Distributed Gate Thyristors - Capsule Type

Recognised as the Worldwide leader in distributed gate technology. These devices are available with blocking voltages to 5.2kV and currents to 3kA, with tq from 10 to 300µs. The unique distributed gate design and lifetime control features give these devices both high di/dt capability and fast, low recovery turn-off, while maintaining a low on-state voltage drop. Ideally suited to application including: induction heating, power supplied, high frequency inverters/converters, UPS and pulse power.

Type		V_{DRM} V_{RRM}	I_{TAV} T_K=55°C	I_{TSM} 10ms ½ sine V_R ≤60% V_{RRM}	I^2t V_R ≤60% V_{RRM}	t_q @ 200V/µs	Typ. Reverse Recovery Charge T_{JM}, 50% Chord Q_{ra}	@I_{TM}	@-di/dt	V_{T0} @T_{JM}	r_T @T_{JM}	T_{JM}	R_{thJK} 180° Sine	Fig. No.
Part No.	Old Part No.	V	A	A	A^2s	µs	µC	A	A/µs	V	mΩ	°C	K/W	
R0487YS10D	R210SH10	1000	487	4300	92.45×10^3	20	40	550	40	1.820	0.880	125	0.050	W9a
R0487YS10E	R210SH10	1000	487	4300	92.45×10^3	25	40	550	40	1.820	0.880	125	0.050	W9a
R0487YS10F	R210SH10	1000	487	4300	92.45×10^3	30	40	550	40	1.820	0.880	125	0.050	W9a
R0487YS14D	R210SH14	1400	487	4300	92.45×10^3	20	40	550	40	1.820	0.880	125	0.050	W9a
R0487YS14E	R210SH14	1400	487	4300	92.45×10^3	25	40	550	40	1.820	0.880	125	0.050	W9a
R0487YS14F	R210SH14	1400	487	4300	92.45×10^3	30	40	550	40	1.820	0.880	125	0.050	W9a
R0577YS08C	R185SH08	800	577	6000	180×10^3	15	85	550	40	1.510	0.640	125	0.050	W9a
R0577YS08D	R185SH08	800	577	6000	180×10^3	20	85	550	40	1.510	0.640	125	0.050	W9a
R0577YS08E	R185SH08	800	577	6000	180×10^3	25	85	550	40	1.510	0.640	125	0.050	W9a
R0577YS12C	R185SH12	1200	577	6000	180×10^3	15	85	550	40	1.510	0.640	125	0.050	W9a
R0577YS12D	R185SH12	1200	577	6000	180×10^3	20	85	550	40	1.510	0.640	125	0.050	W9a
R0577YS12E	R185SH12	1200	577	6000	180×10^3	25	85	550	40	1.510	0.640	125	0.050	W9a
R0633YS08D	R216SH08	800	633	6300	199×10^3	20	85	125	40	1.230	0.620	125	0.050	W9a
R0633YS08E	R216SH08	800	633	6300	199×10^3	25	85	125	40	1.230	0.620	125	0.050	W9a
R0633YS08F	R216SH08	800	633	6300	199×10^3	30	85	125	40	1.230	0.620	125	0.050	W9a
R0633YS12D	R216SH12	1200	633	6300	199×10^3	20	85	125	40	1.230	0.620	125	0.050	W9a
R0633YS12E	R216SH12	1200	633	6300	199×10^3	25	85	125	40	1.230	0.620	125	0.050	W9a
R0633YS12F	R216SH12	1200	633	6300	199×10^3	30	85	125	40	1.230	0.620	125	0.050	W9a
R0717LS14G	R181SH06	1400	717	7050	249×10^3	35	150	1000	60	1.752	0.732	125	0.032	W10a
R0717LS14H	R181SH06	1400	717	7050	249×10^3	40	150	1000	60	1.752	0.732	125	0.032	W10a
R0717LS14J	R181SH06	1400	717	7050	249×10^3	50	150	1000	60	1.752	0.732	125	0.032	W10a
R0717LS16G	R181SH10	1600	717	7050	249×10^3	35	150	1000	60	1.752	0.732	125	0.032	W10a
R0717LS16H	R181SH10	1600	717	7050	249×10^3	40	150	1000	60	1.752	0.732	125	0.032	W10a
R0717LS16J	R181SH10	1600	717	7050	249×10^3	50	150	1000	60	1.752	0.732	125	0.032	W10a
R0736LS20J	R175SH20	2000	736	8500	361×10^3	50	240	1000	60	1.842	0.619	125	0.032	W10a
R0736LS20K	R175SH20	2000	736	8500	361×10^3	60	240	1000	60	1.842	0.619	125	0.032	W10a
R0736LS20L	R175SH20	2000	736	8500	361×10^3	65	240	1000	60	1.842	0.619	125	0.032	W10a
R0736LS20M	R175SH20	2000	736	8500	361×10^3	70	240	1000	60	1.842	0.619	125	0.032	W10a
R0736LS25J	R175SH25	2500	736	8500	361×10^3	50	240	1000	60	1.842	0.619	125	0.032	W10a
R0736LS25K	R175SH25	2500	736	8500	361×10^3	60	240	1000	60	1.842	0.619	125	0.032	W10a
R0736LS25L	R175SH25	2500	736	8500	361×10^3	65	240	1000	60	1.842	0.619	125	0.032	W10a
R0736LS25M	R175SH25	2500	736	8500	361×10^3	70	240	1000	60	1.842	0.619	125	0.032	W10a
R0809LS06A	R180SH06	600	809	8000	320×10^3	10	60	1000	60	2.100	0.300	125	0.032	W10a
R0809LS06B	R180SH06	600	809	8000	320×10^3	12	60	1000	60	2.100	0.300	125	0.032	W10a
R0809LS06C	R180SH06	600	809	8000	320×10^3	15	60	1000	60	2.100	0.300	125	0.032	W10a
R0809LS10A	R180SH10	1000	809	8000	320×10^3	10	60	1000	60	2.100	0.300	125	0.032	W10a
R0809LS10B	R180SH10	1000	809	8000	320×10^3	12	60	1000	60	2.100	0.300	125	0.032	W10a
R0809LS10C	R180SH10	1000	809	8000	320×10^3	15	60	1000	60	2.100	0.300	125	0.032	W10a
R0830LS10D	R190SH10	1000	830	8500	361×10^3	20	110	1000	60	1.900	0.357	125	0.032	W10a
R0830LS10E	R190SH10	1000	830	8500	361×10^3	25	110	1000	60	1.900	0.357	125	0.032	W10a
R0830LS10F	R190SH10	1000	830	8500	361×10^3	30	110	1000	60	1.900	0.357	125	0.032	W10a
R0830LS10G	R190SH10	1000	830	8500	361×10^3	35	110	1000	60	1.900	0.357	125	0.032	W10a
R0830LS14D	R190SH14	1400	830	8500	361×10^3	20	110	1000	60	1.900	0.357	125	0.032	W10a
R0830LS14E	R190SH14	1400	830	8500	361×10^3	25	110	1000	60	1.900	0.357	125	0.032	W10a
R0830LS14F	R190SH14	1400	830	8500	361×10^3	30	110	1000	60	1.900	0.357	125	0.032	W10a
R0830LS14G	R190SH14	1400	830	8500	361×10^3	35	110	1000	60	1.900	0.357	125	0.032	W10a
R0878LS14K	R200SH16	1600	878	7500	281×10^3	60	350	1000	60	1.447	0.480	125	0.032	W10a
R0878LS14M	R200SH16	1600	878	7500	281×10^3	70	350	1000	60	1.447	0.480	125	0.032	W10a
R0878LS18K	R200SH18	1800	878	7500	281×10^3	60	350	1000	60	1.447	0.480	125	0.032	W10a
R0878LS18M	R200SH18	1800	878	7500	281×10^3	70	350	1000	60	1.447	0.480	125	0.032	W10a
R0878LS21K	R200SH21	2100	878	7500	281×10^3	60	350	1000	60	1.447	0.480	125	0.032	W10a
R0878LS21M	R200SH21	2100	878	7500	281×10^3	70	350	1000	60	1.447	0.480	125	0.032	W10a
R0929LS08C	R219SH08	800	929	9000	405×10^3	15	85	1000	60	1.549	0.350	125	0.032	W10a
R0929LS08D	R219SH08	800	929	9000	405×10^3	20	85	1000	60	1.549	0.350	125	0.032	W10a
R0929LS08E	R219SH08	800	929	9000	405×10^3	25	85	1000	60	1.549	0.350	125	0.032	W10a
R0929LS12C	R219SH12	1200	929	9000	405×10^3	15	85	1000	60	1.549	0.350	125	0.032	W10a
R0929LS12D	R219SH12	1200	929	9000	405×10^3	20	85	1000	60	1.549	0.350	125	0.032	W10a
R0929LS12E	R219SH12	1200	929	9000	405×10^3	25	85	1000	60	1.549	0.350	125	0.032	W10a
R0964LS08D	R220SH08	800	964	11000	605×10^3	20	75	1000	60	1.530	0.309	125	0.032	W10a
R0964LS08E	R220SH08	800	964	11000	605×10^3	25	75	1000	60	1.530	0.309	125	0.032	W10a
R0964LS08F	R220SH08	800	964	11000	605×10^3	30	75	1000	60	1.530	0.309	125	0.032	W10a
R0964LS12D	R220SH12	1200	964	11000	605×10^3	20	75	1000	60	1.530	0.309	125	0.032	W10a
R0964LS12E	R220SH12	1200	964	11000	605×10^3	25	75	1000	60	1.530	0.309	125	0.032	W10a
R0964LS12F	R220SH12	1200	964	11000	605×10^3	30	75	1000	60	1.530	0.309	125	0.032	W10a

Type		V_{DRM} V_{RRM}	I_{TAV} T_K=55°C	I_{TSM} 10ms ½ sine V_R ≤60% V_{RRM}	I^2t V_R ≤60% V_{RRM}	t_q @ 200V/µs	Typ. Reverse Recovery Charge T_{JM}, 50% Chord			V_{T0}	r_T	T_{JM}	R_{thJK} 180° Sine	Fig. No.
							Q_{ra}	@I_{TM}	@-di/dt	@T_{JM}				
Part No.	Old Part No.	V	A	A	A^2s	µs	µC	A	A/µs	V	mΩ	°C	K/W	
R0990LS04A	R270SH08	800	990	11000	605×10^3	10	40	1000	60	1.350	0.350	125	0.032	W10a
R0990LS04B	R270SH08	800	990	11000	605×10^3	12	40	1000	60	1.350	0.350	125	0.032	W10a
R0990LS04C	R270SH08	800	990	11000	605×10^3	15	40	1000	60	1.350	0.350	125	0.032	W10a
R0990LS08A	R270SH12	1200	990	11000	605×10^3	10	40	1000	60	1.350	0.350	125	0.032	W10a
R0990LS08B	R270SH12	1200	990	11000	605×10^3	12	40	1000	60	1.350	0.350	125	0.032	W10a
R0990LS08C	R270SH12	1200	990	11000	605×10^3	15	40	1000	60	1.350	0.350	125	0.032	W10a
R1124NS14K	R305SH14	1400	1124	13500	911×10^3	60	400	1000	60	1.540	0.379	125	0.024	W11a
R1124NS14M	R305SH14	1400	1124	13500	911×10^3	70	400	1000	60	1.540	0.379	125	0.024	W11a
R1124NS18K	R305SH18	1800	1124	13500	911×10^3	60	400	1000	60	1.540	0.379	125	0.024	W11a
R1124NS18M	R305SH18	1800	1124	13500	911×10^3	70	400	1000	60	1.540	0.379	125	0.024	W11a
R1124NS21K	R305SH21	2100	1124	13500	911×10^3	60	400	1000	60	1.540	0.379	125	0.024	W11a
R1124NS21M	R305SH21	2100	1124	13500	911×10^3	70	400	1000	60	1.540	0.379	125	0.024	W11a
R1127NC32R	D315CH32	3200	1127	12800	819×10^3	140	1350	1000	60	1.390	0.514	125	0.022	W11
R1127NC32S	D315CH32	3200	1127	12800	819×10^3	160	1350	1000	60	1.390	0.514	125	0.022	W11
R1127NC32T	D315CH32	3200	1127	12800	819×10^3	200	1350	1000	60	1.390	0.514	125	0.022	W11
R1127NC36R	D315CH36	3600	1127	12800	819×10^3	140	1350	1000	60	1.390	0.514	125	0.022	W11
R1127NC36S	D315CH36	3600	1127	12800	819×10^3	160	1350	1000	60	1.390	0.514	125	0.022	W11
R1127NC36T	D315CH36	3600	1127	12800	819×10^3	200	1350	1000	60	1.390	0.514	125	0.022	W11
R1158NS24N	D350SH24	2400	1158	14500	1.05×10^6	100	700	1000	60	1.600	0.400	125	0.022	W11a
R1158NS24P	D350SH24	2400	1158	14500	1.05×10^6	120	700	1000	60	1.600	0.400	125	0.022	W11a
R1158NS26N	D350SH26	2600	1158	14500	1.05×10^6	100	700	1000	60	1.600	0.400	125	0.022	W11a
R1158NS26P	D350SH26	2600	1158	14500	1.05×10^6	120	700	1000	60	1.600	0.400	125	0.022	W11a
R1178NS10E	R325SH10	1000	1178	17000	1.45×10^6	25	170	1000	60	1.600	0.300	125	0.024	W11a
R1178NS10F	R325SH10	1000	1178	17000	1.45×10^6	30	170	1000	60	1.600	0.300	125	0.024	W11a
R1178NS10G	R325SH10	1000	1178	17000	1.45×10^6	35	170	1000	60	1.600	0.300	125	0.024	W11a
R1178NS14E	R325SH14	1400	1178	17000	1.45×10^6	25	170	1000	60	1.600	0.300	125	0.024	W11a
R1178NS14F	R325SH14	1400	1178	17000	1.45×10^6	30	170	1000	60	1.600	0.300	125	0.024	W11a
R1178NS14G	R325SH14	1400	1178	17000	1.45×10^6	35	170	1000	60	1.600	0.300	125	0.024	W11a
R1211NS08D	R350SH08	800	1211	17600	1.55×10^6	20	100	1000	60	1.720	0.230	125	0.024	W11a
R1211NS08E	R350SH08	800	1211	17600	1.55×10^6	25	100	1000	60	1.720	0.230	125	0.024	W11a
R1211NS12D	R350SH12	1200	1211	17600	1.55×10^6	20	100	1000	60	1.720	0.230	125	0.024	W11a
R1211NS12E	R350SH12	1200	1211	17600	1.55×10^6	25	100	1000	60	1.720	0.230	125	0.024	W11a
R1271NS08D	R355SH08	800	1271	18000	1.62×10^6	20	135	1000	60	1.550	0.236	125	0.024	W11a
R1271NS08E	R355SH08	800	1271	18000	1.62×10^6	25	135	1000	60	1.550	0.236	125	0.024	W11a
R1271NS08G	R355SH08	800	1271	18000	1.62×10^6	35	135	1000	60	1.550	0.236	125	0.024	W11a
R1271NS12D	R355SH12	1200	1271	18000	1.62×10^6	20	135	1000	60	1.550	0.236	125	0.024	W11a
R1271NS12E	R355SH12	1200	1271	18000	1.62×10^6	25	135	1000	60	1.550	0.236	125	0.024	W11a
R1271NS12G	R355SH12	1200	1271	18000	1.62×10^6	35	135	1000	60	1.550	0.236	125	0.024	W11a
R1275NS14L	R395SH14	1400	1275	15500	1.20×10^6	65	420	1000	60	1.300	0.300	125	0.024	W11a
R1275NS14M	R395SH14	1400	1275	15500	1.20×10^6	70	420	1000	60	1.300	0.300	125	0.024	W11a
R1275NS18L	R395SH18	1800	1275	15500	1.20×10^6	65	420	1000	60	1.300	0.300	125	0.024	W11a
R1275NS18M	R395SH18	1800	1275	15500	1.20×10^6	70	420	1000	60	1.300	0.300	125	0.024	W11a
R1275NS21L	R395SH21	2100	1275	15500	1.20×10^6	65	420	1000	60	1.300	0.300	125	0.024	W11a
R1275NS21M	R395SH21	2100	1275	15500	1.20×10^6	70	420	1000	60	1.300	0.300	125	0.024	W11a
R1279NS22J	D391SH22	2200	1279	14800	1.10×10^6	50	920	1000	60	1.440	0.330	125	0.022	W11a
R1279NS22K	D391SH22	2200	1279	14800	1.10×10^6	60	920	1000	60	1.440	0.330	125	0.022	W11a
R1279NS22M	D391SH22	2200	1279	14800	1.10×10^6	70	920	1000	60	1.440	0.330	125	0.022	W11a
R1279NS25J	D391SH25	2500	1279	14800	1.10×10^6	50	920	1000	60	1.440	0.330	125	0.022	W11a
R1279NS25K	D391SH25	2500	1279	14800	1.10×10^6	60	920	1000	60	1.440	0.330	125	0.022	W11a
R1279NS25M	D391SH25	2500	1279	14800	1.10×10^6	70	920	1000	60	1.440	0.330	125	0.022	W11a
R1280NS18J	D390SH18	1800	1280	14800	1.10×10^6	50	540	1000	60	1.440	0.330	125	0.022	W11a
R1280NS18K	D390SH18	1800	1280	14800	1.10×10^6	60	540	1000	60	1.440	0.330	125	0.022	W11a
R1280NS18M	D390SH18	1800	1280	14800	1.10×10^6	70	540	1000	60	1.440	0.330	125	0.022	W11a
R1280NS21J	D390SH21	2100	1280	14800	1.10×10^6	50	540	1000	60	1.440	0.330	125	0.022	W11a
R1280NS21K	D390SH21	2100	1280	14800	1.10×10^6	60	540	1000	60	1.440	0.330	125	0.022	W11a
R1280NS21M	D390SH21	2100	1280	14800	1.10×10^6	70	540	1000	60	1.440	0.330	125	0.022	W11a
R1280NS25J	D390SH25	2500	1280	14800	1.10×10^6	50	540	1000	60	1.440	0.330	125	0.022	W11a
R1280NS25K	D390SH25	2500	1280	14800	1.10×10^6	60	540	1000	60	1.440	0.330	125	0.022	W11a
R1280NS25M	D390SH25	2500	1280	14800	1.10×10^6	70	540	1000	60	1.440	0.330	125	0.022	W11a
R1331NS10B	D450SH10	1000	1331	18200	1.66×10^6	12	75	1000	60	1.450	0.285	125	0.022	W11a
R1331NS10C	D450SH10	1000	1331	18200	1.66×10^6	15	75	1000	60	1.450	0.285	125	0.022	W11a
R1331NS10D	D450SH10	1000	1331	18200	1.66×10^6	20	75	1000	60	1.450	0.285	125	0.022	W11a
R1331NS12B	D450SH12	1200	1331	18200	1.66×10^6	12	75	1000	60	1.450	0.285	125	0.022	W11a
R1331NS12C	D450SH12	1200	1331	18200	1.66×10^6	15	75	1000	60	1.450	0.285	125	0.022	W11a
R1331NS12D	D450SH12	1200	1331	18200	1.66×10^6	20	75	1000	60	1.450	0.285	125	0.022	W11a
R1446NS08E	R400SH08	800	1446	19500	1.90×10^6	25	130	1000	60	1.300	0.200	125	0.024	W11a
R1446NS08F	R400SH08	800	1446	19500	1.90×10^6	30	130	1000	60	1.300	0.200	125	0.024	W11a
R1446NS08G	R400SH08	800	1446	19500	1.90×10^6	35	130	1000	60	1.300	0.200	125	0.024	W11a
R1446NS12E	R400SH12	1200	1446	19500	1.90×10^6	25	130	1000	60	1.300	0.200	125	0.024	W11a
R1446NS12F	R400SH12	1200	1446	19500	1.90×10^6	30	130	1000	60	1.300	0.200	125	0.024	W11a
R1446NS12G	R400SH12	1200	1446	19500	1.90×10^6	35	130	1000	60	1.300	0.200	125	0.024	W11a

Type		V_{DRM} V_{RRM}	I_{TAV} T_K=55°C	I_{TSM} 10ms ½ sine V_R ≤60% V_{RRM}	I^2t V_R ≤60% V_{RRM}	t_q @ 200V/µs	Typ. Reverse Recovery Charge T_{JM}, 50% Chord			V_{T0}	r_T	T_{JM}	R_{thJK} 180° Sine	Fig. No.
							Q_{ra}	@I_{TM}	@-di/dt	@T_{JM}				
Part No.	Old Part No.	V	A	A	A^2s	µs	µC	A	A/µs	V	mΩ	°C	K/W	
R1448NS14H	D405SH14	1400	1448	15500	1.20×10^6	40	500	1000	60	1.350	0.250	125	0.022	W11a
R1448NS14J	D405SH14	1400	1448	15500	1.20×10^6	50	500	1000	60	1.350	0.250	125	0.022	W11a
R1448NS14L	D405SH14	1400	1448	15500	1.20×10^6	65	500	1000	60	1.350	0.250	125	0.022	W11a
R1448NS18H	D405SH18	1800	1448	15500	1.20×10^6	40	500	1000	60	1.350	0.250	125	0.022	W11a
R1448NS18J	D405SH18	1800	1448	15500	1.20×10^6	50	500	1000	60	1.350	0.250	125	0.022	W11a
R1448NS18L	D405SH18	1800	1448	15500	1.20×10^6	65	500	1000	60	1.350	0.250	125	0.022	W11a
R1448NS20H	N/A	2000	1448	15500	1.20×10^6	40	500	1000	60	1.350	0.250	125	0.022	W11a
R1448NS20J	N/A	2000	1448	15500	1.20×10^6	50	500	1000	60	1.350	0.250	125	0.022	W11a
R1448NS20L	N/A	2000	1448	15500	1.20×10^6	65	500	1000	60	1.350	0.250	125	0.022	W11a
R2475ZC20N	R500CH20	2000	2475	31000	4.81×10^6	100	1700	4000	60	1.504	0.174	125	0.011	W13
R2475ZC28N	R500CH28	2800	2475	31000	4.81×10^6	100	1700	4000	60	1.504	0.174	125	0.011	W13
R2475ZD20N	R500DH20	2000	2475	31000	4.81×10^6	100	1700	4000	60	1.504	0.174	125	0.011	W46
R2475ZD28N	R500DH28	2800	2475	31000	4.81×10^6	100	1700	4000	60	1.504	0.174	125	0.011	W46
R2619ZC18J	R600CH18	1800	2619	33800	5.71×10^6	50	1100	4000	60	1.300	0.175	125	0.011	W13
R2619ZC18K	R600CH18	1800	2619	33800	5.71×10^6	60	1100	4000	60	1.300	0.175	125	0.011	W13
R2619ZC18L	R600CH18	1800	2619	33800	5.71×10^6	65	1100	4000	60	1.300	0.175	125	0.011	W13
R2619ZC21J	R600CH21	2100	2619	33800	5.71×10^6	50	1100	4000	60	1.300	0.175	125	0.011	W13
R2619ZC21K	R600CH21	2100	2619	33800	5.71×10^6	60	1100	4000	60	1.300	0.175	125	0.011	W13
R2619ZC21L	R600CH21	2100	2619	33800	5.71×10^6	65	1100	4000	60	1.300	0.175	125	0.011	W13
R2619ZC25J	R600CH25	2500	2619	33800	5.71×10^6	50	1100	4000	60	1.300	0.175	125	0.011	W13
R2619ZC25K	R600CH25	2500	2619	33800	5.71×10^6	60	1100	4000	60	1.300	0.175	125	0.011	W13
R2619ZC25L	R600CH25	2500	2619	33800	5.71×10^6	65	1100	4000	60	1.300	0.175	125	0.011	W13
R2619ZD18J	N/A	1800	2619	33800	5.71×10^6	50	1100	4000	60	1.300	0.175	125	0.011	W46
R2619ZD18K	N/A	1800	2619	33800	5.71×10^6	60	1100	4000	60	1.300	0.175	125	0.011	W46
R2619ZD18L	N/A	1800	2619	33800	5.71×10^6	65	1100	4000	60	1.300	0.175	125	0.011	W46
R2619ZD21J	N/A	2100	2619	33800	5.71×10^6	50	1100	4000	60	1.300	0.175	125	0.011	W46
R2619ZD21K	N/A	2100	2619	33800	5.71×10^6	60	1100	4000	60	1.300	0.175	125	0.011	W46
R2619ZD21L	N/A	2100	2619	33800	5.71×10^6	65	1100	4000	60	1.300	0.175	125	0.011	W46
R2619ZD25J	N/A	2500	2619	33800	5.71×10^6	50	1100	4000	60	1.300	0.175	125	0.011	W46
R2619ZD25K	N/A	2500	2619	33800	5.71×10^6	60	1100	4000	60	1.300	0.175	125	0.011	W46
R2619ZD25L	N/A	2500	2619	33800	5.71×10^6	65	1100	4000	60	1.300	0.175	125	0.011	W46
R2620ZC22J	R610CH22	2200	2620	33800	5.71×10^6	50	1460	4000	60	1.308	0.173	125	0.011	W13
R2620ZC22K	R610CH22	2200	2620	33800	5.71×10^6	60	1460	4000	60	1.308	0.173	125	0.011	W13
R2620ZC22L	R610CH22	2200	2620	33800	5.71×10^6	65	1460	4000	60	1.308	0.173	125	0.011	W13
R2620ZC25J	R610CH25	2500	2620	33800	5.71×10^6	50	1460	4000	60	1.308	0.173	125	0.011	W13
R2620ZC25K	R610CH25	2500	2620	33800	5.71×10^6	60	1460	4000	60	1.308	0.173	125	0.011	W13
R2620ZC25L	R610CH25	2500	2620	33800	5.71×10^6	65	1460	4000	60	1.308	0.173	125	0.011	W13
R2620ZD22J	N/A	2200	2620	33800	5.71×10^6	50	1460	4000	60	1.308	0.173	125	0.011	W46
R2620ZD22K	N/A	2200	2620	33800	5.71×10^6	60	1460	4000	60	1.308	0.173	125	0.011	W46
R2620ZD22L	N/A	2200	2620	33800	5.71×10^6	65	1460	4000	60	1.308	0.173	125	0.011	W46
R2620ZD25J	N/A	2500	2620	33800	5.71×10^6	50	1460	4000	60	1.308	0.173	125	0.011	W46
R2620ZD25K	N/A	2500	2620	33800	5.71×10^6	60	1460	4000	60	1.308	0.173	125	0.011	W46
R2620ZD25L	N/A	2500	2620	33800	5.71×10^6	65	1460	4000	60	1.308	0.173	125	0.011	W46
R2714ZC16H	R800CH16	1600	2714	35600	6.34×10^6	40	700	4000	60	1.250	0.163	125	0.011	W13
R2714ZC16J	R800CH16	1600	2714	35600	6.34×10^6	50	700	4000	60	1.250	0.163	125	0.011	W13
R2714ZC16K	R800CH16	1600	2714	35600	6.34×10^6	60	700	4000	60	1.250	0.163	125	0.011	W13
R2714ZC18H	R800CH18	1800	2714	35600	6.34×10^6	40	700	4000	60	1.250	0.163	125	0.011	W13
R2714ZC18J	R800CH18	1800	2714	35600	6.34×10^6	50	700	4000	60	1.250	0.163	125	0.011	W13
R2714ZC18K	R800CH18	1800	2714	35600	6.34×10^6	60	700	4000	60	1.250	0.163	125	0.011	W13
R2714ZD16H	N/A	1600	2714	35600	6.34×10^6	40	700	4000	60	1.250	0.163	125	0.011	W46
R2714ZD16J	N/A	1600	2714	35600	6.34×10^6	50	700	4000	60	1.250	0.163	125	0.011	W46
R2714ZD16K	N/A	1600	2714	35600	6.34×10^6	60	700	4000	60	1.250	0.163	125	0.011	W46
R2714ZD18H	N/A	1800	2714	35600	6.34×10^6	40	700	4000	60	1.250	0.163	125	0.011	W46
R2714ZD18J	N/A	1800	2714	35600	6.34×10^6	50	700	4000	60	1.250	0.163	125	0.011	W46
R2714ZD18K	N/A	1800	2714	35600	6.34×10^6	60	700	4000	60	1.250	0.163	125	0.011	W46
R3047TC24N	R1863CH24	2400	3047	50000	12.5×10^6	100	950	5000	60	1.580	0.170	125	0.008	W14
R3047TC24R	R1863CH24	2400	3047	50000	12.5×10^6	140	950	5000	60	1.580	0.170	125	0.008	W14
R3047TC24T	R1863CH24	2400	3047	50000	12.5×10^6	200	950	5000	60	1.580	0.170	125	0.008	W14
R3047TC28N	R1863CH28	2800	3047	50000	12.5×10^6	100	950	5000	60	1.580	0.170	125	0.008	W14
R3047TC28R	R1863CH28	2800	3047	50000	12.5×10^6	140	950	5000	60	1.580	0.170	125	0.008	W14
R3047TC28T	R1863CH28	2800	3047	50000	12.5×10^6	200	950	5000	60	1.580	0.170	125	0.008	W14
R3047TD24N	R1863DH24	2400	3047	50000	12.5×10^6	100	950	5000	60	1.580	0.170	125	0.008	W19
R3047TD24R	R1863DH24	2400	3047	50000	12.5×10^6	140	950	5000	60	1.580	0.170	125	0.008	W19
R3047TD24T	R1863DH24	2400	3047	50000	12.5×10^6	200	950	5000	60	1.580	0.170	125	0.008	W19
R3047TD28N	R1863DH28	2800	3047	50000	12.5×10^6	100	950	5000	60	1.580	0.170	125	0.008	W19
R3047TD28R	R1863DH28	2800	3047	50000	12.5×10^6	140	950	5000	60	1.580	0.170	125	0.008	W19
R3047TD28T	R1863DH28	2800	3047	50000	12.5×10^6	200	950	5000	60	1.580	0.170	125	0.008	W19

Type		V_{DRM} V_{RRM}	I_{TAV} T_K=55°C	I_{TSM} 10ms ½ sine V_R ≤60% V_{RRM}	I^2t V_R ≤60% V_{RRM}	t_q @ 200V/µs	Typ. Reverse Recovery Charge T_{JM}, 50% Chord			V_{T0} r_T @T_{JM}		T_{JM}	R_{thJK} 180° Sine	Fig. No.
Part No.	Old Part No.	V	A	A	A^2s	µs	Q_{ra} µC	@I_{TM} A	@-di/dt A/µs	V	mΩ	°C	K/W	
R3370ZC10C	R1200CH10	1000	3370	43900	9.64×10^6	15	225	4000	60	1.220	0.080	125	0.011	W13
R3370ZC10D	R1200CH10	1000	3370	43900	9.64×10^6	20	225	4000	60	1.220	0.080	125	0.011	W13
R3370ZC10E	R1200CH10	1000	3370	43900	9.64×10^6	25	225	4000	60	1.220	0.080	125	0.011	W13
R3370ZC12C	R1200CH12	1200	3370	43900	9.64×10^6	15	225	4000	60	1.220	0.080	125	0.011	W13
R3370ZC12D	R1200CH12	1200	3370	43900	9.64×10^6	20	225	4000	60	1.220	0.080	125	0.011	W13
R3370ZC12E	R1200CH12	1200	3370	43900	9.64×10^6	25	225	4000	60	1.220	0.080	125	0.011	W13
R3370ZD10C	N/A	1000	3370	43900	9.64×10^6	15	225	4000	60	1.220	0.080	125	0.011	W46
R3370ZD10D	N/A	1000	3370	43900	9.64×10^6	20	225	4000	60	1.220	0.080	125	0.011	W46
R3370ZD10E	N/A	1000	3370	43900	9.64×10^6	25	225	4000	60	1.220	0.080	125	0.011	W46
R3370ZD12C	N/A	1200	3370	43900	9.64×10^6	15	225	4000	60	1.220	0.080	125	0.011	W46
R3370ZD12D	N/A	1200	3370	43900	9.64×10^6	20	225	4000	60	1.220	0.080	125	0.011	W46
R3370ZD12E	N/A	1200	3370	43900	9.64×10^6	25	225	4000	60	1.220	0.080	125	0.011	W46
R3559TC16K	R1966CH16	1600	3559	38900	7.57×10^6	60	1200	4000	60	1.173	0.155	125	0.008	W14
R3559TC16N	R1966CH16	1600	3559	38900	7.57×10^6	100	1200	4000	60	1.173	0.155	125	0.008	W14
R3559TC16R	R1966CH16	1600	3559	38900	7.57×10^6	140	1200	4000	60	1.173	0.155	125	0.008	W14
R3559TC16T	R1966CH16	1600	3559	38900	7.57×10^6	200	1200	4000	60	1.173	0.155	125	0.008	W14
R3559TC20K	R1966CH20	2000	3559	38900	7.57×10^6	60	1200	4000	60	1.173	0.155	125	0.008	W14
R3559TC20N	R1966CH20	2000	3559	38900	7.57×10^6	100	1200	4000	60	1.173	0.155	125	0.008	W14
R3559TC20R	R1966CH20	2000	3559	38900	7.57×10^6	140	1200	4000	60	1.173	0.155	125	0.008	W14
R3559TC20T	R1966CH20	2000	3559	38900	7.57×10^6	200	1200	4000	60	1.173	0.155	125	0.008	W14
R3559TD16K	R1966DH16	1600	3559	38900	7.57×10^6	60	1200	4000	60	1.173	0.155	125	0.008	W19
R3559TD16N	R1966DH16	1600	3559	38900	7.57×10^6	100	1200	4000	60	1.173	0.155	125	0.008	W19
R3559TD16R	R1966DH16	1600	3559	38900	7.57×10^6	140	1200	4000	60	1.173	0.155	125	0.008	W19
R3559TD16T	R1966DH16	1600	3559	38900	7.57×10^6	200	1200	4000	60	1.173	0.155	125	0.008	W19
R3559TD20K	R1966DH20	2000	3559	38900	7.57×10^6	60	1200	4000	60	1.173	0.155	125	0.008	W19
R3559TD20N	R1966DH20	2000	3559	38900	7.57×10^6	100	1200	4000	60	1.173	0.155	125	0.008	W19
R3559TD20R	R1966DH20	2000	3559	38900	7.57×10^6	140	1200	4000	60	1.173	0.155	125	0.008	W19
R3559TD20T	R1966DH20	2000	3559	38900	7.57×10^6	200	1200	4000	60	1.173	0.155	125	0.008	W19
R3708FC40V	R1386CH40	4000	3708	50000	12.5×10^6	250	4000	4000	60	1.473	0.156	125	0.007	W15
R3708FC40W	R1386CH40	4000	3708	50000	12.5×10^6	300	4000	4000	60	1.473	0.156	125	0.007	W15
R3708FC45V	R1386CH45	4500	3708	50000	12.5×10^6	250	4000	4000	60	1.473	0.156	125	0.007	W15
R3708FC45W	R1386CH45	4500	3708	50000	12.5×10^6	300	4000	4000	60	1.473	0.156	125	0.007	W15
Dev> RX075FD24R	N/A	2400	3814	64500	20.8×10^6	140	1800	4000	60	1.568	0.133	125	0.007	W48
Dev> RX075FD24T	N/A	2400	3814	64500	20.8×10^6	200	1800	4000	60	1.568	0.133	125	0.007	W48
Dev> RX075FD28R	N/A	2800	3814	64500	20.8×10^6	140	1800	4000	60	1.568	0.133	125	0.007	W48
Dev> RX075FD28T	N/A	2800	3814	64500	20.8×10^6	200	1800	4000	60	1.568	0.133	125	0.007	W48