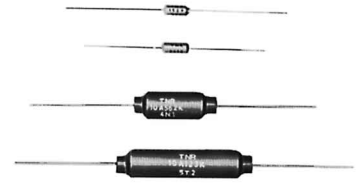


# A Series

High Varistor Voltage (Axial Lead Type)

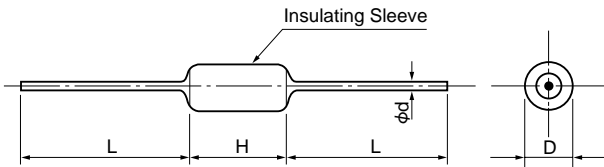


## STANDARD RATINGS

Part Number	Previous Part Number (Just for your reference)	Maximum Ratings					Max. Clamping Voltage V <sub>2A</sub> (V)	Varistor Voltage V <sub>0.1mA</sub> (V)	H Max. (mm)
		Max. Allowable Voltage		Max. Peak Current	Max. Energy	Rated Wattage			
4A Type		AC (Vrms)	DC (V)	8/20μs(A)	2ms(J)	(W)			
TNL04A-122KB00AAA0	TNR4A122K	620	880		1.8		2,200	1,200 ( 1,080~ 1,320)	11
TNL04A-152KB00AAA0	TNR4A152K	780	1,100	40A/1 time	2.0	0.05	2,600	1,500 ( 1,350~ 1,650)	12
TNL04A-182KB00AAA0	TNR4A182K	930	1,300	20A/2 times	2.5		3,100	1,800 ( 1,620~ 1,980)	13
TNL04A-202KB00AAA0	TNR4A202K	1,040	1,450		3.0		3,500	2,000 ( 1,800~ 2,200)	15
10A Type		AC (Vrms)	DC (V)	8/20μs(A)	2ms(J)		(W)	V <sub>5A</sub> (V)	(V)
TNL10A-472KB00AAA0	TNR10A472K	2,200	3,100		10	0.5	8,700	4,700 ( 4,230~ 5,170)	40
TNL10A-562KB00AAA0	TNR10A562K	2,600	3,700		10		10,000	5,600 ( 5,040~ 6,160)	
TNL10A-582KB00AAA0	TNR10A582K	3,200	4,500	100A/1 time	10		12,000	6,800 ( 6,120~ 7,480)	
TNL10A-822KB00AAA0	TNR10A822K	3,900	5,500	50A/2 times	10		16,000	8,200 ( 7,380~ 9,020)	
TNL10A-103KB00AAA0	TNR10A103K	4,700	6,700		15		19,500	10,000 ( 9,000~11,000)	55
TNL10A-123KB00AAA0	TNR10A123K	5,700	8,100		15		21,500	12,000 (10,800~13,200)	

Operating Temperature Range -40 to +85°C Storage Temperature Range -50 to +105°C

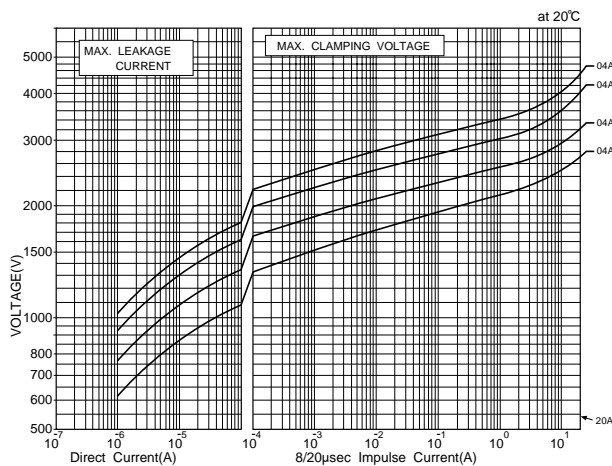
## DIMENSIONS [mm (in.)]



Type	4A Type	10A Type
D	4±1	10±1
L	25 Min.	30 Min.
φd	0.6	1

## V-I CURVE

●TNL04A-122K~202K



## V-I CURVE

●TNL10A-472K~123K

