





# Phase Control Thyristors

## Capsule Types

Part No.	$V_{DRM}$	$I_{TAV}$	$I_{TSM}$	$I^2t$	$V_{TO}$	$r_T$	$T_{JM}$	$R_{thJK}$		Fig. No.	Package style Outlines on pages O-01...O-35	
	$V_{RRM}$	$T_K = 55^\circ C$	10 ms ½ sine	$V_R - \leq 60\% V_{RRM}$	@ $T_{JM}$			180° Sine	120° Rect.			
➤ New	V	A	A	A <sup>2</sup> s	V	mΩ	°C	K/W	K/W			
➤ N4650EA420	4200	4650	56000	15.7 x 10 <sup>6</sup>	0.977	0.177	125	0.0050	0.0054	W107	 W118 Weight 2.2 kg	
➤ N4650EA450	4500	4650	56000	15.7 x 10 <sup>6</sup>	0.977	0.177	125	0.0050	0.0054	W107		
➤ N4845EE320	3200	4845	65000	21.1 x 10 <sup>6</sup>	0.913	0.125	125	0.0060	0.0065	W108		
➤ N4845EE360	3600	4845	65000	21.1 x 10 <sup>6</sup>	0.913	0.125	125	0.0060	0.0065	W108		
➤ N4940HK120	1200	4940	62000	19.0 x 10 <sup>6</sup>	0.939	0.520	125	0.0090	0.0099	WP4		
➤ N4940HK140	1400	4940	62000	19.0 x 10 <sup>6</sup>	0.939	0.520	125	0.0090	0.0099	WP4		
N5320FE420	4200	5320	78000	30.42 x 10 <sup>6</sup>	1.060	0.130	125	0.0048	0.0051	W119		
N5320FE450	4500	5320	78000	30.42 x 10 <sup>6</sup>	1.060	0.130	125	0.0048	0.0051	W119		
➤ N5415EA320	3200	5415	65000	21.1 x 10 <sup>6</sup>	0.913	0.125	125	0.0050	0.0054	W107		
➤ N5415EA360	3600	5415	65000	21.1 x 10 <sup>6</sup>	0.913	0.125	125	0.0050	0.0054	W107		
➤ N5715EE240	2400	5715	80000	32.0 x 10 <sup>6</sup>	0.840	0.085	125	0.0060	0.0065	W108	 W119 Weight 2.9 kg	
➤ N5715EE280	2800	5715	80000	32.0 x 10 <sup>6</sup>	0.840	0.085	125	0.0060	0.0065	W108		
N5910FA420	4200	5910	78000	30.42 x 10 <sup>6</sup>	1.060	0.130	125	0.0040	0.0044	W118		
N5910FA450	4500	5910	78000	30.42 x 10 <sup>6</sup>	1.060	0.130	125	0.0040	0.0044	W118		
N6012ZD020	200	6012	65000	21.13 x 10 <sup>6</sup>	0.853	0.029	140	0.0110	0.0119	W46		
N6012ZD040	400	6012	65000	21.13 x 10 <sup>6</sup>	0.853	0.029	140	0.0110	0.0119	W46		
N6012ZD060	600	6012	65000	21.13 x 10 <sup>6</sup>	0.853	0.029	140	0.0110	0.0119	W46		
➤ N6405EA240	2400	6405	80000	32.0 x 10 <sup>6</sup>	0.840	0.085	125	0.0050	0.0054	W107		
➤ N6405EA280	2800	6405	80000	32.0 x 10 <sup>6</sup>	0.840	0.085	125	0.0050	0.0054	W107		
N6974HK020	200	6974	65000	21.13 x 10 <sup>6</sup>	0.853	0.029	140	0.0090	0.0099	WP4		
N6974HK040	400	6974	65000	21.13 x 10 <sup>6</sup>	0.853	0.029	140	0.0090	0.0099	WP4		
N6974HK060	600	6974	65000	21.13 x 10 <sup>6</sup>	0.853	0.029	140	0.0090	0.0099	WP4		
➤ N7585FE240	2400	7535	110000	60.50 x 10 <sup>6</sup>	0.780	0.062	125	0.0048	0.0051	W119	 WP3 Weight 260 g	
➤ N7585FE280	2800	7535	110000	60.50 x 10 <sup>6</sup>	0.780	0.062	125	0.0048	0.0051	W119		
➤ N7905FE180	1800	7905	117000	68.44 x 10 <sup>6</sup>	0.770	0.056	125	0.0048	0.0051	W119		
➤ N7905FE220	2200	7905	117000	68.44 x 10 <sup>6</sup>	0.770	0.056	125	0.0048	0.0051	W119		
➤ N8440FA240	2400	8440	110000	60.50 x 10 <sup>6</sup>	0.780	0.062	125	0.0040	0.0044	W118		
➤ N8440FA280	2800	8440	110000	60.50 x 10 <sup>6</sup>	0.780	0.062	125	0.0040	0.0044	W118		
➤ N8800FA180	1800	8800	117000	68.44 x 10 <sup>6</sup>	0.770	0.056	125	0.0040	0.0044	W118		
➤ N8800FA220	2200	8800	117000	68.44 x 10 <sup>6</sup>	0.770	0.056	125	0.0040	0.0044	W118		
												 WP4 Weight 550 g