






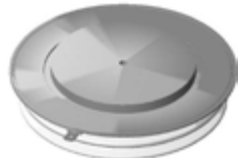
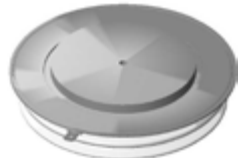
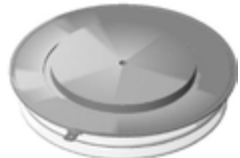













# Phase Control Thyristors

## Capsule Types

Part No. ○ Not for new design ➤ New	$V_{DRM}$ $V_{RRM}$	$I_{TAV}$ $T_K = 55^\circ\text{C}$	$I_{TSM}$ 10 ms ½ sine $V_R - \leq 60\% V_{RRM}$	$I^2t$ A <sup>2</sup> s	$V_{TO}$ @ $T_{JM}$	$r_T$ mΩ	$T_{JM}$ °C	$R_{thJK}$ 180° Sine 120° Rect.		Fig. No.	Package style Outlines on pages O-01...O-35
	V	A	A	A <sup>2</sup> s	V	mΩ	°C	K/W	K/W		
N0465WN140	1400	465	4500	101 x 10 <sup>3</sup>	0.900	0.850	125	0.0800	0.0912	W90	
N0465WN160	1600	465	4500	101 x 10 <sup>3</sup>	0.900	0.850	125	0.0800	0.0912	W90	
N0530YN220	2200	530	6300	198 x 10 <sup>3</sup>	1.100	1.250	125	0.0480	0.0494	W91	
N0530YN250	2500	530	6300	198 x 10 <sup>3</sup>	1.100	1.250	125	0.0480	0.0494	W91	
N0616LC400	4000	616	5250	138 x 10 <sup>3</sup>	1.220	1.530	125	0.0320	0.0393	W10	
N0616LC450	4500	616	5250	138 x 10 <sup>3</sup>	1.220	1.530	125	0.0320	0.0393	W10	
N0634LC380	3800	634	7000	245 x 10 <sup>3</sup>	1.100	1.500	125	0.0320	0.0393	W10	
N0634LC420	4200	634	7000	245 x 10 <sup>3</sup>	1.100	1.500	125	0.0320	0.0393	W10	
N0646LC300	3000	646	5700	162 x 10 <sup>3</sup>	1.210	1.360	125	0.0320	0.0393	W10	
N0646LC360	3600	646	5700	162 x 10 <sup>3</sup>	1.210	1.360	125	0.0320	0.0393	W10	
N0795YN140	1400	795	9450	444 x 10 <sup>3</sup>	0.950	0.450	125	0.0480	0.0494	W91	
N0795YN180	1800	795	9450	444 x 10 <sup>3</sup>	0.950	0.450	125	0.0480	0.0494	W91	
N0882NC400	4000	882	7700	296 x 10 <sup>3</sup>	1.300	0.920	125	0.0240	0.0273	W11	
N0882NC450	4500	882	7700	296 x 10 <sup>3</sup>	1.300	0.920	125	0.0240	0.0273	W11	
N0910LC200	2000	910	9200	423 x 10 <sup>3</sup>	1.040	0.606	125	0.0320	0.0393	W10	
N0910LC260	2600	910	9200	423 x 10 <sup>3</sup>	1.040	0.606	125	0.0320	0.0393	W10	
N0910LC280	2800	910	9200	423 x 10 <sup>3</sup>	1.040	0.606	125	0.0320	0.0393	W10	
N1010NC300	3000	1010	12100	732 x 10 <sup>3</sup>	1.170	0.687	125	0.0240	0.0273	W11	
N1010NC380	3800	1010	12100	732 x 10 <sup>3</sup>	1.170	0.687	125	0.0240	0.0273	W11	
➤ N1052LC200	2000	1052	13200	870 x 10 <sup>3</sup>	1.000	0.416	125	0.0320	0.0393	W10	
➤ N1052LC220	2200	1052	13200	870 x 10 <sup>3</sup>	1.000	0.416	125	0.0320	0.0393	W10	
N1075LN180	1800	1240	15750	1.24 x 10 <sup>6</sup>	0.850	0.320	130	0.0330	0.0371	W92	
N1132NC300	3000	1132	14300	1.02 x 10 <sup>6</sup>	1.150	0.510	125	0.0240	0.0271	W11	
N1132NC340	3400	1132	14300	1.02 x 10 <sup>6</sup>	1.150	0.510	125	0.0240	0.0271	W11	
N1132NC360	3600	1132	14300	1.02 x 10 <sup>6</sup>	1.150	0.510	125	0.0240	0.0271	W11	
N1140LN140	1400	1315	17500	1.53 x 10 <sup>6</sup>	0.820	0.280	130	0.0330	0.0371	W92	
N1159NC380	3800	1159	14500	1.05 x 10 <sup>6</sup>	1.100	0.574	125	0.0220	0.0255	W11	
N1159NC420	4200	1159	14500	1.05 x 10 <sup>6</sup>	1.100	0.574	125	0.0220	0.0255	W11	
N1174JK200	2000	1174	13200	870 x 10 <sup>3</sup>	1.000	0.416	125	0.0270	0.0314	WP1	
N1174JK220	2200	1174	13200	870 x 10 <sup>3</sup>	1.000	0.416	125	0.0270	0.0314	WP1	
N1263JK160	1600	1263	15000	1.13 x 10 <sup>6</sup>	1.015	0.332	125	0.0270	0.0314	WP1	
N1263JK180	1800	1263	15000	1.13 x 10 <sup>6</sup>	1.015	0.332	125	0.0270	0.0314	WP1	
○ N1351VC400	4000	1351	17500	1.53 x 10 <sup>6</sup>	1.200	0.553	125	0.0170	0.0206	W12	
○ N1351VC450	4500	1351	17500	1.53 x 10 <sup>6</sup>	1.200	0.553	125	0.0170	0.0206	W12	
○ N1351VF400	4000	1351	17500	1.53 x 10 <sup>6</sup>	1.200	0.553	125	0.0170	0.0206	W62	
○ N1351VF450	4500	1351	17500	1.53 x 10 <sup>6</sup>	1.200	0.553	125	0.0170	0.0206	W62	
N1366JK080	800	1366	15900	1.26 x 10 <sup>6</sup>	0.985	0.270	125	0.0270	0.0314	WP1	
N1366JK120	1200	1366	15900	1.26 x 10 <sup>6</sup>	0.985	0.270	125	0.0270	0.0314	WP1	
N1366JK140	1400	1366	15900	1.26 x 10 <sup>6</sup>	0.985	0.270	125	0.0270	0.0314	WP1	
○ N1449QL200	2000	1410	17300	1.50 x 10 <sup>6</sup>	1.060	0.317	125	0.0230	0.0272	WP6	
○ N1449QL220	2200	1410	17300	1.50 x 10 <sup>6</sup>	1.060	0.317	125	0.0230	0.0272	WP6	
N1467NC200	2000	1467	21500	2.31 x 10 <sup>6</sup>	1.000	0.272	125	0.0240	0.0271	W11	
N1467NC260	2600	1467	21500	2.31 x 10 <sup>6</sup>	1.000	0.272	125	0.0240	0.0271	W11	
N1547NC160	1600	1547	23300	2.71 x 10 <sup>6</sup>	0.920	0.252	125	0.0240	0.0271	W11	
N1547NC200	2000	1547	23300	2.71 x 10 <sup>6</sup>	0.920	0.252	125	0.0240	0.0271	W11	