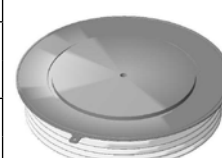


Phase Control Thyristors

Capsule Types

Type Part No. ○ Not for new design ➤ New	V_{DRM} V_{RRM} V	I_{TAV} $T_K = 55^\circ C$ A	I_{TSM} 10 ms $\frac{1}{2}$ sine $V_R \leq 60\% V_{RRM}$ A	I^2t A^2s	V_{TO} r_T @ T_{JM} V mΩ	T_{JM} °C	R_{thJC} 180° Sine K/W	120° Rect. K/W	Fig. No.	Package style Outlines on pages O-01...O-29
N1314NC300 † N1314NC360 †	3000 3600	1314 1314	16600 16600	1.38×10^6 1.38×10^6	1.000 0.437 1.000 0.437	125 125	0.2200 0.0254 0.2200 0.0254	W11 W11		
N1351VC400 N1351VC450 N1351VF400 N1351VF450	4000 4500 4000 4500	1351 1351 1351 1351	17500 17500 17500 17500	1.53×10^6 1.53×10^6 1.53×10^6 1.53×10^6	1.200 0.553 1.200 0.553 1.200 0.553 1.200 0.553	125 125 125 125	0.0170 0.0200 0.0170 0.0200 0.0170 0.0200 0.0170 0.0200	W12 W12 W62 W62		
N1366JK080 N1366JK120 N1366JK140	800 1200 1400	1366 1366 1366	15900 15900 15900	1.26×10^6 1.26×10^6 1.26×10^6	0.985 0.270 0.985 0.270 0.985 0.270	125 125 125	0.0270 0.0314 0.0270 0.0314 0.0270 0.0314	WP1 WP1 WP1		
N1449QL200 N1449QL220	2000 2200	1410 1410	17300 17300	1.50×10^6 1.50×10^6	1.060 0.317 1.060 0.317	125 125	0.023 0.027 0.023 0.027	WP6 WP6	W13 Weight 1700 g	
N1467NC200 N1467NC260	2000 2600	1467 1467	21500 21500	2.31×10^6 2.31×10^6	1.000 0.272 1.000 0.272	125 125	0.0240 0.0271 0.0240 0.0271	W11 W11		
➤ N1479NC24R ‡ ➤ N1479NC30R ‡	2400 3000	1436 1436	21000 21000	2.21×10^6 2.21×10^6	1.000 0.342 1.000 0.342	125 125	0.0220 0.0255 0.0220 0.0255	W36 W36		
N1479NC240 † N1479NC300 †	2400 3000	1436 1436	21000 21000	2.21×10^6 2.21×10^6	1.000 0.342 1.000 0.342	125 125	0.0220 0.0255 0.0220 0.0255	W11 W11		
N1547NC160 N1547NC200	1600 2000	1547 1547	23300 23300	2.71×10^6 2.71×10^6	0.920 0.252 0.920 0.252	125 125	0.0240 0.0271 0.0240 0.0271	W11 W11	W14 Weight 1300 g	
N1581QL160 N1581QL180	1600 1800	1535 1535	19100 19100	1.82×10^6 1.82×10^6	1.022 0.253 1.022 0.253	125 125	0.0230 0.0270 0.0230 0.0270	WP6 WP6		
N1588NC200 † N1588NC260 †	2000 2600	1588 1588	22500 22500	2.53×10^6 2.53×10^6	0.951 0.268 0.951 0.268	125 125	0.0220 0.0255 0.0220 0.0255	W11 W11		
N1651QK200 N1651QK220	2000 2200	1651 1651	17300 17300	1.50×10^6 1.50×10^6	1.060 0.317 1.060 0.317	125 125	0.0180 0.0217 0.0180 0.0217	WP2 WP2		
N1661VC300 N1661VC360 N1661VF300 N1661VF360	3000 3600 3000 3600	1661 1661 1661 1661	23000 23000 23000 23000	2.65×10^6 2.65×10^6 2.65×10^6 2.65×10^6	1.040 0.350 1.040 0.350 1.040 0.350 1.040 0.350	125 125 125 125	0.0170 0.0200 0.0170 0.0200 0.0170 0.0200 0.0170 0.0200	W12 W12 W62 W62	W15 Weight 2800 g	
N1712VC240 N1712VC300 N1712VF240 N1712VF300	2400 3000 2400 3000	1712 1712 1712 1712	24500 24500 24500 24500	3.00×10^6 3.00×10^6 3.00×10^6 3.00×10^6	1.050 0.320 1.050 0.320 1.050 0.320 1.050 0.320	125 125 125 125	0.0170 0.0200 0.0170 0.0200 0.0170 0.0200 0.0170 0.0200	W12 W12 W62 W62		W36 Weight 500 g
N1718NC120 N1718NC180 N1718NC200	1200 1800 2000	1718 1718 1718	27200 27200 27200	3.70×10^6 3.70×10^6 3.70×10^6	0.979 0.169 0.979 0.169 0.979 0.169	125 125 125	0.0240 0.0271 0.0240 0.0271 0.0240 0.0271	W11 W11 W11		
N1802NC120 N1802NC160	1200 1600	1802 1802	29600 29600	4.38×10^6 4.38×10^6	0.855 0.171 0.855 0.171	125 125	0.0240 0.0271 0.0240 0.0271	W11 W11		
N1806QK160 N1806QK180	1600 1800	1806 1806	19100 19100	1.82×10^6 1.82×10^6	1.022 0.253 1.022 0.253	125 125	0.0180 0.0217 0.0180 0.0217	WP2 WP2		
N1817QL080 N1817QL160 N1817QL180	800 1600 1800	1760 1760 1760	22000 22000 22000	2.42×10^6 2.42×10^6 2.42×10^6	0.955 0.177 0.955 0.177 0.955 0.177	125 125 125	0.023 0.0272 0.023 0.0272 0.023 0.0272	WP6 WP6 WP6		W46 Weight 1200 g * Available with reduced height 25mm, refer to Chippenham Factory
N2015ML200 N2015ML220	2000 2200	2015 2015	32400 32400	5.25×10^6 5.25×10^6	0.883 0.210 0.883 0.210	125 125	0.0180 0.0201 0.0180 0.0201	WP5 WP5		
N2046NC120 † N2046NC160 †	1200 1600	2046 2046	29200 29200	4.26×10^6 4.26×10^6	0.980 0.114 0.980 0.114	125 125	0.0220 0.0255 0.0220 0.0255	W11 W11		