

DNR[®] Transient/Surge Absorbers

14D Series

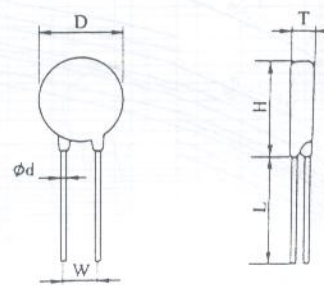
REVISION DNR14D-REV02.03.2011 14D02.1.14

Model No	MAX. Applied Voltage		MAX. Energy	MAX. Peak Current	Rated Wattage	Clamping Voltage		Varistor Voltage	Typical Capacitance			
	(continuous)		(2ms)	(8/20 μ s)		(A)	(V)	V 0.1mA	IKHz			
	ACrms (V)	DC(V)	(J)	(A)				(W)	(V)	(pF)		
DNR14D180K	11	14	3.5	1000/1 time	0.1	10	36	18 (16-20)	18000			
DNR14D220K	14	18	4.0				43	22 (20-24)	15000			
DNR14D270K	17	22	5.0				53	27 (24-30)	10000			
DNR14D330K	20	26	6.0				65	33 (30-36)	7500			
DNR14D390K	25	31	7.0				77	39 (35-43)	6500			
DNR14D470K	30	38	8.5				93	47 (42-52)	5500			
DNR14D560K	35	45	10.0				110	56 (50-62)	4500			
DNR14D680K	40	56	12.0				135	68 (61-75)	3300			
DNR14D820K	50	65	14.0				4500/1 time	0.6	50	135	82 (74-90)	2900
DNR14D101K	60	85	18.0							165	100 (90-110)	2400
DNR14D121K	75	100	22.0	200	120 (108-132)	1900						
DNR14D151K	95	125	25.0	250	150 (135-165)	1500						
DNR14D181K	115	150	30	300	180 (162-198)	1300						
DNR14D201K	130	170	35.0	340	200 (180-220)	1000						
DNR14D221K	140	180	40	360	220 (198-242)	1000						
DNR14D241K	150	200	40	395	240 (216-264)	900						
DNR14D271K	175	225	50	455	270 (243-297)	750						
DNR14D331K	210	275	60	550	330 (297-363)	650						
DNR14D361K	230	300	65	595	360 (324-396)	550						
DNR14D391K	250	320	70	650	390 (351-429)	500						
DNR14D431K	275	350	75	710	430 (387-473)	450						
DNR14D471K	300	385	80	775	470 (423-517)	400						
DNR14D561K	350	455	80	925	560(504-616)	350						
DNR14D621K	385	505	85	1025	620(558-682)	250						
DNR14D681K	420	560	90	1120	680(612-748)	250						
DNR14D751K	460	615	100	1240	750(675-825)	230						
DNR14D781K	485	640	105	1290	780(702-858)	230						
DNR14D821K	510	670	110	1355	820(738-902)	200						
DNR14D911K	550	745	120	1500	910(819-1001)	180						
DNR14D102K	625	825	130	1650	1000(900-1100)	150						
DNR14D112K	680	895	140	1815	1100(990-1210)	150						
DNR14D182K	1000	1465	240	2970	1800(1620-1980)	100						

Operating Temperature: - 40 °C ~ +85 °C

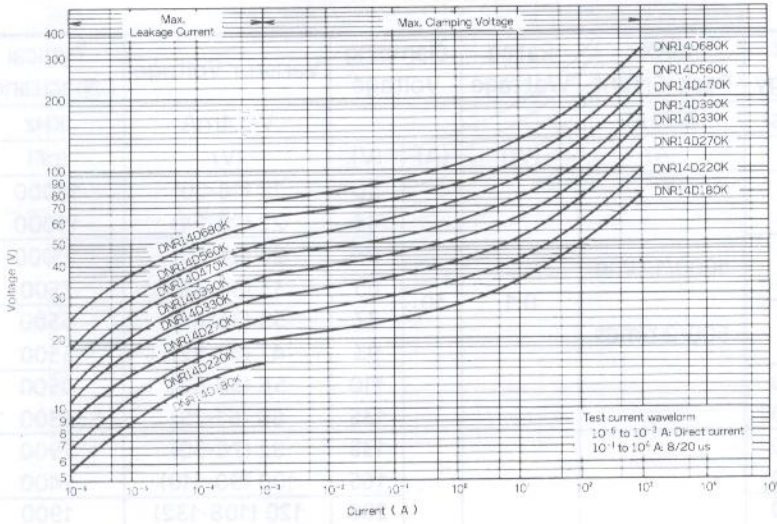
Storage Temperature: - 50 °C ~ +125 °C

Dimensions

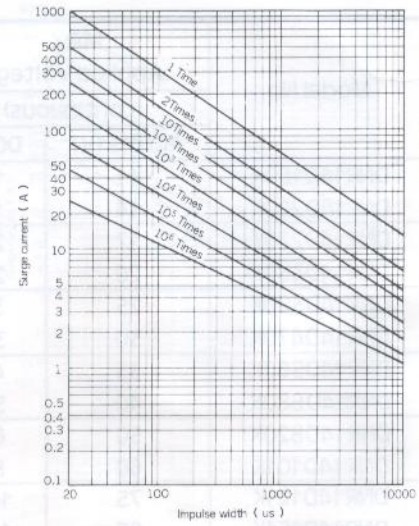
Model No.	T MAX.	D MAX.	H MAX.	W \pm 1.0	L Min	ϕ d	Dimensions (mm)
DNR14D180K	5.1	17.0	20.0	7.5	25	0.8	
DNR14D271K							
DNR14D361K	8.5	17.5	20.5	12.0	25	0.8	
DNR14D112K							
DNR14D182K	14.0	19.0	22.0	12.0	25	0.8	

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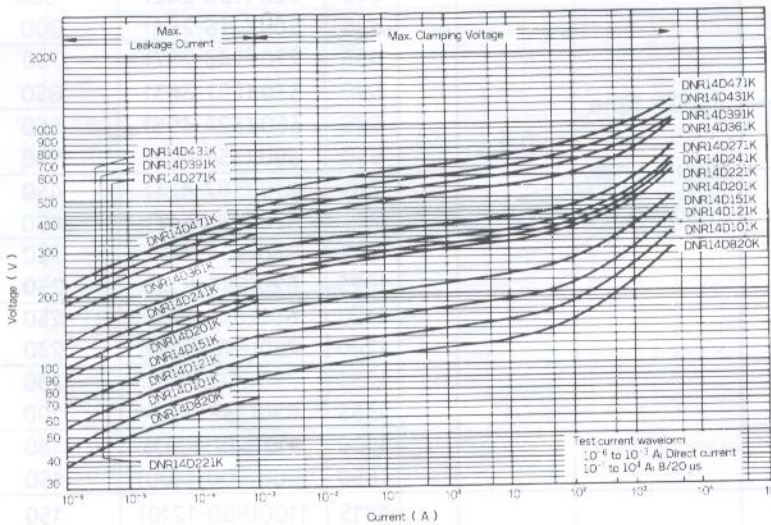
V-I Curve DNR14D180K to DNR14D680K



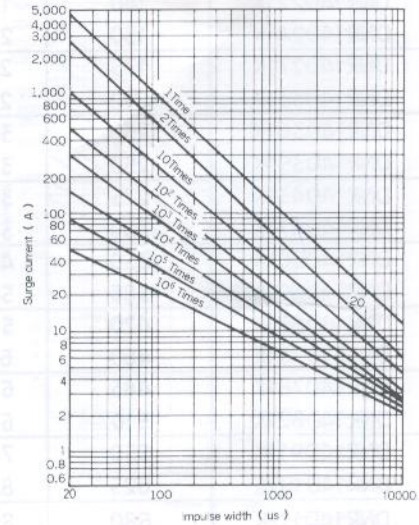
PULSE LIFE TIME RATINGS



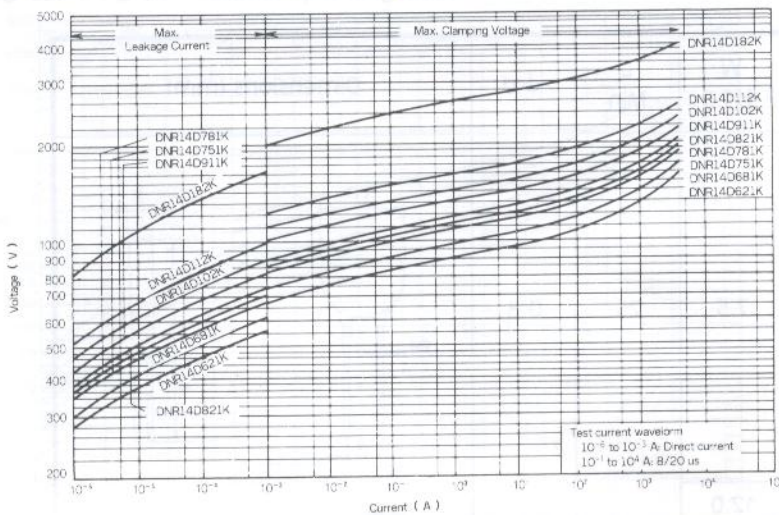
V-I Curve DNR14D820K to DNR14D471K



PULSE LIFE TIME RATINGS



V-I Curve DNR14D621K to DNR14D182K



PULSE LIFE TIME RATINGS

