

# 10mm Metal Oxide Varistor

PC36 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 895V
- \* 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		
			V@1Ma (V)	Vc (V)	IP (A)	@ 8/20us	@10/1000us (J)	UL	CSA	VDE						
180K	11	14	18	(15-21)	36	5	500	1000	2.1	3.5	0.05	5600	4.6	*	*	*
220K	14	18	22	(20-24)	43	5	500	1000	2.5	5.0	0.05	4500	4.7	*	*	*
270K	17	22	27	(24-30)	53	5	500	1000	3.0	6.0	0.05	3700	4.8	*	*	*
330K	20	26	33	(30-36)	65	5	500	1000	4.0	7.0	0.05	3000	5.0	*	*	*
390K	25	31	39	(35-43)	77	5	500	1000	4.6	9.0	0.05	2400	5.3	*	*	*
470K	30	38	47	(42-52)	93	5	500	1000	5.5	11.0	0.05	2100	5.4	*	*	*
560K	35	45	56	(50-62)	110	5	500	1000	7.0	13.0	0.05	1800	5.5	*	*	*
680K	40	56	68	(61-75)	135	5	500	1000	8.2	15.0	0.05	1500	5.6	*	*	*
820K	50	65	82	(74-90)	135	25	2500	3500	12.0	17.0	0.40	1200	4.7	*	*	*
101K	60	85	100	(90-110)	165	25	2500	3500	15.0	18.0	0.40	1000	4.9	*	*	*
121K	75	100	120	(108-132)	200	25	2500	3500	18.0	21.0	0.40	830	5.1	*	*	*
151K	95	125	150	(135-165)	250	25	2500	3500	22.0	25.0	0.40	670	5.4	*	*	*
181K	115	150	180	(162-198)	300	25	2500	3500	27.0	30.0	0.40	560	4.8	*	*	*
201K	130	170	200	(185-225)	340	25	2500	3500	30.0	35.0	0.40	500	5.0	*	*	*
221K	140	180	220	(198-242)	360	25	2500	3500	32.0	39.0	0.40	450	5.1	*	*	*
241K	150	200	240	(216-264)	395	25	2500	3500	35.0	42.0	0.40	420	5.2	*	*	*
271K	175	225	270	(243-297)	455	25	2500	3500	40.0	49.0	0.40	370	5.4	*	*	*
301K	190	250	300	(270-330)	500	25	2500	3500	40.0	54.0	0.40	330	5.5	*	*	*
331K	210	275	330	(297-363)	550	25	2500	3500	43.0	58.0	0.40	300	5.8	*	*	*
361K	230	300	360	(324-396)	595	25	2500	3500	47.0	65.0	0.40	280	6.0	*	*	*
391K	250	320	390	(351-429)	650	25	2500	3500	60.0	70.0	0.40	260	6.2	*	*	*
431K	275	350	430	(387-473)	710	25	2500	3500	65.0	80.0	0.40	230	6.5	*	*	*
471K	300	385	470	(423-517)	775	25	2500	3500	70.0	85.0	0.40	210	6.7	*	*	*
511K	320	415	510	(459-561)	845	25	2500	3500	70.0	90.0	0.40	200	6.8	*	*	*
561K	350	460	560	(504-616)	925	25	2500	3500	70.0	92.0	0.40	180	7.0	*	*	*
621K	385	505	620	(558-682)	1025	25	2500	3500	70.0	95.0	0.40	160	7.3	*	*	*
681K	420	560	680	(612-748)	1120	25	2500	3500	70.0	98.0	0.40	150	7.6	*	*	*
751K	460	615	750	(675-825)	1240	25	2500	3500	75.0	100.0	0.40	130	8.0	*	*	*
781K	485	640	780	(702-858)	1290	25	2500	3500	80.0	105.0	0.40	130	8.1	*	*	*
821K	510	670	820	(738-902)	1355	25	2500	3500	85.0	110.0	0.40	120	8.3	*	*	*
911K	550	745	910	(819-1001)	1500	25	2500	3500	93.0	130.0	0.40	110	8.8	*	*	*
102K	625	825	1000	(900-1100)	1650	25	2500	3500	102.0	140.0	0.40	100	9.3	*	*	*
112K	680	895	1100	(990-1210)	1815	25	2500	3500	115.0	155.0	0.40	90	9.9	*	*	*