

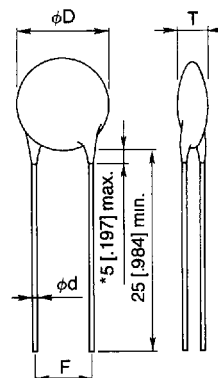
# Ceramic Capacitors

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## CS TYPE [SAFETY STANDARDS APPROVED], AC RATED FOR POWER LINE CLASS II

### APPROVAL FILE NUMBER

Standard	Rated voltage (Vac)	File number
UL1414	125	E37861
CSA C22.2 No. 0, No. 1	125	LR-35801
VDE0560-2	400	37467, 41825
VDE0565-1	250	37467
SEV1016	400	91.1 10122.02
SEV1055	400	91.1 10122.02
SEMKO101	400	8434144, 8434143
BS415	400	226494
EI E101-82	250	116977-01



\*3 [.118] max. (D ≥ 15 [.591])  
[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 max.	F ± 2 [.079]	d ± 0.05 [.002]
CS80-B2GA101MYAS	B (± 10%)	100	M (± 20%)	8 [.315]	7 [.276]	7.5 [.295]	0.6 [.024]
CS80-B2GA101KYAS	B (± 10%)	100	K (± 10%)	8 [.315]	7 [.276]	7.5 [.295]	0.6 [.024]
CS81-B2GA151MYAS	B (± 10%)	150	M (± 20%)	8 [.315]	7 [.276]	7.5 [.295]	0.6 [.024]
CS81-B2GA151KYAS	B (± 10%)	150	K (± 10%)	8 [.315]	7 [.276]	7.5 [.295]	0.6 [.024]
CS82-B2GA221MYAS	B (± 10%)	220	M (± 20%)	8 [.315]	7 [.276]	7.5 [.295]	0.6 [.024]
CS82-B2GA221KYAS	B (± 10%)	220	K (± 10%)	8 [.315]	7 [.276]	7.5 [.295]	0.6 [.024]
CS90-B2GA331MYAS	B (± 10%)	330	M (± 10%)	9 [.354]	7 [.276]	7.5 [.295]	0.6 [.024]
CS90-B2GA331KYAS	B (± 10%)	330	K (± 10%)	9 [.354]	7 [.276]	7.5 [.295]	0.6 [.024]
CS91-B2GA471MYAS	B (± 10%)	470	M (± 20%)	9 [.354]	7 [.276]	7.5 [.295]	0.6 [.024]
CS91-B2GA471KYAS	B (± 10%)	470	K (± 10%)	9 [.354]	7 [.276]	7.5 [.295]	0.6 [.024]
CS10-B2GA102MYAS	B (± 10%)	1000	M (± 20%)	10 [.394]	7 [.276]	7.5 [.295]	0.6 [.024]
CS10-B2GA102KYAS	B (± 10%)	1000	K (± 10%)	10 [.394]	7 [.276]	7.5 [.295]	0.6 [.024]
CS10-E2GA102MYAS	E ( +20 / -55 %)	1000	M (± 20%)	10 [.394]	7 [.276]	7.5 [.295]	0.6 [.024]
CS11-E2GA152MYAS	E ( +20 / -55 %)	1500	M (± 20%)	11 [.433]	7 [.276]	7.5 [.295]	0.6 [.024]
CS13-E2GA222MYAS	E ( +20 / -55 %)	2200	M (± 20%)	13 [.512]	7 [.276]	7.5 [.295]	0.6 [.024]
CS15-E2GA332MYAS	E ( +20 / -55 %)	3300	M (± 20%)	15 [.591]	7 [.276]	7.5 [.295]	0.6 [.024]
CS17-E2GA472MYAS	E ( +20 / -55 %)	4700	M (± 20%)	17 [.669]	7 [.276]	10 [.394]	0.6 [.024]
CS17-FZ2GA472ZYAS*1	FZ ( +30 / -85 %)*2	4700	Z ( +80 / -20 %)	12 [.472]	7 [.276]	7.5 [.295]	0.6 [.024]
CS17-FZ2GA103ZYAS*1	FZ ( +30 / -85 %)*2	10000	Z ( +80 / -20 %)	17 [.669]	7 [.276]	10 [.394]	0.6 [.024]

\*1. Applications have been filed (except for the SEV, VDE0565-1). \*2. -10 to +60°C [14 to 140°F]

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