

# Ceramic Capacitors

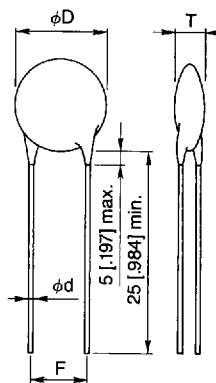
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## CD TYPE [SAFETY STANDARDS APPROVED], EUROPEAN CLASS 2, AC RATED FOR POWER LINE

This ceramic capacitor satisfies the European Class 2 (reinforced insulation) Safety Standard VDE, SEV, SEMKO, BS. Since it satisfies 4000Vac of withstanding voltage, it is available to use individually as a single unit for the European Class 2 devices.

### APPROVAL FILE NUMBER

Standard	Rated voltage (Vac)	File number
UL1414	250	E37861
CSA C22.2 No. 0, No. 1	125	LR-35801
VDE0565-1	400	46868, 46869
VDE0560-2	400	37432
SEV1016	400	91.1 10122.02
SEV1055	400	91.1 10122.02
SEMKO101	400	8434140, 8434141
BS415	400	226495
EI E101-82	400	128792-01



Dimensions in mm [inches]

### CAPACITANCE AND DIMENSIONS (Operating temperature range: -25 to +85°C [-13 to +185°F])

Part No.	Capacitance temperature characteristics	Capacitance (pF)	Capacitance tolerance	Dimensions (mm) [inches]			
				D max.	T ± 2 [.079]	F <sup>+2</sup> <sub>-1</sub> [ <sup>+079</sup> <sub>-.039</sub> ]	d ± 0.05 [.002]
CD80-B2GA101MYAS	B (± 10%)	100	M (± 20%)	8 [.315]	6 [.236]	10 [.394]	0.6 [.024]
CD80-B2GA101KYAS	B (± 10%)	100	K (± 10%)	8 [.315]	6 [.236]	10 [.394]	0.6 [.024]
CD80-B2GA151MYAS	B (± 10%)	150	M (± 20%)	8 [.315]	6 [.236]	10 [.394]	0.6 [.024]
CD80-B2GA151KYAS	B (± 10%)	150	K (± 10%)	8 [.315]	6 [.236]	10 [.394]	0.6 [.024]
CD95-B2GA221MYAS	B (± 10%)	220	M (± 20%)	9.5 [.374]	6 [.236]	10 [.394]	0.6 [.024]
CD95-B2GA221KYAS	B (± 10%)	220	K (± 10%)	9.5 [.374]	6 [.236]	10 [.394]	0.6 [.024]
CD10-B2GA331MYAS	B (± 10%)	330	M (± 20%)	10 [.394]	6 [.236]	10 [.394]	0.6 [.024]
CD10-B2GA331KYAS	B (± 10%)	330	K (± 10%)	10 [.394]	6 [.236]	10 [.394]	0.6 [.024]
CD10-B2GA391MYAS	B (± 10%)	390	M (± 20%)	10 [.394]	6 [.236]	10 [.394]	0.6 [.024]
CD10-B2GA391KYAS	B (± 10%)	390	K (± 10%)	10 [.394]	6 [.236]	10 [.394]	0.6 [.024]
CD11-B2GA471MYAS	B (± 10%)	470	M (± 20%)	11 [.433]	6 [.236]	10 [.394]	0.6 [.024]
CD11-B2GA471KYAS	B (± 10%)	470	K (± 10%)	11 [.433]	6 [.236]	10 [.394]	0.6 [.024]
CD10-E2GA102MYAS	E ( <sup>+20</sup> / <sub>-55</sub> %)	1000	M (± 20%)	10 [.394]	6 [.236]	10 [.394]	0.6 [.024]
CD12-E2GA152MYAS	E ( <sup>+20</sup> / <sub>-55</sub> %)	1500	M (± 20%)	11.5 [.453]	6 [.236]	10 [.394]	0.6 [.024]
CD14-E2GA222MYAS	E ( <sup>+20</sup> / <sub>-55</sub> %)	2200	M (± 20%)	14 [.551]	6 [.236]	10 [.394]	0.6 [.024]
CD16-E2GA332MYAS	E ( <sup>+20</sup> / <sub>-55</sub> %)	3300	M (± 20%)	16 [.630]	6 [.236]	10 [.394]	0.6 [.024]
CD17-E2GA392MYAS	E ( <sup>+20</sup> / <sub>-55</sub> %)	3900	M (± 20%)	17 [.669]	6 [.236]	10 [.394]	0.6 [.024]
CD19-E2GA472MYAS	E ( <sup>+20</sup> / <sub>-55</sub> %)	4700	M (± 20%)	18 [.709]	6 [.236]	10 [.394]	0.6 [.024]

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