

V SERIES

(Disc Type Radial Lead, High Current, Small Size)

● TNR Features

1. Smaller size than "G" Series with superior characteristics
2. Excellent transient voltage suppression
3. High discharge current capability
4. Wide range of voltage ratings
5. Symmetrical V-I characteristics (Non Polarity)
6. Instantaneous response
7. Steady operation for repeating surge
8. Low temperature coefficient
9. High reliability

Operating temp. range: -40- + 85°C

Storage temp. range: -50- + 125°C



■ V Standard Ratings

Model No.	Varistor voltages Vo: 1mA: 5V type V1mA: Other type	Max. allowable voltage		Max. clamping voltage at 8/20μs (V)	Rated power (W)	Max. energy at 2ms (J)	Max. peak current at 8/20μs	
		ACrms (V)	DC (V)				1 time (A)	2 times (A)
TNR5V820K	82(74~90)	50	65	(5A) 145	0.1	2.5	800	600
TNR5V471K	470(423~517)	300	385	810		15		
TNR7V820K	82(74~90)	50	65	(10A) 135	0.25	5	1750	1250
TNR7V511K	510(459~561)	320	410	845		32		
TNR10V820K	82(74~90)	50	65	(25A) 135	0.4	10	3500	2500
TNR10V182K	1800(1700~1980)	1000	1465	2970		183		
TNR14V820K	82(74~90)	50	65	(50A) 135	0.6	20	6000	4500
TNR14V182K	1800(1700~1980)	1000	1465	2970		360		
TNR20V820K	82(74~90)	50	65	(100A) 135	1.0	40	10000	6500
TNR20V182K	1800(1700~1980)	1000	1465	2970		720		

