

14mm Metal Oxide Varistor

PC37 are nonlinear two electrode semiconductor voltage-dependant resistors, which are designed for transient voltage suppression and surge energy absorption. Transient over-voltage are a major cause for malfunction or total failure of electronic circuitry and equipment.



Specifications

- * Wide operating voltage range: Vdc from 14V to 1465V
- * Large absorbing transient energy capability
- * Very short response time
- * Low clamping ratio and no follow-on current
- * High resistance insulation material prevents the electric arcing to the adjacent devices

Part No. 14D	Max. Allowable Voltage		Varistor Voltage		Max. Clamping Voltage		Max. Peak Current		Max. Energy		Rated Power (W)	Typical Capacitance @1KHZ (pF)	Max. Thickness (mm)	Certificate		
			V@1Ma (V)	Vc (V)	IP (A)	@ 8/20us	@ 10/1000us (J)	UL	CSA	VDE						
180K	11	14	18	(15-21)	36	10	1000	2000	4	7	0.1	11100	4.6	*	*	*
220K	14	18	22	(20-24)	43	10	1000	2000	5	8	0.1	9100	4.7	*	*	*
270K	17	22	27	(24-30)	53	10	1000	2000	6	10	0.1	7400	4.8	*	*	*
330K	20	26	33	(30-36)	65	10	1000	2000	7	12	0.1	6100	5.0	*	*	*
390K	25	31	39	(35-43)	77	10	1000	2000	8	13	0.1	5100	5.3	*	*	*
470K	30	38	47	(42-52)	93	10	1000	2000	10	17	0.1	4300	5.4	*	*	*
560K	35	45	56	(50-62)	110	10	1000	2000	11	20	0.1	3600	5.5	*	*	*
680K	40	56	68	(61-75)	135	10	1000	2000	14	24	0.1	2900	5.6	*	*	*
820K	50	65	82	(74-90)	135	50	4500	6000	22	27	0.6	2400	4.7	*	*	*
101K	60	85	100	(90-110)	165	50	4500	6000	28	33	0.6	2000	4.9	*	*	*
121K	75	100	120	(108-132)	200	50	4500	6000	32	40	0.6	1700	5.1	*	*	*
151K	95	125	150	(135-165)	250	50	4500	6000	40	53	0.6	1300	5.4	*	*	*
181K	115	150	180	(162-198)	300	50	4500	6000	50	60	0.6	1100	4.8	*	*	*
201K	130	170	200	(185-225)	340	50	4500	6000	57	70	0.6	1000	5.0	*	*	*
221K	140	180	220	(198-242)	360	50	4500	6000	60	78	0.6	900	5.1	*	*	*
241K	150	200	240	(216-264)	395	50	4500	6000	63	84	0.6	830	5.2	*	*	*
271K	175	225	270	(243-297)	455	50	4500	6000	70	99	0.6	740	5.4	*	*	*
301K	190	250	300	(270-330)	500	50	4500	6000	77	108	0.6	670	5.5	*	*	*
331K	210	275	330	(297-363)	550	50	4500	6000	85	115	0.6	610	5.8	*	*	*
361K	230	300	360	(324-396)	595	50	4500	6000	93	130	0.6	560	6.0	*	*	*
391K	250	320	390	(351-429)	650	50	4500	6000	100	140	0.6	510	6.2	*	*	*
431K	275	350	430	(387-473)	710	50	4500	6000	115	155	0.6	460	6.5	*	*	*
471K	300	385	470	(423-517)	775	50	4500	6000	125	175	0.6	430	6.7	*	*	*
511K	320	415	510	(459-561)	845	50	4500	6000	125	180	0.6	390	6.8	*	*	*
561K	350	460	560	(504-616)	925	50	4500	6000	125	185	0.6	360	7.0	*	*	*
621K	385	505	620	(558-682)	1025	50	4500	6000	125	190	0.6	320	7.3	*	*	*
681K	420	560	680	(612-748)	1120	50	4500	6000	130	200	0.6	290	7.6	*	*	*
751K	460	615	750	(675-825)	1240	50	4500	6000	143	210	0.6	270	8.0	*	*	*
781K	485	640	780	(702-858)	1290	50	4500	6000	148	220	0.6	260	8.1	*	*	*
821K	510	670	820	(738-902)	1355	50	4500	6000	157	235	0.6	240	8.3	*	*	*
911K	550	745	910	(819-1001)	1500	50	4500	6000	175	255	0.6	220	8.8	*	*	*
102K	625	825	1000	(900-1100)	1650	50	4500	6000	190	280	0.6	200	9.3	*	*	*
112K	680	895	1100	(990-1210)	1815	50	4500	6000	213	310	0.6	180	9.9	*	*	*
122K	750	990	1200	(1080-1320)	1980	50	4500	6000	213	310	0.6	150	10.4	-	*	*
182K	1100	1465	1800	(1620-1980)	2970	50	4500	6000	250	335	0.6	130	13.0	-	*	-