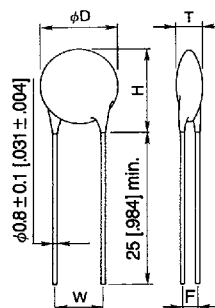


AVR-G10D TYPE

Dimensions in mm [inches]

Part No.	D max.	T max.	W ± 1 [.039]	H max.	F ± 1 [.039]
AVR-G10D220K	13.5 [.531]	5.8 [.228]	7.5 [.295]	17 [.669]	1.8 [.071]
AVR-G10D270K	13.5 [.531]	5.8 [.228]	7.5 [.295]	17 [.669]	1.8 [.071]
AVR-G10D330K	13.5 [.531]	6 [.236]	7.5 [.295]	17 [.669]	2.1 [.083]
AVR-G10D390K	13.5 [.531]	6.3 [.248]	7.5 [.295]	17 [.669]	2.4 [.094]
AVR-G10D470K	13.5 [.531]	6.6 [.260]	7.5 [.295]	17 [.669]	2.7 [.106]
AVR-G10D560K	13.5 [.531]	5.3 [.209]	7.5 [.295]	17 [.669]	2 [.079]
AVR-G10D680K	13.5 [.531]	5.6 [.220]	7.5 [.295]	17 [.669]	2.3 [.091]
AVR-G10D820K	13.5 [.531]	4.9 [.193]	7.5 [.295]	17 [.669]	1.6 [.063]
AVR-G10D101K	13.5 [.531]	5.1 [.201]	7.5 [.295]	17 [.669]	1.8 [.071]
AVR-G10D121K	13.5 [.531]	5.3 [.209]	7.5 [.295]	17 [.669]	2 [.079]
AVR-G10D201K	13.5 [.531]	5.6 [.220]	7.5 [.295]	17 [.669]	2.1 [.083]
AVR-G10D221K	13.5 [.531]	5.7 [.224]	7.5 [.295]	17 [.669]	2.2 [.087]
AVR-G10D241K	13.5 [.531]	5.8 [.228]	7.5 [.295]	17 [.669]	2.3 [.091]
AVR-G10D271K	13.5 [.531]	6.1 [.240]	7.5 [.295]	17 [.669]	2.4 [.094]
AVR-G10D331K	13.5 [.531]	6.3 [.248]	7.5 [.295]	17 [.669]	2.7 [.106]
AVR-G10D361K	13.5 [.531]	6.7 [.264]	7.5 [.295]	17 [.669]	2.8 [.110]
AVR-G10D391K	13.5 [.531]	6.8 [.268]	7.5 [.295]	17 [.669]	3 [.118]
AVR-G10D431K	13.5 [.531]	7.2 [.283]	7.5 [.295]	17 [.669]	3.2 [.126]
AVR-G10D471K	13.5 [.531]	7.5 [.295]	7.5 [.295]	17 [.669]	3.5 [.138]



ELECTRICAL CHARACTERISTICS

Varistor voltage: 22 to 68V

Part No.	Varistor voltage V _{1mA} (V)	Maximum circuit voltage		Maximum voltage V _{5A} (V)	Rated power (W)	Energy (J) 2ms	Surge current (A)	Capacitance (pF) at 1 kHz ref.
		(Vac.rms)	(Vdc)					
AVR-G10D220K	22 [20 to 24]	14	18	45	0.05	4	500	11000
AVR-G10D270K	27 [24 to 30]	17	22	53	0.05	5	500	9000
AVR-G10D330K	33 [30 to 36]	20	26	65	0.05	6	500	7000
AVR-G10D390K	39 [35 to 43]	25	31	77	0.05	7	500	6000
AVR-G10D470K	47 [42 to 52]	30	38	93	0.05	8.5	500	5000
AVR-G10D560K	56 [50 to 62]	35	45	110	0.05	5.5	500	3200
AVR-G10D680K	68 [61 to 75]	40	56	135	0.05	6.5	500	2800

Varistor voltage: 82 to 470V

Part No.	Varistor voltage V _{1mA} (V)	Maximum circuit voltage		Maximum voltage V _{25A} (V)	Rated power (W)	Energy (J) 2ms	Surge current (A)	Capacitance (pF) at 1 kHz ref.
		(Vac.rms)	(Vdc)					
AVR-G10D820K	82 [74 to 90]	50	65	135	0.4	8	2500	2500
AVR-G10D101K	100 [90 to 110]	60	85	165	0.4	10	2500	2000
AVR-G10D121K	120 [108 to 132]	75	100	200	0.4	12	2500	1800
AVR-G10D201K	200 [185 to 225]	130	170	340	0.4	20	2500	1200
AVR-G10D221K	220 [198 to 242]	140	180	360	0.4	23	2500	1100
AVR-G10D241K	240 [216 to 264]	150	200	395	0.4	25	2500	1000
AVR-G10D271K	270 [247 to 303]	175	225	455	0.4	30	2500	850
AVR-G10D331K	330 [297 to 363]	210	270	550	0.4	35	2500	700
AVR-G10D361K	360 [324 to 396]	230	300	595	0.4	35	2500	650
AVR-G10D391K	390 [351 to 429]	250	320	650	0.4	40	2500	600
AVR-G10D431K	430 [387 to 473]	275	350	710	0.4	45	2500	550
AVR-G10D471K	470 [423 to 517]	300	385	775	0.4	45	2500	500