

7mm Metal Oxide Varistor

PC35 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 560V
- * 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. 07D	Max. Allowable Voltage		Varistor Voltage		Max. Clamping Voltage		Max. Peak Current		Max. Energy		Rated Power (W)	Typical Capacitance @1KHZ (pF)	Max. Thickness (mm)	Certificate		
					Vc (V)	IP (A)	@ 8/20us	@ 10/1000us (J)	UL	CSA				VDE		
180K	11	14	18	(15-21)	36	2.5	250	500	0.9	2.0	0.02	2800	4.5	*	*	*
220K	14	18	22	(20-24)	43	2.5	250	500	1.1	2.4	0.02	2300	4.6	*	*	*
270K	17	22	27	(24-30)	53	2.5	250	500	1.4	3	0.02	1800	4.7	*	*	*
330K	20	26	33	(30-36)	65	2.5	250	500	1.7	3.5	0.02	1500	4.9	*	*	*
390K	25	31	39	(35-43)	77	2.5	250	500	2.1	4.0	0.02	1300	4.8	*	*	*
470K	30	38	47	(42-52)	93	2.5	250	500	2.5	5.0	0.02	1100	4.9	*	*	*
560K	35	45	56	(50-62)	110	2.5	250	500	3.1	6.0	0.02	890	5.0	*	*	*
680K	40	56	68	(61-75)	135	2.5	250	500	3.6	7.0	0.02	740	5.2	*	*	*
820K	50	65	82	(74-90)	135	10	1200	1750	5.5	10	0.02	600	4.1	*	*	*
101K	60	85	100	(90-110)	165	10	1200	1750	6.5	12	0.25	500	4.3	*	*	*
121K	75	100	120	(108-132)	200	10	1200	1750	7.8	13	0.25	420	4.5	*	*	*
151K	95	125	150	(135-165)	250	10	1200	1750	9.7	13	0.25	330	4.8	*	*	*
181K	115	150	180	(162-198)	300	10	1200	1750	11.7	16	0.25	280	4.3	*	*	*
201K	130	170	200	(185-225)	340	10	1200	1750	13.0	17	0.25	250	4.4	*	*	*
221K	140	180	220	(198-242)	360	10	1200	1750	14.0	19	0.25	230	4.5	*	*	*
241K	150	200	240	(216-264)	395	10	1200	1750	15.0	21	0.25	210	4.6	*	*	*
271K	175	225	270	(243-297)	455	10	1200	1750	18.0	24	0.25	185	4.9	*	*	*
301K	190	250	300	(270-330)	500	10	1200	1750	20.0	26	0.25	165	5.0	*	*	*
331K	210	275	330	(297-363)	550	10	1200	1750	23.0	28	0.25	150	5.1	*	*	*
361K	230	300	360	(324-396)	595	10	1200	1750	25.0	32	0.25	140	5.2	*	*	*
391K	250	320	390	(351-429)	650	10	1200	1750	25.0	35	0.25	130	5.4	*	*	*
431K	275	350	430	(387-473)	710	10	1200	1750	28.0	40	0.25	115	5.7	*	*	*
471K	300	385	470	(423-517)	775	10	1200	1750	30.0	42	0.25	105	6.0	*	*	*
511K	320	415	510	(459-561)	845	10	1200	1750	30.0	45	0.25	100	6.2	*	*	*
561K	350	460	560	(504-616)	925	10	1200	1750	30.0	49	0.25	90	6.5	*	*	*
621K	385	505	620	(558-682)	1025	10	1200	1750	33.0	55	0.25	80	7.1	*	*	*
681K	420	560	680	(612-748)	1120	10	1200	1750	33.0	60	0.25	75	7.3	*	*	*