

Phase Control SCR

Part Number	VRRM	I _T (RMS)	I _T (AV) @ T _C	I _{TSM} (2)		(3)	(3)	(4)	(5)	R _{thJC} DC	Notes	Fax-on-Demand Number	Case Style, (Case Outline) (1)
	VDRM (V)			(A)	(A)	50 Hz	60 Hz	V _{GT} (V)	I _{GT} (mA)				
Thyristors													
10RIA10	100	25	10	85	190	200	2.0	60	1.75	300	1.85	(6)	30060TO-208AA (TO-48)(T1)
10RIA20	200	25	10	85	190	200	2.0	60	1.75	300	1.85	(6)	30060
10RIA40	400	25	10	85	190	200	2.0	60	1.75	300	1.85	(6)	30060
10RIA60	600	25	10	85	190	200	2.0	60	1.75	300	1.85	(6)	30060
10RIA80	800	25	10	85	190	200	2.0	60	1.75	300	1.85	(6)	30060
10RIA100	1000	25	10	85	190	200	2.0	60	1.75	300	1.85	(6)	30060
10RIA120	1200	25	10	85	190	200	2.0	60	1.75	300	1.85	(6)	30060
2N681	25	25	16	65	145	150	2.0	40	2.00	250	1.50	(6)	30081
2N682	50	25	16	65	145	150	2.0	40	2.00	250	1.50	(6)	30081
2N683	100	25	16	65	145	150	2.0	40	2.00	250	1.50	(6)	30081
2N684	150	25	16	65	145	150	2.0	40	2.00	250	1.50	(6)	30081
2N685	200	25	16	65	145	150	2.0	40	2.00	250	1.50	(6)	30081
2N686	250	25	16	65	145	150	2.0	40	2.00	250	1.50	(6)	30081
2N687	300	25	16	65	145	150	2.0	40	2.00	250	1.50	(6)	30081
2N688	400	25	16	65	145	150	2.0	40	2.00	250	1.50	(6)	30081
2N689	500	25	16	65	145	150	2.0	40	2.00	250	1.50	(6)	30081
2N690	600	25	16	65	145	150	2.0	40	2.00	250	1.50	(6)	30081
2N691	700	25	16	65	145	150	2.0	40	2.00	250	1.50	(6)	30081
2N692	800	25	16	65	145	150	2.0	40	2.00	250	1.50	(6)	30081
16RIA10	100	35	16	85	285	300	2.0	60	1.75	300	1.15	(6)	30060
16RIA20	200	35	16	85	285	300	2.0	60	1.75	300	1.15	(6)	30060
16RIA40	400	35	16	85	285	300	2.0	60	1.75	300	1.15	(6)	30060
16RIA60	600	35	16	85	285	300	2.0	60	1.75	300	1.15	(6)	30060
16RIA80	800	35	16	85	285	300	2.0	60	1.75	300	1.15	(6)	30060
16RIA100	1000	35	16	85	285	300	2.0	60	1.75	300	1.15	(6)	30060
16RIA120	1200	35	16	85	285	300	2.0	60	1.75	300	1.15	(6)	30060
16RIA140	1400	35	16	80	190	200	2.0	60	1.80	300	1.15	(6)	30060
16RIA160	1600	35	16	80	190	200	2.0	60	1.80	300	1.15	(6)	30060
2N5204	600	35	22	40	285	300	2.0	40	2.30	250	1.50		30081
2N5205	800	35	22	40	285	300	2.0	40	2.30	250	1.50		30081
2N5206	1000	35	22	40	285	300	2.0	40	2.30	250	1.50		30081
2N5207	1200	35	22	40	285	300	2.0	40	2.30	250	1.50		30081
22RIA10	100	35	22	85	335	355	2.0	60	1.70	300	0.86		30060
22RIA20	200	35	22	85	335	355	2.0	60	1.70	300	0.86		30060
22RIA40	400	35	22	85	335	355	2.0	60	1.70	300	0.86		30060
22RIA60	600	35	22	85	335	355	2.0	60	1.70	300	0.86		30060
22RIA80	800	35	22	85	335	355	2.0	60	1.70	300	0.86		30060
22RIA100	1000	35	22	85	335	355	2.0	60	1.70	300	0.86		30060
22RIA120	1200	35	22	85	335	355	2.0	60	1.70	300	0.86		30060
22RIA140	1400	35	22	80	285	300	2.0	60	1.80	300	0.86		30060
22RIA160	1600	35	22	80	285	300	2.0	60	1.80	300	0.86		30060
25RIA10	100	40	25	85	350	370	2.0	60	1.70	300	0.75		30060
25RIA20	200	40	25	85	350	370	2.0	60	1.70	300	0.75		30060
25RIA40	400	40	25	85	350	370	2.0	60	1.70	300	0.75		30060
25RIA60	600	40	25	85	350	370	2.0	60	1.70	300	0.75		30060
25RIA80	800	40	25	85	350	370	2.0	60	1.70	300	0.75		30060
25RIA100	1000	40	25	85	350	370	2.0	60	1.70	300	0.75		30060
25RIA120	1200	40	25	85	350	370	2.0	60	1.70	300	0.75		30060
25RIA140	1400	40	25	80	335	350	2.0	60	1.80	300	0.75		30060
25RIA160	1600	40	25	80	335	350	2.0	60	1.80	300	0.75		30060

- (1) See page 105 for Case Outline information
- (2) 100% VRRM re-applied @ T_j = T_j max 125°C
- (3) T_j = 25°C
- (4) π X I_T(AV) @ T_j = 25°C
- (5) Exponential to 0.67 VDRM; T_j = 125°C
- (6) Available with metric stud. To order, add 'M' to part number, e.g. 10RIA10M.


**TO-208AC
(TO-48)**