

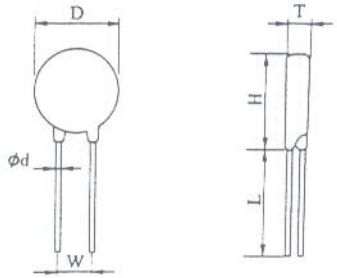
DNR[®] Transient/Surge Absorbers

5D 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)				V 0.1mA	IKHz			
	ACrms (V)	DC(V)	(J)	(A)	(W)	(A)	(V)	(V)	(pF)			
DNR5D180K DNR5D220K	11 14	14 18	0.3 0.4	100/1 time 50/2 times	0.01	1	40 48	18 (16-20) 22 (20-24)	1600 1300			
DNR5D270K DNR5D330K	17 20	22 26	0.5 0.6				60 73	27 (24-30) 33 (30-36)	1050 900			
DNR5D390K DNR5D470K	25 30	31 38	0.8 1.0				86 104	39 (35-43) 47 (42-52)	500 450			
DNR5D560K DNR5D680K	35 40	45 56	1.0 1.2				123 150	56 (50-62) 68 (61-75)	400 350			
DNR5D820K DNR5D101K	50 60	65 85	1.7 2.0				400/1 time 200/2 times	0.1	5	145 175	82 (74-90) 100 (90-110)	250 200
DNR5D121K DNR5D151K	75 95	100 125	2.5 3.0							210 260	120 (108-132) 150 (135-165)	170 140
DNR5D181K DNR5D201K	115 130	150 170	3.5 4.0	315 355	180 (162-198) 200 (180-220)	110 80						
DNR5D221K DNR5D241K	140 150	180 200	4.5 5.0	380 415	220 (198-242) 240 (216-264)	70 70						
DNR5D271K DNR5D331K	175 210	225 275	6.0 6.5	475 580	270 (243-297) 330 (297-363)	65 55						
DNR5D361K DNR5D391K	230 250	300 320	7.5 8.0	620 675	360 (324-396) 390 (351-429)	50 50						
DNR5D431K DNR5D471K	275 300	350 385	9.0 10.0	745 810	430 (387-473) 470 (423-517)	45 40						

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

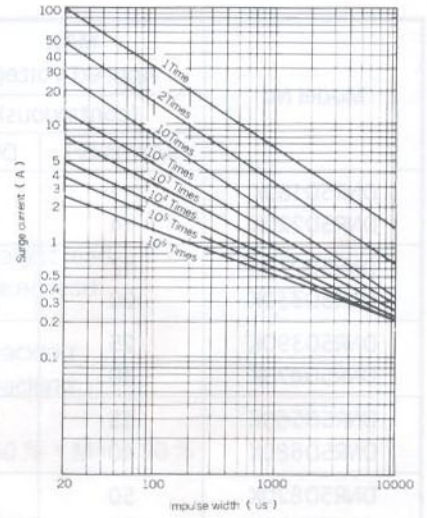
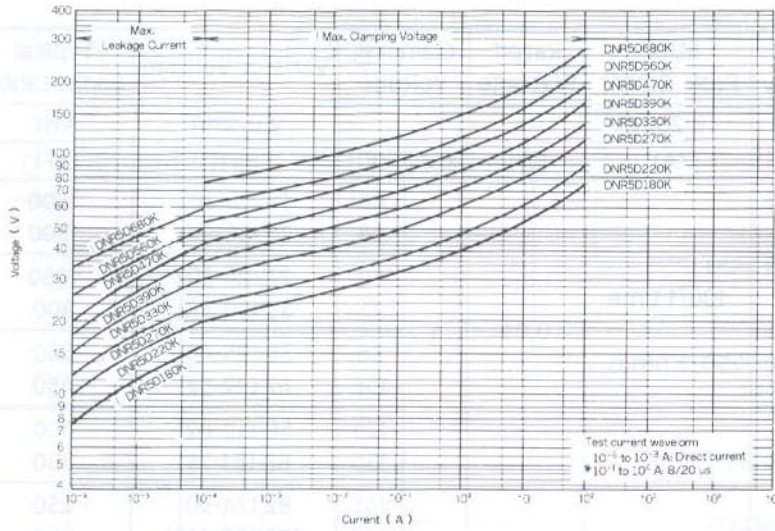
Dimensions

Model No.	T MAX.	D MAX.	H MAX.	W \pm 1.0	L Min	ϕ d	Dimensions (mm)
DNR5D180K DNR5D271K	4.6	7.5	10	5.0	25	0.6	
DNR5D331K DNR5D471K	6						

DNR[®] Transient/Surge Absorbers

V-I Curve DNR5D180K to DNR5D680K

PULSE LIFE TIME RATINGS



V-I Curve DNR5D820K to DNR5D471K

PULSE LIFE TIME RATINGS

