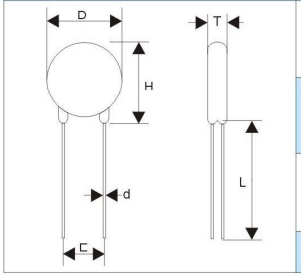
ZINC OXIDE VARISTOR 14 ϕ

Specifications

Part No.	Maximum Allowable Voltage		Maximum Energy		Withstanding Surge Current		Rated Wattage	Varistor Voltage	Maximum Clamping Voltage	Typical Capacitance (Reference)			
	ACrms (V)	DC (V)	(10/1000μs) (J)	(2ms) (J)	1 time (A)	2 times (A)	(W)	VImA (V)	V10A (V)	@1KHz (PF)			
182KD14	1000	1465	336.0	240.0				1800(1620-1980)	2970	110			
152KD14	750	1300	266.0	190.0				1500(1350-1650)	2475	130			
112KD14	680	895	217.0	155.0				1100(990-1210)	1815	180			*
102KD14	625	825	217.0	155.0				1000(900-1100)	1650	200	*	*	*
911KD14	550	745	217.0	155.0				910(819-1001)	1500	220	*	*	*
821KD14	510	670	203.0	145.0				820(738-902)	1355	240	*	*	*
781KD14	485	640	203.0	145.0				780(702-858)	1290	260	*	*	*
751KD14	460	615	203.0	145.0				750(675-825)	1240	270	*	*	*
681KD14	420	560	168.0	120.0				680(612-748)	1150	290	*	*	*
621KD14	385	505	168.0	120.0				620(558-682)	1025	320	*	*	*
561KD14	350	460	149.8	107.0				560(504-616)	920	360	*	*	*
511KD14	320	415	149.8	107.0	4500	2500	0.6	510(459-561)	845	390	*	*	*
471KD14	300	385	149.8	107.0				470(423-517)	775	430	*	*	*
431KD14	275	350	145.6	104.0				430(387-473)	710	460	*	*	*
391KD14	250	320	134.4	96.0				390(351-429)	650	510	*	*	*
361KD14	230	300	123.2	88.0				360(324-396)	595	560	*	*	*
331KD14	210	275	112.0	80.0				330(297-363)	550	610	*	*	*
301KD14	190	250	103.6	74.0				300(270-330)	500	670	*	*	*
271KD14	175	225	93.8	67.0				270(243-297)	455	740	*	*	*
241KD14	150	200	82.6	59.0				240(216-264)	395	830	*	*	*
221KD14	140	180	79.8	57.0				220(198-242)	360	900	*	*	*
201KD14	130	170	79.8	57.0				200(185-215)	340	1000	*	*	*
181KD14	115	150	58.8	42.0				180(162-198)	300	1100	*		*
151KD14	95	125	51.8	37.0				150(135-165)	250	1300	*		*
121KD14	75	100	40.6	29.0				120(108-132)	200	1700	*		*
101KD14	60	85	33.6	24.0				100(90-110)	165	2000	*		*
820KD14	50	65	29.4	21.0				82(74-90)	135	2400	*		*
680KD14	40	56	23.8	17.0				68(61-75)	*135	2900	*		
560KD14	35	45	19.6	14.0				56(50-62)	*110	3600	*		
470KD14	30	38	16.8	12.0	1000	500	0.1	47(42-52)	*93	4300	*		
390KD14	25	31	13.2	9.4				39(35-43)	*77	5100	*		
330KD14	20	26	12.3	8.2				33(30-36)	*65	6100	*		
270KD14	17	22	9.7	6.9				27(24-30)	*53	7400	*		
220KD14	14	18	7.6	5.4				22(18.7-26)	*43	9100	*		
180LD14	10	14	6.6	4.7				18(14.4-21.6)	*38	11100	*		

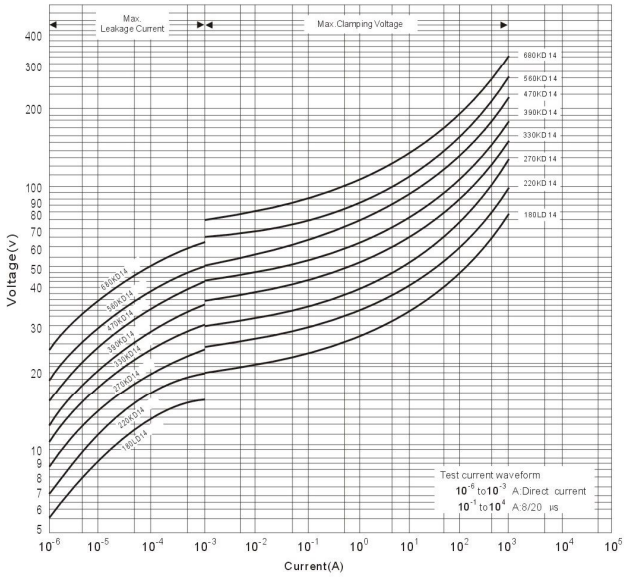
*680K--180L Max. Clamping Voltage testing current 10A.

Dimensions in mm

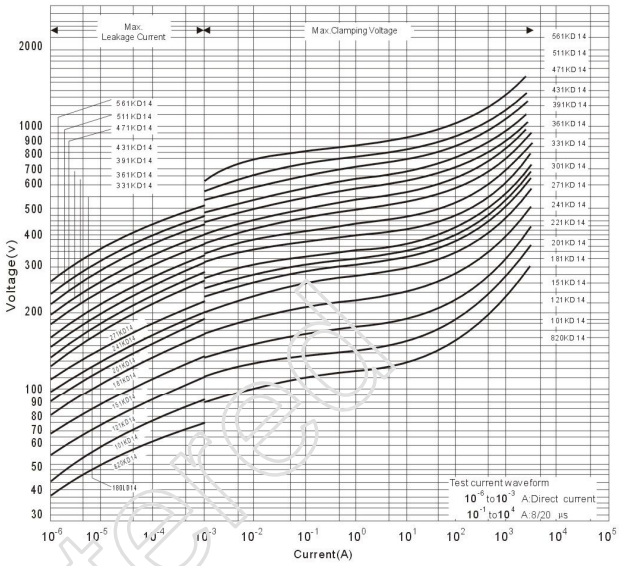
Dimensions(mm)	Model No.	T MAX.	D MAX.	H MAX.	d	E ±0.8	L MIN.
	180LD14 | 680KD14	4.5 | 5.2	17	20	0.8	7.5	20
	820KD14 | 471KD14	4.1 | 6.0	17	20	0.8	7.5	20
	511KD14 | 152KD14	6.4 | 9.7	17	18.5	0.8	8	20
	182KD14	14.4	17	22	0.8	15(±1.0)	20

V-I CURVES AND LIFE TIME

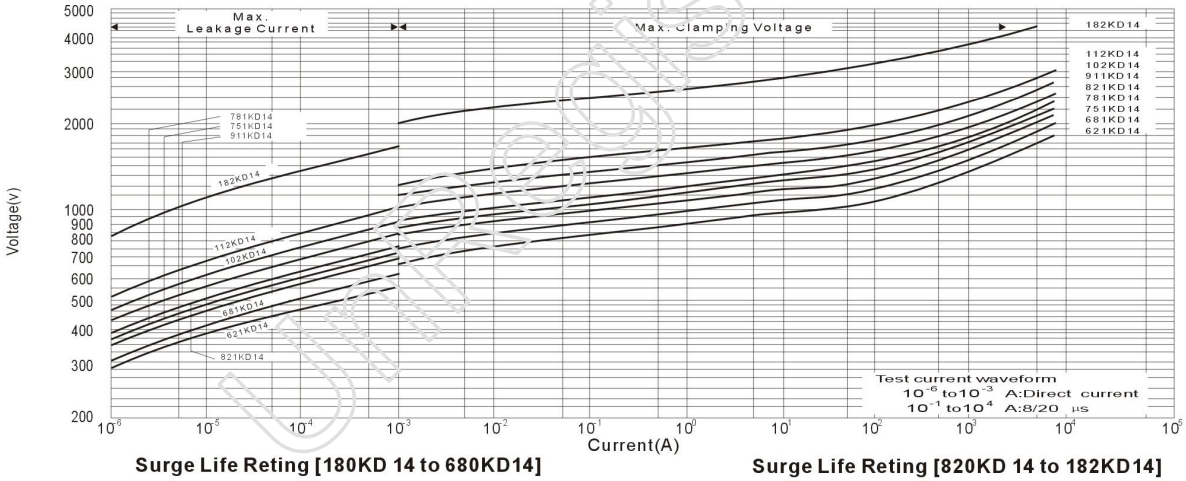
V-I Curve[180LD 14 to 860KD14]



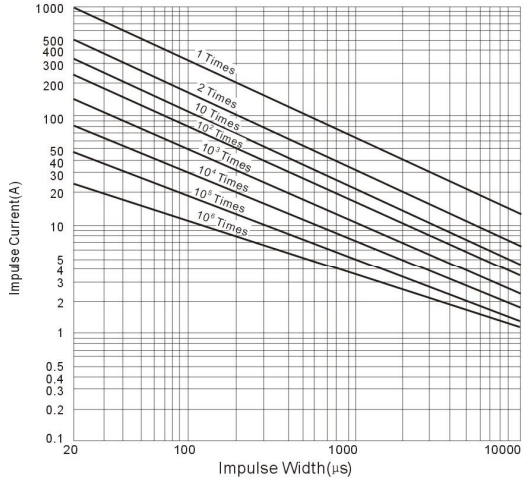
V-I Curve[820KD 14 to 561KD14]



V-I Curve[621KD 14 to 182KD14]



Surge Life Reting [180KD 14 to 680KD14]



Surge Life Reting [820KD 14 to 182KD14]