

Part Number	V _{RRM} / V _{DRM} (V)	I _{RMS} (A)	I _{T(AV)} (A)	@T _C (°C)	I _{TSM}		V _{GT} (V)	I _{GT} (A)	V _{TM} (V)	@I _{TM} (A)	dv/dt (V/μs)	R _{θJC(DC)} (°C/W)	Notes	Fax on Demand Number	Case Outline Key
					(a)	(b)									

Thyristors

TO-209AC (TO-94)

80RIA40	400	80	125	85	1600	1675	2.5	120	1.4	250	500	0.3	2 3 4 6 7 9	12 13	30085	T4
80RIA80	800	80	125	85	1600	1675	2.5	120	1.4	250	500	0.3	2 3 4 6 7 9	12 13	30085	
80RIA120	1200	80	125	85	1600	1675	2.5	120	1.4	250	500	0.3	2 3 4 6 7 9	12 13	30085	
110RK140	400	110	172	90	1750	1830	2	100	1.5	350	500	0.27	2 3 4 6 7 9	12 13	25152	T6
ST110S04P0V	400	110	175	90	2270	2380	3	150	1.52	350	500	0.195	2 3 7 10		25167	T5
110RK180	800	110	172	90	1750	1830	2	100	1.5	350	500	0.27	2 3 4 6 7 9	12 13	25152	T6
ST110S08P0V	800	110	175	90	2270	2380	3	150	1.52	350	500	0.195	2 3 7 10		25167	T5
110RK1120	1200	110	172	90	1750	1830	2	100	1.5	350	500	0.27	2 3 4 6 7 9	12 13	25152	T6
ST110S12P0V	1200	110	175	90	2270	2380	3	150	1.52	350	500	0.195	2 3 7 10		25167	T5
ST110S14P0	1400	110	175	90	2270	2380	3	150	1.52	350	500	0.195	2 3 7 10		25167	T7
ST110S16P0	1600	110	175	90	2270	2380	3	150	1.52	350	500	0.195	2 3 7 10		25167	

NOTES:

2 For I_{TSM}: 100% V_{RRM} reapplied, T_J=T_J max.=125°C

3 For I_{GT}, V_{GT}: T_J = 25°C

4 V_{TM} @ π X I_{T(AV)} T_J=125°C

5 dv/dt exponential to 0.67 V_{DRM}, T_J=25°C

6 Available with metric stud. To order, add "M" to part number, e.g. 10RIA10M.

7 dv/dt linear to 0.8 V_{DRM}; T_J = 125°C

8 dv/dt exponential to 100% V_{DRM}, T_J = 125°C

9 V_{TM} measured at T_J=T_J max

10 Max T_J = 150°C

11 Available with fast-on terminals. To order, change last '0' to '1' in part number, e.g. ST180S04P1V

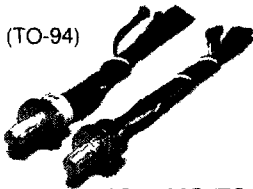
12 Available with fast-on terminals. To order, change first '0' to '1' in part number, e.g. 81RIA40

13 Available with flag terminals. To order, change first '0' to '2' in part number, e.g. 82RIA40

15 dv/dt exponential to 0.67; T_J = 125°C

16 Available with flag terminal. To order, change last '0' to '2' in part number, e.g. ST180S04P2V

TO-209AC (TO-94)



TO-209AB (TO-93)

TO-209AE (TO-118)



TO-208AA
(TO-48)



TO-208AC
(TO-65)



TO-208AD
(TO-83)

