

25mm Metal Oxide Varistor

PC39 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 1280V
- * 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. 25D	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	30	3000	4500	13	20	0.25	45000	4.8	*	*	*
220K	14	18	22	(20-24)	43	30	3000	4500	16	25	0.25	29000	4.9	*	*	*
270K	17	22	27	(24-30)	53	30	3000	4500	19	30	0.25	26500	5.0	*	*	*
330K	20	26	33	(30-36)	65	30	3000	4500	24	35	0.25	18000	5.2	*	*	*
390K	25	31	39	(35-43)	77	30	3000	4500	28	40	0.25	13500	5.5	*	*	*
470K	30	38	47	(42-52)	93	30	3000	4500	34	50	0.25	11500	5.6	*	*	*
560K	35	45	56	(50-62)	110	30	3000	4500	41	60	0.25	10500	5.7	*	*	*
680K	40	56	68	(61-75)	135	30	3000	4500	49	70	0.25	9050	5.8	*	*	*
820K	50	65	82	(74-90)	135	30	3000	4500	56	80	0.25	7700	4.9	*	*	*
101K	60	85	100	(90-110)	165	150	15000	18000	70	100	1.20	6300	5.1	*	*	*
121K	75	100	120	(108-132)	200	150	15000	18000	85	120	1.20	5200	5.3	*	*	*
151K	95	125	150	(135-165)	250	150	15000	18000	106	160	1.20	4300	5.6	*	*	*
181K	115	150	180	(162-198)	300	150	15000	18000	130	175	1.20	3500	5.2	*	*	*
201K	130	170	200	(185-225)	340	150	15000	18000	140	190	1.20	3200	5.4	*	*	*
221K	140	180	220	(198-242)	360	150	15000	18000	155	200	1.20	2900	5.5	*	*	*
241K	150	200	240	(216-264)	395	150	15000	18000	168	220	1.20	2650	5.6	*	*	*
271K	175	225	270	(243-297)	455	150	15000	18000	190	255	1.20	2400	5.8	*	*	*
301K	190	250	300	(270-330)	500	150	15000	18000	210	275	1.20	2100	5.9	*	*	*
331K	210	275	330	(297-363)	550	150	15000	18000	228	300	1.20	1900	6.1	*	*	*
361K	230	300	360	(324-396)	595	150	15000	18000	255	330	1.20	1750	6.4	*	*	*
391K	250	320	390	(351-429)	650	150	15000	18000	275	360	1.20	1600	6.6	*	*	*
431K	275	350	430	(387-473)	710	150	15000	18000	305	380	1.20	1500	6.9	*	*	*
471K	300	385	470	(423-517)	775	150	15000	18000	350	400	1.20	1400	7.1	*	*	*
511K	320	415	510	(459-561)	845	150	15000	18000	382	420	1.20	1250	7.2	*	*	*
561K	350	460	560	(504-616)	925	150	15000	18000	380	440	1.20	1150	7.4	*	*	*
621K	385	505	620	(558-682)	1025	150	15000	18000	380	450	1.20	1050	7.7	*	*	*
681K	420	560	680	(612-748)	1120	150	15000	18000	380	460	1.20	950	8.0	*	*	*
751K	460	615	750	(675-825)	1240	150	15000	18000	380	510	1.20	850	8.4	*	*	*
781K	485	640	780	(702-858)	1290	150	15000	18000	440	530	1.20	800	8.5	*	*	*
821K	510	670	820	(738-902)	1355	150	15000	18000	460	570	1.20	750	8.7	*	*	*
911K	550	745	910	(819-1001)	1500	150	15000	18000	510	620	1.20	700	9.2	*	*	*
102K	625	825	1000	(900-1100)	1650	150	15000	18000	565	685	1.20	650	9.7	*	*	*
112K	680	895	1100	(990-1210)	1815	150	15000	18000	620	770	1.20	600	10.3	-	*	*
122K	750	990	1200	(1080-1320)	1980	150	15000	18000	631	770	1.20	550	10.8	-	*	-
142K	880	1140	1400	(1260-1540)	2310	150	15000	18000	697	850	1.20	500	-	-	-	-
162K	1000	1280	1600	(1440-1760)	2640	150	15000	18000	805	970	1.20	450	-	-	*	-