



METAL OXIDE VARISTORS TNR®

32HP Series

High Peak Current with tabs



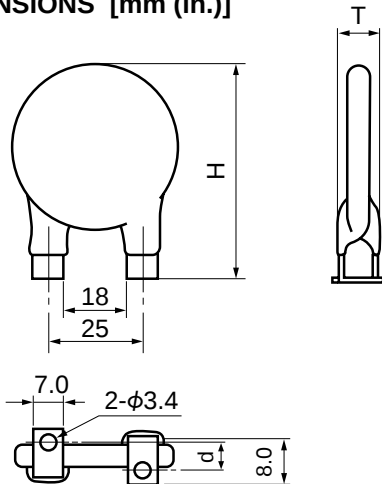
STANDARD RATINGS

Operating Temperature Range: -40 to +85°C

Storage Temperature Range: -50 to +125°C

Part Number	Previous Part Number (Just for your reference)	Maximum Ratings					Max. Clamping Voltage V200A (V)	Capacitance Typical @1kHz (pF)	Varistor Voltage V1mA (V)
		Max. Allowable Voltage		Max. Peak Current	Max. Energy	Rated Wattage			
		AC (Vrms)	DC (V)	8/20μs(kA)	2ms(J)	(W)			
TNT32HP221KB00AAA0	TNR32HP221K310	140	180	25,000A/1 time	200	1.2	360	5,500	220 (198~ 242)
TNT32HP241KB00AAA0	TNR32HP241K310	150	200		240		395	4,800	240 (216~ 264)
TNT32HP271KB00AAA0	TNR32HP271K310	175	225		260		445	4,200	270 (243~ 297)
TNT32HP391KB00AAA0	TNR32HP391K310	250	320		350		650	3,500	390 (351~ 429)
TNT32HP431KB00AAA0	TNR32HP431K310	275	350		400		710	2,700	430 (387~ 473)
TNT32HP471KB00AAA0	TNR32HP471K310	300	385	20,000A/2 times	410		775	2,600	470 (423~ 517)
TNT32HP511KB00AAA0	TNR32HP511K310	315	420		420		840	2,400	510 (459~ 561)
TNT32HP681KB00AAA0	TNR32HP681K310	420	560		450		1,120	2,100	680 (612~ 748)
TNT32HP751KB00AAA0	TNR32HP751K310	460	615		500		1,240	2,000	750 (675~ 825)
TNT32HP821KB00AAA0	TNR32HP821K310	510	670		545		1,355	1,800	820 (738~ 902)
TNT32HP911KB00AAA0	TNR32HP911K310	550	745		600		1,500	1,700	910 (819~1,001)
TNT32HP102KB00AAA0	TNR32HP102K310	625	825		620		1,650	1,000	1,000 (900~1,100)
TNT32HP112KB00AAA0	TNR32HP112K310	680	895		640		1,815	800	1,100 (990~1,210)

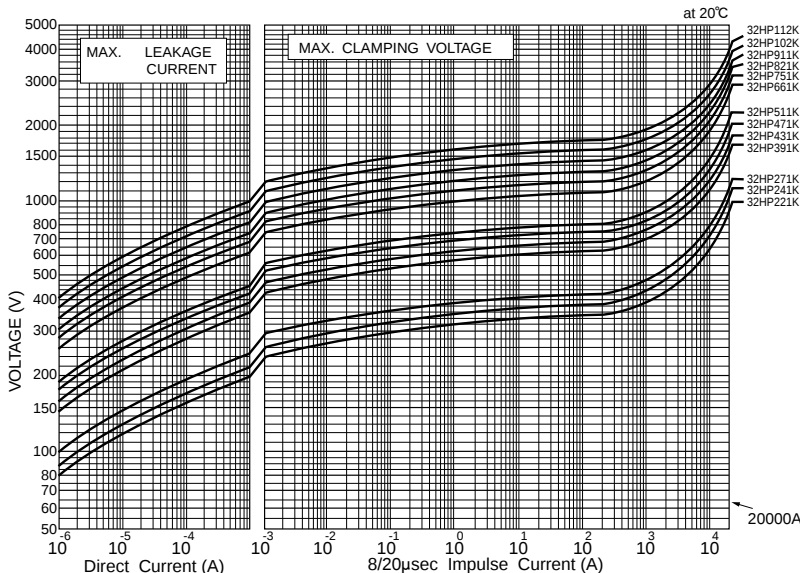
DIMENSIONS [mm (in.)]



Part Number	H Max.	T Max.	d ±1.0
TNT32HP221KB00AAA0	46.0	7.5	6.8
TNT32HP241KB00AAA0	46.0	7.5	6.7
TNT32HP271KB00AAA0	46.0	7.5	6.5
TNT32HP391KB00AAA0	46.0	7.5	5.8
TNT32HP431KB00AAA0	46.0	7.5	5.6
TNT32HP471KB00AAA0	46.0	7.5	5.4
TNT32HP511KB00AAA0	46.0	10.0	5.2
TNT32HP681KB00AAA0	46.0	10.0	4.2
TNT32HP751KB00AAA0	46.0	10.0	3.9
TNT32HP821KB00AAA0	46.0	10.0	3.5
TNT32HP911KB00AAA0	46.0	10.0	3.0
TNT32HP102KB00AAA0	46.0	11.0	2.5
TNT32HP112KB00AAA0	46.0	11.0	1.9

V-I CURVE

●TNT32HP221K~TNT32HP112K



PULSE LIFE TIME RATINGS

●TNT32HP221K~TNT32HP112K

