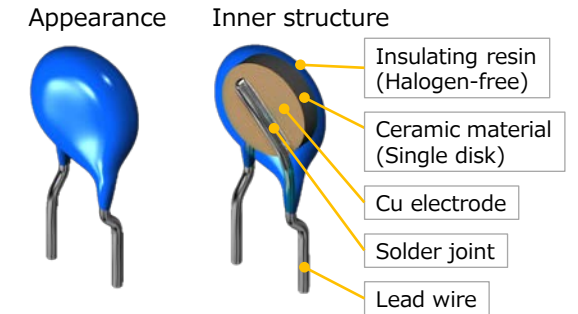



CD45 series : Commercial grade / Safety standard approved

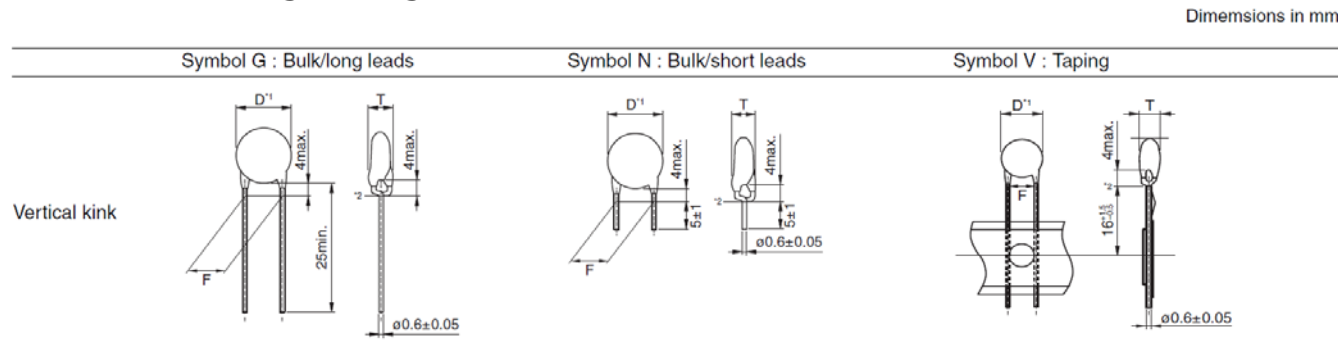
<FEATURES>

- > Compliant with IEC and the safety standards of various countries.
- > CD45 series meets reinforced insulation's safety standards. Since the withstand voltage is 4,000V AC, single-unit configuration is available for European class II devices.
- > Flame-resistant reinforced outer insulation prevents fires, electrical shock, and other potential hazards.
- > Conform to RoHS directive due to lead(Pb) free of lead-wire and internal solder material.
- > Compatible with halogen-free external resin coating.



<PART NUMBER>		CD45	-E	2GA	102	M	-		K	A	
		Series name*	Temperature characteristics	Rated voltage	Nominal capacitance		Capacitance tolerance		Lead-wire type	Application classification	Internal code
	SL		+350 to -1,000ppm/°C	2GA	X1: 440V AC Y1: 400V AC	100 10pF	J ±5%	G Long lead	K Safety standard approved	A Halogen-free	
	-B		±10%			102 1,000pF	K ±10%	N Short lead			
	-E		+20, -55%			222 2,200pF	M ±20%	V Taping			

< LEAD-WIRE SHAPES >

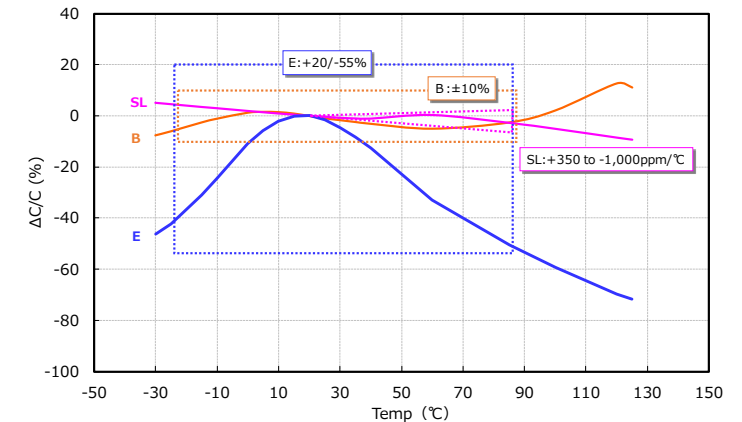


TDK's standard product is vertical kink. TDK recommends short leads for bulk products.

*1 Body diameter (D) is reference value if D is smaller than maximum dimension of lead to lead distance (F).

*2 Coating on leads shall not extend beyond the bottom of vertical kink.

<TEMPERATURE CHARACTERISTICS>



CD45 series : Commercial grade / Safety standard approved

Rated Voltage X1: 440V AC, Y1: 400V AC

Capacitance (pF)	Temperature characteristics			Part No.	Dimensions (mm)		
	SL	B	E		D max.	T max.	F
10	■			CD45SL2GA100J- * KA	(7.0)	6.0	10.0+2.0, -1.0
15	■			CD45SL2GA150J- * KA	(7.0)	6.0	10.0+2.0, -1.0
22	■			CD45SL2GA220J- * KA	(7.0)	6.0	10.0+2.0, -1.0
33	■			CD45SL2GA330J- * KA	(7.0)	6.0	10.0+2.0, -1.0
47	■			CD45SL2GA470J- * KA	(8.0)	6.0	10.0+2.0, -1.0
68	■			CD45SL2GA680J- * KA	(9.0)	6.0	10.0+2.0, -1.0
100		■		CD45-B2GA101K- * KA	(6.5)	6.0	10.0+2.0, -1.0
150		■		CD45-B2GA151K- * KA	(6.5)	6.0	10.0+2.0, -1.0
220		■		CD45-B2GA221K- * KA	(6.5)	6.0	10.0+2.0, -1.0
330		■		CD45-B2GA331K- * KA	(7.0)	6.0	10.0+2.0, -1.0
470		■		CD45-B2GA471K- * KA	(8.0)	6.0	10.0+2.0, -1.0
680			■	CD45-E2GA681M- * KA	(6.5)	6.0	10.0+2.0, -1.0
1,000			■	CD45-E2GA102M- * KA	(7.0)	6.0	10.0+2.0, -1.0
1,500			■	CD45-E2GA152M- * KA	(8.0)	6.0	10.0+2.0, -1.0
2,200			■	CD45-E2GA222M- * KA	(9.0)	6.0	10.0+2.0, -1.0
3,300			■	CD45-E2GA332M- * KA	(11.0)	6.0	10.0+2.0, -1.0
4,700			■	CD45-E2GA472M- * KA	13.0	6.0	10.0+2.0, -1.0

* Body diameter (D) is reference value if D is smaller than maximum dimension of lead to lead distance (F).

CD45 series lineup

https://product.tdk.com/en/search/capacitor/ceramic/lead-disc/list#tag%5B%5D=com_cd45& l=100& p=1& c=part_no-part_no& d=0

