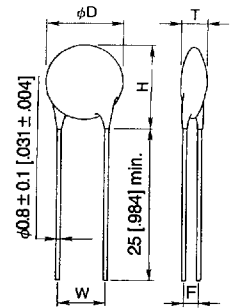


Varistors

AVR-G14D TYPE

Dimensions in mm [inches]

Part No.	D max.	T max.	W ± 1 [.039]	H max.	F ± 1 [.039]
AVR-G14D220K	17.5 [.689]	5.8 [.228]	7.5 [.295]	20.5 [.807]	1.8 [.071]
AVR-G14D270K	17.5 [.689]	5.8 [.228]	7.5 [.295]	20.5 [.807]	1.8 [.071]
AVR-G14D330K	17.5 [.689]	6 [.236]	7.5 [.295]	20.5 [.807]	2.1 [.083]
AVR-G14D390K	17.5 [.689]	6.3 [.248]	7.5 [.295]	20.5 [.807]	2.4 [.094]
AVR-G14D470K	17.5 [.689]	6.6 [.260]	7.5 [.295]	20.5 [.807]	2.7 [.106]
AVR-G14D560K	17.5 [.689]	5.3 [.209]	7.5 [.295]	20.5 [.807]	2 [.079]
AVR-G14D680K	17.5 [.689]	5.6 [.220]	7.5 [.295]	20.5 [.807]	2.3 [.091]
AVR-G14D820K	17.5 [.689]	4.9 [.193]	7.5 [.295]	20.5 [.807]	1.6 [.063]
AVR-G14D101K	17.5 [.689]	5.1 [.201]	7.5 [.295]	20.5 [.807]	1.8 [.071]
AVR-G14D121K	17.5 [.689]	5.3 [.209]	7.5 [.295]	20.5 [.807]	2 [.079]
AVR-G14D201K	17.5 [.689]	5.6 [.220]	7.5 [.295]	20.5 [.807]	2.1 [.083]
AVR-G14D221K	17.5 [.689]	5.7 [.224]	7.5 [.295]	20.5 [.807]	2.2 [.087]
AVR-G14D241K	17.5 [.689]	5.8 [.228]	7.5 [.295]	20.5 [.807]	2.3 [.091]
AVR-G14D271K	17.5 [.689]	6.1 [.240]	7.5 [.295]	20.5 [.807]	2.4 [.094]
AVR-G14D331K	17.5 [.689]	6.3 [.248]	7.5 [.295]	20.5 [.807]	2.7 [.106]
AVR-G14D361K	17.5 [.689]	6.7 [.264]	7.5 [.295]	20.5 [.807]	2.8 [.110]
AVR-G14D391K	17.5 [.689]	6.8 [.268]	7.5 [.295]	20.5 [.807]	3 [.118]
AVR-G14D431K	17.5 [.689]	7.2 [.283]	7.5 [.295]	20.5 [.807]	3.2 [.126]
AVR-G14D471K	17.5 [.689]	7.5 [.295]	7.5 [.295]	20.5 [.807]	3.5 [.138]



ELECTRICAL CHARACTERISTICS

Varistor voltage: 22 to 68V

Part No.	Varistor voltage V _{1mA} (V)	Maximum circuit voltage		Maximum voltage V _{10A} (V)	Rated power (W)	Energy (J) 2ms	Surge current (A)	Capacitance (pF) at 1 kHz ref.
		(Vac.rms)	(Vdc)					
AVR-G14D220K	22 [20 to 24]	14	18	45	0.1	13	1000	20000
AVR-G14D270K	27 [24 to 30]	17	22	53	0.1	15	1000	16000
AVR-G14D330K	33 [30 to 36]	20	26	65	0.1	20	1000	13000
AVR-G14D390K	39 [35 to 43]	25	31	77	0.1	24	1000	11000
AVR-G14D470K	47 [42 to 52]	30	38	93	0.1	30	1000	9000
AVR-G14D560K	56 [50 to 62]	35	45	110	0.1	10	1000	6500
AVR-G14D680K	68 [61 to 75]	40	56	135	0.1	12	1000	5500

Varistor voltage: 82 to 470V

Part No.	Varistor voltage V _{1mA} (V)	Maximum circuit voltage		Maximum voltage V _{50A} (V)	Rated power (W)	Energy (J) 2ms	Surge current (A)	Capacitance (pF) at 1 kHz ref.
		(Vac.rms)	(Vdc)					
AVR-G14D820K	82 [74 to 90]	50	65	135	0.6	14	4500	4500
AVR-G14D101K	100 [90 to 110]	60	85	165	0.6	18	4500	4000
AVR-G14D121K	120 [108 to 132]	75	100	200	0.6	20	4500	3500
AVR-G14D201K	200 [185 to 225]	130	170	340	0.6	35	4500	2100
AVR-G14D221K	220 [198 to 242]	140	180	360	0.6	40	4500	1900
AVR-G14D241K	240 [216 to 264]	150	200	395	0.6	40	4500	1700
AVR-G14D271K	270 [247 to 303]	175	225	455	0.6	50	4500	1500
AVR-G14D331K	330 [297 to 363]	210	270	550	0.6	60	4500	1200
AVR-G14D361K	360 [324 to 396]	230	300	595	0.6	65	4500	1100
AVR-G14D391K	390 [351 to 429]	250	320	650	0.6	70	4500	1000
AVR-G14D431K	430 [387 to 473]	275	350	710	0.6	75	4500	950
AVR-G14D471K	470 [423 to 517]	300	385	775	0.6	80	4500	850