

DNR[®] Transient/Surge Absorbers

10D Series

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)				(V)	(pF)
DNR10D180K	11	14	1.5	500/1 time 250/2 times	0.05	5	36	18 (16-20)	7500
DNR10D220K	14	18	2.0				43	22 (20-24)	6000
DNR10D270K	17	22	2.5				53	27 (24-30)	4000
DNR10D330K	20	26	3.0				65	33 (30-36)	3000
DNR10D390K	25	31	3.5				77	39 (35-43)	2600
DNR10D470K	30	38	4.5				93	47 (42-52)	2200
DNR10D560K	35	45	5.5				110	56 (50-62)	1800
DNR10D680K	40	56	6.5				135	68 (61-75)	1800
DNR10D820K	50	65	8	2500/1 time 1250/2 times	0.4	25	135	82 (74-90)	1800
DNR10D101K	60	85	10				165	100 (90-110)	1400
DNR10D121K	75	100	12				200	120 (108-132)	1100
DNR10D151K	95	125	16				250	150 (135-165)	900
DNR10D181K	115	150	18				300	180 (162-198)	660
DNR10D201K	130	170	20				340	200 (180-220)	500
DNR10D221K	140	180	23				360	220 (198-242)	450
DNR10D241K	150	200	25				395	240 (216-264)	400
DNR10D271K	175	225	30				455	270 (243-297)	350
DNR10D331K	210	275	30				550	330 (297-363)	315
DNR10D361K	230	300	35				595	360 (324-396)	300
DNR10D391K	250	320	40				650	390 (351-429)	270
DNR10D431K	275	350	45				710	430 (387-473)	250
DNR10D471K	300	385	45				775	470 (423-517)	230
DNR10D561K	350	455	45				925	560(504-616)	190
DNR10D621K	385	505	45				1025	620(558-682)	130
DNR10D681K	420	560	45				1120	680(612-748)	130
DNR10D751K	460	615	50				1240	750(675-825)	120
DNR10D781K	485	640	50				1290	780(702-858)	120
DNR10D821K	510	670	55				1355	820(738-902)	110
DNR10D911K	550	745	60	1500	910(819-1001)	100			
DNR10D102K	625	825	65	1650	1000(900-1100)	90			
DNR10D112K	680	895	70	1815	1100(990-1210)	80			

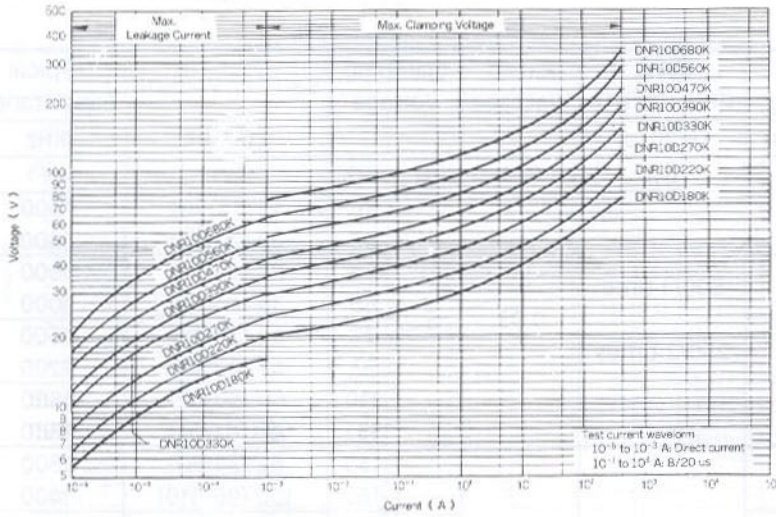
Operating Temperature: - 40 °C ~ +85 °C
Storage Temperature: - 50 °C ~ +125 °C

Dimensions

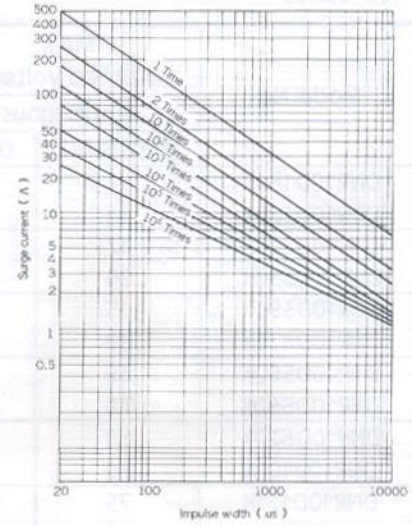
Model No.	T MAX.	D MAX.	H MAX.	W \pm 1.0	L Min	ϕ d	Dimensions (mm)
DNR10D180K	5.1	13.5	16.5	7.5	25	0.8	
DNR10D271K							
DNR10D361K	8.5	14.0	17.0				
DNR10D112K							

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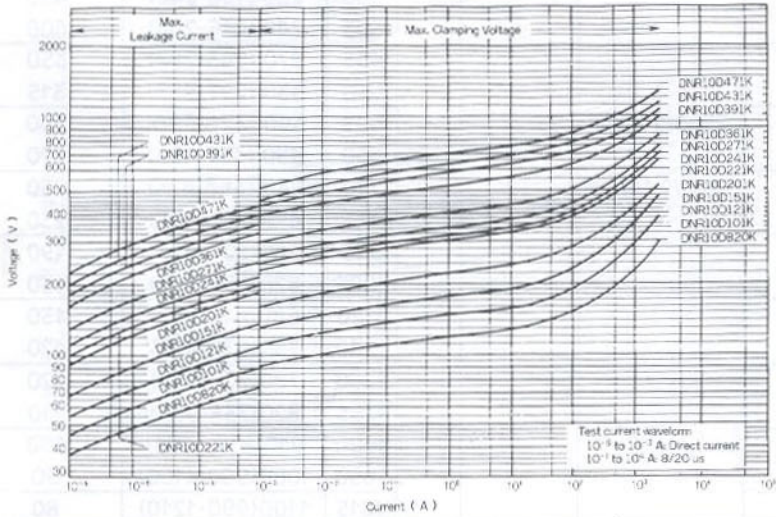
V-I Curve DNR10D180K to DNR10D680K



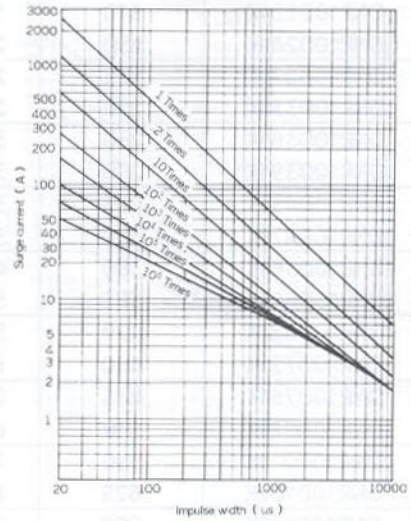
PULSE LIFE TIME RATINGS



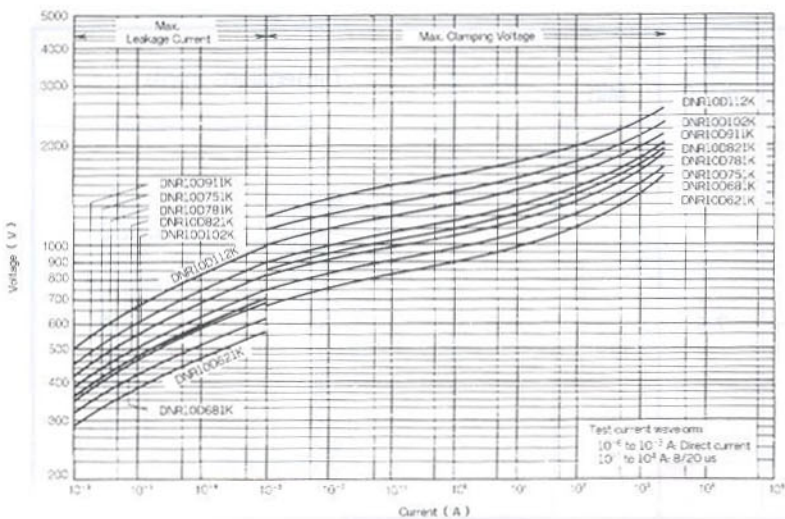
V-I Curve DNR10D820K to DNR10D471K



PULSE LIFE TIME RATINGS



V-I Curve DNR10D621K to DNR10D112K



PULSE LIFE TIME RATINGS

