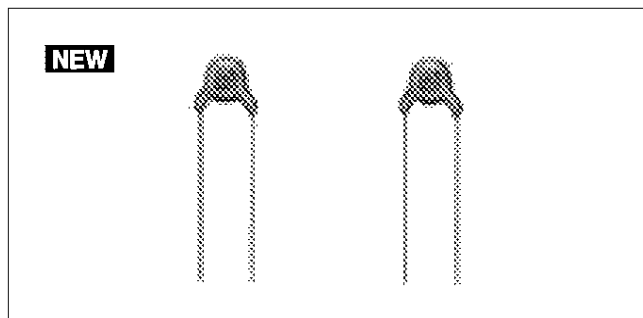


Safety Standard Recognized Ceramic Capacitor Type KX

125°C Guaranteed Recognized in 10 Countries

FEATURES

1. We design capacitors in much more compact size than KD type, having reduced the diameter by 20% max.
2. Operating temperature range guaranteed up to 125°C (UL / CSA : 85°C)
3. IEC 384-14 2nd edition (1993) Class X1, Y1.
4. The type KX is recognized by UL / CSA / BSI / SEMKO / SEV / VDE / FIMKO / NEMKO / DEMKO / IMQ.
5. Possible to use with a component in appliance requiring reinforced insulation and double insulation based on IEC65 and IEC 950.
6. Coated with flame-retardant epoxy resin (conforming to UL94V-0 standards).
7. Automatic insertion can be, and save costs.



STANDARD NO. RECOGNIZED NO.

	Standard No.	Recognized No.		Rated Voltage
		Japan	Taiwan	
UL	UL 1414	E37921		250VAC
CSA	C22.2 No.0, No.1	LR36214	LR44559	
BSI	BS EN60065 (1994)	227859		
SEMKO	IEC384-14 2nd edition (1993)	9511179		
SEV		95, 1 10103		
VDE		89763, 89767	89764, 89768	
FIMKO		184022-01...02		
NEMKO		P95102392		
DEMKO		304138		
IMQ		V4069	-	

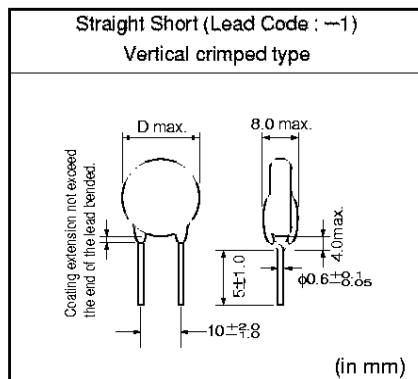
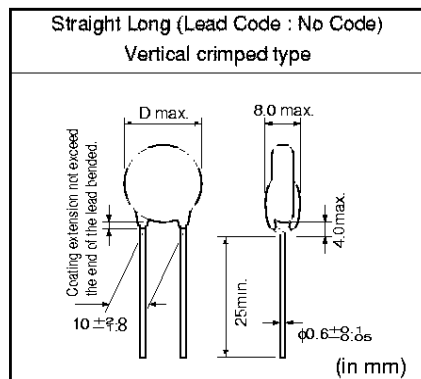
MARKING

Item		Example
UL Approval Mark		One side marking For DE1210E222M-KX
CSA Approval Mark		
BSI Approval Mark	BS415	
SEMKO Approval Mark		
SEV Approval Mark		
VDE Approval Mark		
IMQ Approval Mark		
FIMKO Approval Mark		
NEMKO Approval Mark		
DEMKO Approval Mark		
IEC384-14 Class Code	X1, Y1	
Rated Voltage Mark	250~	
Type Designation	KX	
Nominal Capacitance		
Capacitance Tolerance		
Manufacturer's Identification *		
Manufactured Date Code		

* : Made in Japan. : Made in Taiwan.

DIMENSIONS



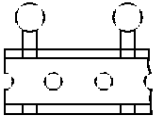
•Bulk





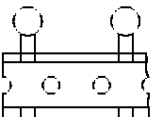
- For nominal body diameter (D), please see "STANDARD LIST".
- Please see page 7 on detailed taping specification

■STANDARD LIST

B Characteristic

Nominal Capacitance (pF)	Maximum Body Dia. D(mm)	Part Number (□ : means optional lead code shown on the right.)	Lead Configuration / Lead Code		
			Straight Long	Straight Short	Taping
					 Lead space F : 10.0 Pitch of component P : 25.4
100	9	DE0910 □ B 101K -KX	No Code	-1	-452
150		DE0910 □ B 151K -KX			
220		DE0910 □ B 221K -KX			
330		DE0910 □ B 331K -KX			
470		DE0910 □ B 471K -KX			
680	10	DE1010 □ B 681K -KX			

E Characteristic

Nominal Capacitance (pF)	Maximum Body Dia. D(mm)	Part Number (□ : means optional lead code shown on the right.)	Lead Configuration / Lead Code		
			Straight Long	Straight Short	Taping
					 Lead space F : 10.0 Pitch of component P : 25.4
1000	9	DE0910 □ E 102M -KX	No Code	-1	-452
1500	11	DE1110 □ E 152M -KX			
2200	12	DE1210 □ E 222M -KX			
3300	14	DE1410 □ E 332M -KX			
3900	15	DE1510 □ E 392M -KX			
4700	16	DE1610 □ E 472M -KX			

- We have obtained the capacitance under 100pF .
Please feel free to ask us in detail.
- Please contact us for other specification.