CERAMIC CAPACITOR

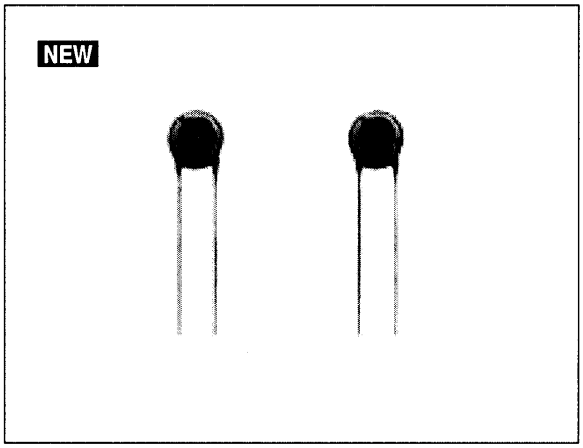
muRata

Safety Standard Recognized Ceramic Capacitor Type KH

125℃ Guaranteed
Recognized in 10 Countries

■FEATURES

1. We design capacitors in much more compact size than KC type,having reduced the diameter by 20%max.
2. Operating temperature range guaranteed up to 125℃ (UL / CSA : 85℃)
3. IEC384-14 2nd edition (1993) Class X1,Y2
4. The type KH is recognized by UL / CSA / BSI / SEMKO / SEV / VDE / FIMKO / NEMKO / DEMKO / SAA. Besides these recognitions,it is based on the standard of the electrical appliance and material control law of Japan and JIS-C-5154 (general rules of AC mains supply capacitors of electronic equipment)
5. Coated with flame-retardant epoxy resin (conforming to UL94V-0 standards).
6. 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.1	LR36214	LR44559	
BSI	BSEN60065 (1994)	227636		
SEMKO	IEC384-14 2nd edition (1993)	9503155		
SEV		94, 1 00952		
VDE		83663, 83665, 83667	83664, 83666 83668	
FIMKO		180451	180450	
NEMKO		P95100388	P95100518	
DEMKO		113878JJa		
SAA	AS3250	CS6529N		

■MARKING

Item		Example
UL Approval Mark		One side marking
CSA Approval Mark		
BSI Approval Mark	BS415	
SEMKO Approval Mark		
SEV Approval Mark		
VDE Approval Mark		
FIMKO Approval Mark		
NEMKO Approval Mark		
DEMKO Approval Mark		
IEC384-14 Class Code	X1, Y2	
Rated Voltage Mark	250~	
Type Designation	KH	
Nominal Capacitance		
Capacitance Tolerance		
Manufacturer's Identification *		For DE1307E472M-KH
Manufactured Date Code		

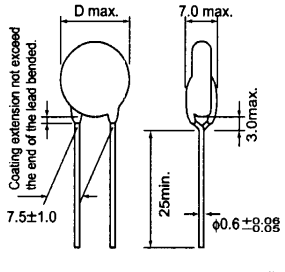
KH472M
X1Y2
BS415
250~

* : Made in Japan. : Made in Taiwan.

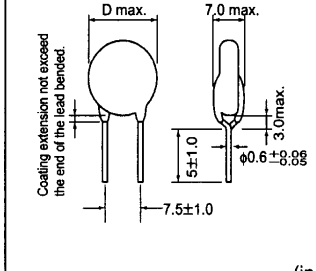
■DIMENSIONS

•Bulk

Straight Long (Lead Code : No Code)
Vertical crimped type



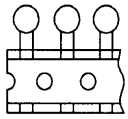
Straight Short (Lead Code : −1)
Vertical crimped type



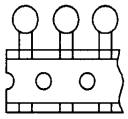
• For nominal body diameter (D) ,please see "STANDARD LIST".
• Please see page 7 on detailed taping specification

■STANDARD LIST

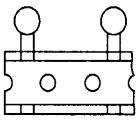
B Characteristic

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 : 7.5 Pitch of component P : 15.0
100	8	DE0807□B 101K -KH	No Code	−1	−486
150		DE0807□B 151K -KH			
220		DE0807□B 221K -KH			
330		DE0807□B 331K -KH			
470		DE0807□B 471K -KH			
680	9	DE0907□B 681K -KH			

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 : 7.5 Pitch of component P : 15.0
1000	8	DE0807□E 102M -KH	No Code	−1	−486
1500	9	DE0907□E 152M -KH			
2200	10	DE1007□E 222M -KH			
3300	12	DE1207□E 332M -KH			
4700	13	DE1307□E 472M -KH			

F 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 : 7.5 Pitch of component P : 30.0
10000	16	DE1607□F 103M -KH	No Code	−1	−477

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