

Distributed Gate Thyristors

Capsule Types

Part No.	V_{DRM}	V_{RRM}	I_{TAV}	I_{TSM}	I^2t	t_q	Typ. Reverse Recovery Charge			V_{TO}	r_T	R_{thJK}	Fig. No.	Package style
							Q_{rr}	$@I_{TM}$	$@-di/dt$					
○ Not for new design			$T_K = 55^\circ C$	10 ms $\frac{1}{2}$ sine	$V_R - \leq 60\% V_{RRM}$	μs	μC	A	A/ μs	V	m Ω	180° Sine K/W		Outlines on pages O-01...O-35
> New	V	V	A	A	A 2s	μs				V	m Ω	K/W		
R0990LC08A	800	800	990	11000	605×10^3	10	90	1000	60	1.350	0.350	0.03200	W10	
R0990LC08B	800	800	990	11000	605×10^3	12	90	1000	60	1.350	0.350	0.03200	W10	
R0990LC08C	800	800	990	11000	605×10^3	15	90	1000	60	1.350	0.350	0.03200	W10	
> R1045NC28L	2800	2800	1055	12500	781×10^3	60	950	1000	60	1.640	0.430	0.02400	W11	
> R1045NC28M	2800	2800	1055	12500	781×10^3	70	950	1000	60	1.640	0.430	0.02400	W11	
> R1045NC32L	3200	3200	1055	12500	781×10^3	60	950	1000	60	1.640	0.430	0.02400	W11	
> R1045NC32M	3200	3200	1055	12500	781×10^3	70	950	1000	60	1.640	0.430	0.02400	W11	
R1124NC18J	1800	1800	1124	13500	0.91×10^6	50	640	1000	60	1.540	0.379	0.02400	W11	
R1124NC18K	1800	1800	1124	13500	0.91×10^6	60	640	1000	60	1.540	0.379	0.02400	W11	
R1124NC18L	1800	1800	1124	13500	0.91×10^6	65	640	1000	60	1.540	0.379	0.02400	W11	
R1124NC18M	1800	1800	1124	13500	0.91×10^6	70	640	1000	60	1.540	0.379	0.02400	W11	
R1124NC20J	2000	1800	1124	13500	0.91×10^6	50	640	1000	60	1.540	0.379	0.02400	W11	
R1124NC20K	2000	1800	1124	13500	0.91×10^6	60	640	1000	60	1.540	0.379	0.02400	W11	
R1124NC20L	2000	1800	1124	13500	0.91×10^6	65	640	1000	60	1.540	0.379	0.02400	W11	
R1124NC20M	2000	1800	1124	13500	0.91×10^6	70	640	1000	60	1.540	0.379	0.02400	W11	
R1124NC21J	2100	1800	1124	13500	0.91×10^6	50	640	1000	60	1.540	0.379	0.02400	W11	
R1124NC21K	2100	1800	1124	13500	0.91×10^6	60	640	1000	60	1.540	0.379	0.02400	W11	
R1124NC21L	2100	1800	1124	13500	0.91×10^6	65	640	1000	60	1.540	0.379	0.02400	W11	
R1124NC21M	2100	1800	1124	13500	0.91×10^6	70	640	1000	60	1.540	0.379	0.02400	W11	
R1127NC32P	3200	3200	1127	12800	819×10^3	120	3500	1000	60	1.500	0.474	0.02200	W11	
R1127NC32R	3200	3200	1127	12800	819×10^3	140	3500	1000	60	1.500	0.474	0.02200	W11	
R1127NC32S	3200	3200	1127	12800	819×10^3	160	3500	1000	60	1.500	0.474	0.02200	W11	
R1127NC32T	3200	3200	1127	12800	819×10^3	200	3500	1000	60	1.500	0.474	0.02200	W11	
R1127NC34R	3400	3400	1127	12800	819×10^3	140	3500	1000	60	1.500	0.474	0.02200	W11	
R1127NC34S	3400	3400	1127	12800	819×10^3	160	3500	1000	60	1.500	0.474	0.02200	W11	
R1127NC34T	3400	3400	1127	12800	819×10^3	200	3500	1000	60	1.500	0.474	0.02200	W11	
R1127NC36R	3600	3600	1127	12800	819×10^3	140	3500	1000	60	1.500	0.474	0.02200	W11	
R1127NC36S	3600	3600	1127	12800	819×10^3	160	3500	1000	60	1.500	0.474	0.02200	W11	
R1127NC36T	3600	3600	1127	12800	819×10^3	200	3500	1000	60	1.500	0.474	0.02200	W11	
R1158NC26N	2600	2600	1158	14500	1.05×10^6	100	1600	1000	60	1.600	0.400	0.02200	W11	
R1158NC26P	2600	2600	1158	14500	1.05×10^6	120	1600	1000	60	1.600	0.400	0.02200	W11	
R1158NC26T	2600	2600	1158	14500	1.05×10^6	200	1600	1000	60	1.600	0.400	0.02200	W11	
R1178NC14E	1400	1400	1178	17000	1.45×10^6	25	320	1000	60	1.600	0.300	0.02400	W11	
R1178NC14F	1400	1400	1178	17000	1.45×10^6	30	320	1000	60	1.600	0.300	0.02400	W11	
R1178NC14G	1400	1400	1178	17000	1.45×10^6	35	320	1000	60	1.600	0.300	0.02400	W11	
R1211NC12C	1200	1200	1211	17600	1.548×10^6	15	230	1000	60	1.720	0.230	0.02400	W11	
R1211NC12D	1200	1200	1211	17600	1.548×10^6	20	230	1000	60	1.720	0.230	0.02400	W11	
R1211NC12E	1200	1200	1211	17600	1.548×10^6	25	230	1000	60	1.720	0.230	0.02400	W11	
R1271NC12B	1200	1200	1271	18000	1.62×10^6	12	200	1000	60	1.547	0.237	0.02400	W11	
R1271NC12C	1200	1200	1271	18000	1.62×10^6	15	200	1000	60	1.547	0.237	0.02400	W11	
R1271NC12D	1200	1200	1271	18000	1.62×10^6	20	200	1000	60	1.547	0.237	0.02400	W11	
R1271NC12E	1200	1200	1271	18000	1.62×10^6	25	200	1000	60	1.547	0.237	0.02400	W11	
R1275NC18L	1800	1800	1275	15500	1.20×10^6	65	940	1000	60	1.207	0.342	0.02400	W11	
R1275NC18M	1800	1800	1275	15500	1.20×10^6	70	940	1000	60	1.207	0.342	0.02400	W11	
R1275NC20L	2000	1800	1275	15500	1.20×10^6	65	940	1000	60	1.207	0.342	0.02400	W11	
R1275NC20M	2000	1800	1275	15500	1.20×10^6	70	940	1000	60	1.207	0.342	0.02400	W11	
R1275NC21L	2100	1800	1275	15500	1.20×10^6	65	940	1000	60	1.207	0.342	0.02400	W11	
R1275NC21M	2100	1800	1275	15500	1.20×10^6	70	940	1000	60	1.207	0.342	0.02400	W11	
○ R1279NC22J	2200	2200	1279	14800	1.10×10^6	50	1250	1000	60	1.440	0.330	0.02200	W11	
○ R1279NC22K	2200	2200	1279	14800	1.10×10^6	60	1250	1000	60	1.440	0.330	0.02200	W11	
○ R1279NC22L	2200	2200	1279	14800	1.10×10^6	65	1250	1000	60	1.440	0.330	0.02200	W11	
○ R1279NC22M	2200	2200	1279	14800	1.10×10^6	70	1250	1000	60	1.440	0.330	0.02200	W11	
○ R1279NC25J	2500	2500	1279	14800	1.10×10^6	50	1250	1000	60	1.440	0.330	0.02200	W11	
○ R1279NC25K	2500	2500	1279	14800	1.10×10^6	60	1250	1000	60	1.440	0.330	0.02200	W11	
○ R1279NC25L	2500	2500	1279	14800	1.10×10^6	65	1250	1000	60	1.440	0.330	0.02200	W11	
○ R1279NC25M	2500	2500	1279	14800	1.10×10^6	70	1250	1000	60	1.440	0.330	0.02200	W11	