





ZINC OXIDE VARISTOR

● 07D Series Specification

Part Number	Maximum Allowable Voltage		Varistor Voltage V _{1mA} (V)	Clamping voltage (Max.)		Maximum Peak Current (8/20μs)		Maximum Energy (JOULE)		Rated Power (W)	Typical Capacitance (Reference) @ 1 KHz (pf)		
	ACrms	DC		VC	IP	1Time	2Times	10/1000	2ms				
	(V)	(V)	(V)	(A)	(A)	(A)	μs						
ZOV-07D180L	11	14	18(15.5-21.0)	36	2.5	250	125	0.9	0.8	0.02	2800	*	
ZOV-07D220K	14	18	22(20-24)	43	2.5	250	125	1.1	0.9	0.02	2300	*	
ZOV-07D270K	17	22	27(24-30)	53	2.5	250	125	1.4	1.0	0.02	1800	*	
ZOV-07D330K	20	26	33(30-36)	65	2.5	250	125	1.7	1.2	0.02	1500	*	
ZOV-07D390K	25	31	39(35-43)	77	2.5	250	125	2.1	1.5	0.02	1300	*	
ZOV-07D470K	30	38	47(42-52)	93	2.5	250	125	2.5	1.8	0.02	1100	*	
ZOV-07D560K	35	45	56(50-62)	110	2.5	250	125	3.1	2.2	0.02	890	*	
ZOV-07D680K	40	56	68(61-75)	135	2.5	250	125	3.6	2.5	0.02	740	*	
ZOV-07D820K	50	65	82(74-90)	135	10	1200	600	5.5	3.5	0.25	600	*	
ZOV-07D101K	60	85	100(90-110)	165	10	1200	600	6.5	4.0	0.25	500	*	
ZOV-07D121K	75	100	120(108-132)	200	10	1200	600	7.8	5.0	0.25	420	*	
ZOV-07D151K	95	125	150(135-165)	250	10	1200	600	9.7	6.0	0.25	330	*	
ZOV-07D181K	115	150	180(162-198)	300	10	1200	600	11.7	8.5	0.25	280	*	
ZOV-07D201K	130	170	200(185-225)	340	10	1200	600	13.0	10.0	0.25	250	*	*
ZOV-07D221K	140	180	220(198-242)	360	10	1200	600	14.0	10.0	0.25	230	*	*
ZOV-07D241K	150	200	240(216-264)	395	10	1200	600	15.0	10.0	0.25	210	*	*
ZOV-07D271K	175	225	270(243-297)	455	10	1200	600	18.0	12.0	0.25	185	*	*
ZOV-07D301K	190	250	300(270-330)	500	10	1200	600	20.0	13.0	0.25	165	*	*
ZOV-07D331K	210	275	330(297-363)	550	10	1200	600	23.0	14.0	0.25	150	*	*
ZOV-07D361K	230	300	360(324-396)	595	10	1200	600	25.0	15.0	0.25	140	*	*
ZOV-07D391K	250	320	390(351-429)	650	10	1200	600	25.0	17.0	0.25	130	*	*
ZOV-07D431K	275	350	430(387-473)	710	10	1200	600	28.0	20.0	0.25	115	*	*
ZOV-07D471K	300	385	470(423-517)	775	10	1200	600	30.0	20.0	0.25	105	*	*
ZOV-07D511K	320	415	510(459-561)	845	10	1200	600	30.0	20.0	0.25	100	*	*
ZOV-07D561K	350	460	560(504-616)	920	10	1200	600	30.0	20.0	0.25	90	*	*
ZOV-07D621K	385	505	620(558-682)	1025	10	1200	600	33.0	22.0	0.25	80	*	*
ZOV-07D681K	420	560	680(612-748)	1120	10	1200	600	33.0	22.0	0.25	75	*	*