

ZINC OXIDE VARISTOR 7 ϕ



Specifications

Part No.	Maximum Allowable Voltage		Maximum Energy		Withstanding Surge Current		Rated Wattage (W)	Varistor Voltage V1mA (V)	Maximum Clamping Voltage V10A (V)	Typical Capacitance (Reference) @1KHz (PF)	UL	CS	D E
	ACrms (V)	DC (V)	(10/1000 μ s) (J)	(2ms) (J)	1 time (A)	2 times (A)							
821KD07	510	670	67.2	48.0	1200	600	0.25	820(738-902)	1355	60			
781KD07	485	640	67.2	48.0				780(702-858)	1290	65			
751KD07	460	615	67.2	48.0				750(675-825)	1240	65			
681KD07	420	560	61.6	44.0				680(612-748)	1120	75			
621KD07	385	505	61.6	44.0				620(558-682)	1025	80			
561KD07	350	460	56.0	40.0				560(504-616)	920	90	*	*	*
511KD07	320	415	56.0	40.0				510(459-561)	845	100	-	-	-
471KD07	300	385	56.0	40.0				470(423-517)	775	105	*	*	*
431KD07	275	350	50.4	36.0				430(387-473)	710	115	*	*	*
391KD07	250	320	46.2	33.0				390(351-429)	650	150	*	*	*
361KD07	230	300	42.0	30.0				360(324-396)	595	140	*	*	*
331KD07	210	275	37.8	27.0				330(297-363)	550	150	*	*	*
301KD07	190	250	35.0	25.0				300(270-330)	500	165	*	*	*
271KD07	175	225	32.2	23.0				270(243-297)	455	175	*	*	*
241KD07	150	200	28.0	20.0				240(216-264)	395	210	*	*	*
221KD07	140	180	28.0	20.0				220(198-242)	360	230	*	*	*
201KD07	130	170	25.2	18.0				200(185-225)	340	250	*	*	*
181KD07	115	150	18.2	13.0				180(162-198)	300	280	*	*	*
151KD07	95	125	16.8	12.0				150(135-165)	250	330	*	*	*
121KD07	75	100	14.0	10.0				120(108-132)	200	420	*	*	*
101KD07	60	85	11.6	8.3				100(90-110)	165	500	*	*	*
820KD07	50	65	9.8	7.0				80(74-90)	135	600	*	*	*
680KD07	40	56	7.3	5.2				60(61-75)	*135	740	*		
560KD07	35	45	6.2	4.4				56(50-62)	*110	890	*		
470KD07	30	38	5.0	3.6	47(42-52)	*93	1100	*					
390KD07	25	31	4.2	3.0	39(35-43)	*77	1300	*					
330KD07	20	26	3.5	2.5	33(30-36)	*65	1500	*					
270KD07	17	22	2.8	2.0	27(24-30)	*53	1800	*					
220KD07	14	18	2.4	1.7	22(18.7-26)	*43	2300	*					
180LD07	10	14	2.1	1.5	18(14.4-21.6)	*38	2800	*					
120MD07	6	8	1.7	1.2	12(9-16)	*30	4200	*					
8R0MD07	4	5.5	1.4	1.0	8(6-11)	*20	6300	*					

*680K--8R0M Max. Clamping Voltage testing current 2.5A.

Dimensions in mm

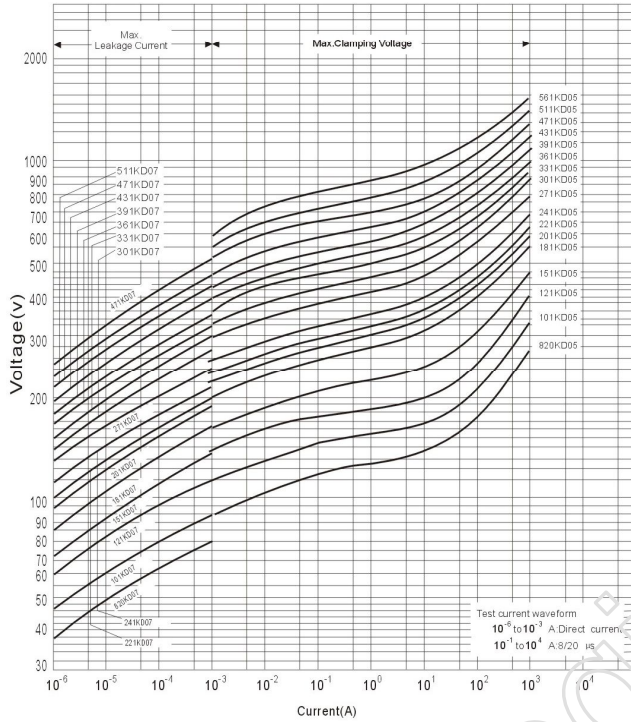
Dimensions(mm)	Model No.	T MAX.	D MAX.	H MAX.	d	E ± 0.8	L MIN.
	8R0MD07	4.5	9	12	0.6	5	20
	680KD07	5.2					
	820KD07	4.1	9	12	0.6	5	20
	471KD07	6.0					
	511KD07	6.4	9	12	0.6	5	20
751KD07	7.9						



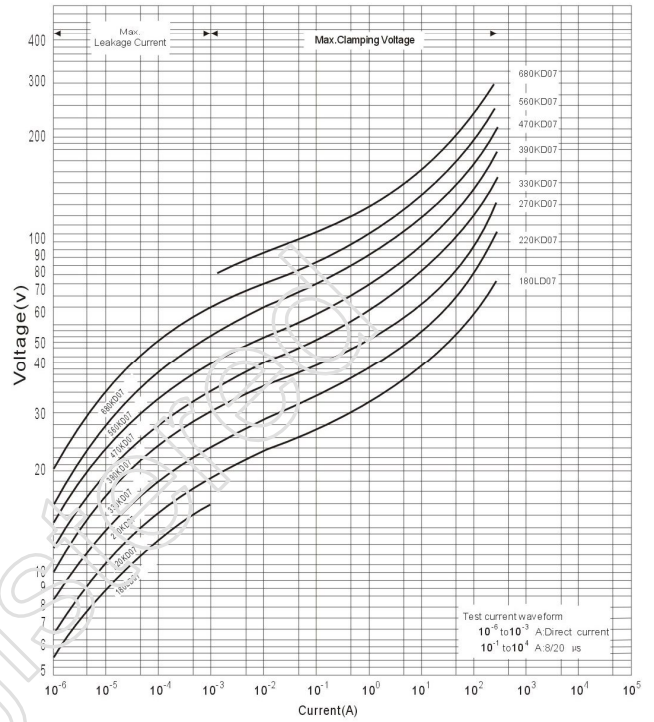
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V-I CURVES AND LIFE TIME

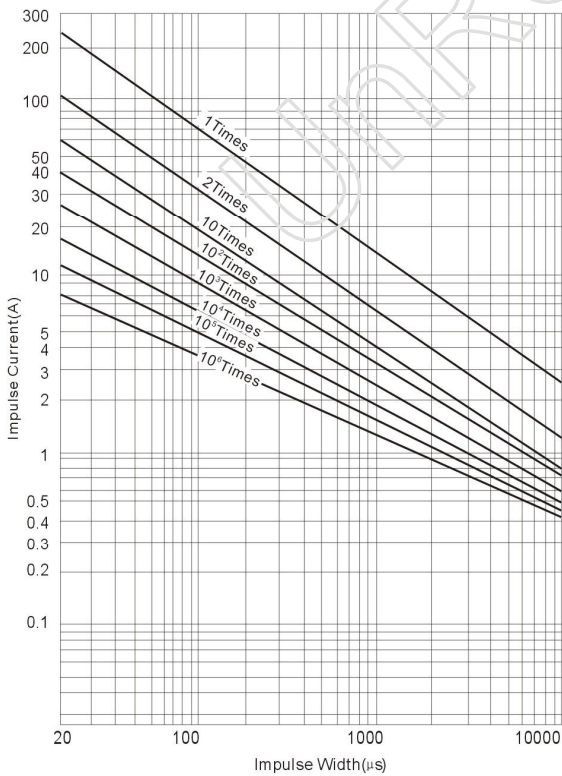
V-I Curve[820KD07 to 560KD07]



V-I Curve[180LD07 to 680KD07]



Suger Life Time Reting [180LD07 to 380KD07]



Suger Life Time Reting [820KD07 to 821KD07]

