




# Distributed Gate Thyristors

## Capsule Types

Part No.	V <sub>DRM</sub>	V <sub>RRM</sub>	I <sub>TAV</sub>	I <sub>TSM</sub>	I <sup>2</sup> t	t <sub>q</sub>	Typ. Reverse Recovery Charge			V <sub>TO</sub>	r <sub>T</sub>	R <sub>thJK</sub>	Fig. No.	Package style
							Q <sub>rr</sub>	@I <sub>TM</sub>	@-di/dt					
○ Not for new design	V	V	A	A	A <sup>2</sup> s	@ 200 V/μs	@T <sub>JM</sub>	@T <sub>JM</sub>	@T <sub>JM</sub>	V	mΩ	180° Sine		Outlines on pages O-01...O-35
○ R1280NC21J	2100	2100	1280	14800	1.10 x 10 <sup>6</sup>	50	1200	1000	60	1.440	0.330	0.02200	W11	
○ R1280NC21K	2100	2100	1280	14800	1.10 x 10 <sup>6</sup>	60	1200	1000	60	1.440	0.330	0.02200	W11	
○ R1280NC21L	2100	2100	1280	14800	1.10 x 10 <sup>6</sup>	65	1200	1000	60	1.440	0.330	0.02200	W11	
○ R1280NC21M	2100	2100	1280	14800	1.10 x 10 <sup>6</sup>	70	1200	1000	60	1.440	0.330	0.02200	W11	
○ R1280NC22J	2200	2100	1280	14800	1.10 x 10 <sup>6</sup>	50	1200	1000	60	1.440	0.330	0.02200	W11	
○ R1280NC22K	2200	2100	1280	14800	1.10 x 10 <sup>6</sup>	60	1200	1000	60	1.440	0.330	0.02200	W11	
○ R1280NC22L	2200	2100	1280	14800	1.10 x 10 <sup>6</sup>	65	1200	1000	60	1.440	0.330	0.02200	W11	
○ R1280NC22M	2200	2100	1280	14800	1.10 x 10 <sup>6</sup>	70	1200	1000	60	1.440	0.330	0.02200	W11	
○ R1280NC25J	2500	2100	1280	14800	1.10 x 10 <sup>6</sup>	50	1200	1000	60	1.440	0.330	0.02200	W11	
○ R1280NC25K	2500	2100	1280	14800	1.10 x 10 <sup>6</sup>	60	1200	1000	60	1.440	0.330	0.02200	W11	
○ R1280NC25L	2500	2100	1280	14800	1.10 x 10 <sup>6</sup>	65	1200	1000	60	1.440	0.330	0.02200	W11	
○ R1280NC25M	2500	2100	1280	14800	1.10 x 10 <sup>6</sup>	70	1200	1000	60	1.440	0.330	0.02200	W11	
○ R1331NC10B	1000	1000	1331	18200	1.66 x 10 <sup>6</sup>	12	200	1000	60	1.450	0.285	0.02200	W11	 W11 Weight 510 g
○ R1331NC10C	1000	1000	1331	18200	1.66 x 10 <sup>6</sup>	15	200	1000	60	1.450	0.285	0.02200	W11	
○ R1331NC10D	1000	1000	1331	18200	1.66 x 10 <sup>6</sup>	20	200	1000	60	1.450	0.285	0.02200	W11	
○ R1331NC12B	1200	1200	1331	18200	1.66 x 10 <sup>6</sup>	12	200	1000	60	1.450	0.285	0.02200	W11	
○ R1331NC12C	1200	1200	1331	18200	1.66 x 10 <sup>6</sup>	15	200	1000	60	1.450	0.285	0.02200	W11	
○ R1331NC12D	1200	1200	1331	18200	1.66 x 10 <sup>6</sup>	20	200	1000	60	1.450	0.285	0.02200	W11	
R1446NC12C	1200	1200	1446	19500	1.90 x 10 <sup>6</sup>	15	300	1000	60	1.304	0.199	0.02400	W11	
R1446NC12D	1200	1200	1446	19500	1.90 x 10 <sup>6</sup>	20	300	1000	60	1.304	0.199	0.02400	W11	
R1446NC12E	1200	1200	1446	19500	1.90 x 10 <sup>6</sup>	25	300	1000	60	1.304	0.199	0.02400	W11	
R1446NC12F	1200	1200	1446	19500	1.90 x 10 <sup>6</sup>	30	300	1000	60	1.304	0.199	0.02400	W11	
○ R1448NC14H	1400	1400	1448	15500	1.20 x 10 <sup>6</sup>	40	950	1000	60	1.300	0.250	0.02200	W11	
○ R1448NC14J	1400	1400	1448	15500	1.20 x 10 <sup>6</sup>	50	950	1000	60	1.300	0.250	0.02200	W11	
○ R1448NC18H	1800	1800	1448	15500	1.20 x 10 <sup>6</sup>	40	950	1000	60	1.300	0.250	0.02200	W11	
○ R1448NC18J	1800	1800	1448	15500	1.20 x 10 <sup>6</sup>	50	950	1000	60	1.300	0.250	0.02200	W11	
○ R1448NC20H	2000	2000	1448	15500	1.20 x 10 <sup>6</sup>	40	950	1000	60	1.300	0.250	0.02200	W11	
○ R1448NC20J	2000	2000	1448	15500	1.20 x 10 <sup>6</sup>	50	950	1000	60	1.300	0.250	0.02200	W11	
○ R1448NC20K	2000	2000	1448	15500	1.20 x 10 <sup>6</sup>	60	950	1000	60	1.300	0.250	0.02200	W11	
○ R1448NC20L	2000	2000	1448	15500	1.20 x 10 <sup>6</sup>	65	950	1000	60	1.300	0.250	0.02200	W11	
○ R1448NC20M	2000	2000	1448	15500	1.20 x 10 <sup>6</sup>	70	950	1000	60	1.300	0.250	0.02200	W11	
R1605MC20E	2000	2000	1605	20700	2.14 x 10 <sup>6</sup>	25	900	1000	60	2.100	0.200	0.01500	W70	 W70 Weight 550 g
R1605MC20F	2000	2000	1605	20700	2.14 x 10 <sup>6</sup>	30	900	1000	60	2.100	0.200	0.01500	W70	
R1605MC20G	2000	2000	1605	20700	2.14 x 10 <sup>6</sup>	35	900	1000	60	2.100	0.200	0.01500	W70	
R1605MC20H	2000	2000	1605	20700	2.14 x 10 <sup>6</sup>	40	900	1000	60	2.100	0.200	0.01500	W70	
R1605MC20J	2000	2000	1605	20700	2.14 x 10 <sup>6</sup>	50	900	1000	60	2.100	0.200	0.01500	W70	
R1605MC22E	2200	2200	1605	20700	2.14 x 10 <sup>6</sup>	25	900	1000	60	2.100	0.200	0.01500	W70	
R1605MC22F	2200	2200	1605	20700	2.14 x 10 <sup>6</sup>	30	900	1000	60	2.100	0.200	0.01500	W70	
R1605MC22G	2200	2200	1605	20700	2.14 x 10 <sup>6</sup>	35	900	1000	60	2.100	0.200	0.01500	W70	
R1605MC22H	2200	2200	1605	20700	2.14 x 10 <sup>6</sup>	40	900	1000	60	2.100	0.200	0.01500	W70	
R1605MC22J	2200	2200	1605	20700	2.14 x 10 <sup>6</sup>	50	900	1000	60	2.100	0.200	0.01500	W70	
R1700MC18E	1800	1800	1700	20000	2.0 x 10 <sup>6</sup>	25	1400	1000	60	1.600	0.250	0.01500	W70	
R1700MC18F	1800	1800	1700	20000	2.0 x 10 <sup>6</sup>	30	1400	1000	60	1.600	0.250	0.01500	W70	
R1700MC18G	1800	1800	1700	20000	2.0 x 10 <sup>6</sup>	35	1400	1000	60	1.600	0.250	0.01500	W70	
R1700MC18H	1800	1800	1700	20000	2.0 x 10 <sup>6</sup>	40	1400	1000	60	1.600	0.250	0.01500	W70	
R1700MC18J	1800	1800	1700	20000	2.0 x 10 <sup>6</sup>	50	1400	1000	60	1.600	0.250	0.01500	W70	
R1700MC21E	2100	1800	1700	20000	2.0 x 10 <sup>6</sup>	25	1400	1000	60	1.600	0.250	0.01500	W70	
R1700MC21F	2100	1800	1700	20000	2.0 x 10 <sup>6</sup>	30	1400	1000	60	1.600	0.250	0.01500	W70	
R1700MC21G	2100	1800	1700	20000	2.0 x 10 <sup>6</sup>	35	1400	1000	60	1.600	0.250	0.01500	W70	
R1700MC21H	2100	1800	1700	20000	2.0 x 10 <sup>6</sup>	40	1400	1000	60	1.600	0.250	0.01500	W70	
R1700MC21J	2100	1800	1700	20000	2.0 x 10 <sup>6</sup>	50	1400	1000	60	1.600	0.250	0.01500	W70	