

TRIAC

IGT

T-25-01

PART No.	ITrms Amps	PACKAGE	VDRM Volts	IDRM mAmps	Q1	Q2	Q3	Q4	VGT Volts	Ih mAmps	VTM Volts	ITM Amps
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0.6 Amps ITrms

TO-92 Package												
MAC974	0.6	TO92	200	.010	10	10	10	10	2.00	10	1.90	0.85
MAC976	0.6	TO92	400	.010	10	10	10	10	2.00	10	1.90	0.85
MAC978	0.6	TO92	600	.010	10	10	10	10	2.00	10	1.90	0.85
MAC97A4	0.6	TO92	200	.010	5	5	5	7	2.00	10	1.90	0.85
MAC97A6	0.6	TO92	400	.010	5	5	5	7	2.00	10	1.90	0.85
MAC97A8	0.6	TO92	600	.010	5	5	5	7	2.00	10	1.90	0.85

0.8 Amps ITrms

TO-92 Amps ITrms Package												
SC92B	0.8	TO92	200	.100	10	10	10	30	2.00	20	1.50	1.10
SC92C	0.8	TO92	400	.100	10	10	10	30	2.00	20	1.50	1.10
SC92D	0.8	TO92	400	.100	10	10	10	30	2.00	20	1.50	1.10
SC92M	0.8	TO92	600	.100	10	10	10	30	2.00	20	1.50	1.10

1.0 Amps ITrms

TO-92 Package												
L201E3	1.0	TO92	200	.010	3	3	3	3	2.00	5	1.60	1.00
L201E5	1.0	TO92	200	.010	5	5	5	5	2.00	10	1.60	1.00
L201E7	1.0	TO92	200	.010	10	10	10	10	2.00	15	1.60	1.00
L201E9	1.0	TO92	200	.010	25	25	25	25	2.00	25	1.60	1.00
L401E3	1.0	TO92	400	.010	3	3	3	3	2.00	5	1.60	1.00
L401E5	1.0	TO92	400	.010	5	5	5	5	2.00	10	1.60	1.00
L401E7	1.0	TO92	400	.010	10	10	10	10	2.00	15	1.60	1.00
L601E3	1.0	TO92	600	.010	3	3	3	3	2.00	10	1.60	1.00
L601E5	1.0	TO92	600	.010	5	5	5	5	2.00	10	1.60	1.00
L601E7	1.0	TO92	600	.010	10	10	10	10	2.00	25	1.60	1.00

2.5 Amps ITrms

TO-202AB Package												
T2323B	2.5	TO202AB	200	.010	40	40	40	40	2.20	30	2.60	10.00
T2323D	2.5	TO202AB	400	.010	40	40	40	40	2.20	30	2.60	10.00
T2323M	2.5	TO202AB	600	.010	40	40	40	40	2.20	30	2.60	10.00

3.0 Amps ITrms

TO-202ABKGA Package												
SC136B	3.0	TO202ABKGA	200	.010	25	25	25	25	2.00	50	1.80	5.00
SC136D	3.0	TO202ABKGA	400	.010	25	25	25	25	2.00	50	1.80	5.00
SC136M	3.0	TO202ABKGA	600	.010	25	25	25	25	2.00	50	1.80	5.00

4.0 Amps ITrms

TO-202AB Package												
L2004F31	4.0	TO202AB	200	.010	3	3	3	3	2.00	5	1.60	4.00
L2004F51	4.0	TO202AB	200	.010	5	5	5	5	2.00	10	1.60	4.00
L2004F71	4.0	TO202AB	200	.010	10	10	10	10	2.00	15	1.60	4.00
L2004F91	4.0	TO202AB	200	.010	25	25	25	25	2.00	25	1.60	4.00
L4004F31	4.0	TO202AB	400	.010	3	3	3	3	2.00	5	1.60	4.00
L4004F51	4.0	TO202AB	400	.010	5	5	5	5	2.00	10	1.60	4.00
L4004F71	4.0	TO202AB	400	.010	10	10	10	10	2.00	15	1.60	4.00
L4004F91	4.0	TO202AB	400	.010	25	25	25	25	2.00	25	1.60	4.00
Q2004F31	4.0	TO202AB	200	.050	10	10	10	10	2.00	20	1.60	4.00
Q2004F41	4.0	TO202AB	200	.050	25	25	25	25	2.50	30	1.60	4.00
Q4004F31	4.0	TO202AB	400	.050	10	10	10	10	2.00	20	1.60	4.00
Q4004F41	4.0	TO202AB	400	.050	25	25	25	25	2.50	30	1.60	4.00
Q5004F41	4.0	TO202AB	500	.050	25	25	25	25	2.50	30	1.60	4.00
Q6004F41	4.0	TO202AB	600	.050	25	25	25	25	2.50	30	1.60	4.00

TO-202ABKGA												
L2004N31	4.0	TO202ABKGA	200	.020	3	3	3	3	2.00	5	1.60	4.00
L2004N51	4.0	TO202ABKGA	200	.020	5	5	5	5	2.00	15	1.60	4.00
L2004N71	4.0	TO202ABKGA	200	.020	10	10	10	10	2.00	15	1.60	4.00
L4004N31	4.0	TO202ABKGA	400	.020	3	3	3	3	2.00	5	1.60	4.00
L4004N51	4.0	TO202ABKGA	400	.020	5	5	5	5	2.00	15	1.60	4.00

TRIAC

IGT

PART No.	ITrms Amps	PACKAGE	VDRM Volts	IDRM mAmps	Q1	Q2	Q3	Q4	VGT Volts	Ih mAmps	VTM Volts	ITM Amps
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4.0 Amps ITrms (Cont'd)

T-25-01

TO-202ABKGA (Cont'd)

L4004N71	4.0	TO202ABKGA	400	.020	10	10	10	10	2.00	15	1.60	4.00
L4004N91	4.0	TO202ABKGA	400	.020	25	25	25	25	2.00	25	1.60	4.00
L6004N31	4.0	TO202ABKGA	600	.020	3	3	3	3	2.00	5	1.60	4.00
Q2004N31	4.0	TO202ABKGA	200	.050	10	10	10	25	2.00	20	1.60	4.00
Q2004N41	4.0	TO202ABKGA	200	.050	25	25	25	50	2.50	30	1.60	4.00
Q4004N31	4.0	TO202ABKGA	400	.050	10	10	10	25	2.00	20	1.60	4.00
Q4004N41	4.0	TO202ABKGA	400	.050	25	25	25	50	2.50	30	1.60	4.00
Q6004N31	4.0	TO202ABKGA	600	.050	10	10	10	25	2.00	20	1.60	4.00
Q6004N41	4.0	TO202ABKGA	600	.050	25	25	25	50	2.50	30	1.60	4.00

TO-220AB Package

BTB04200S	4.0	TO220AB	200	.010	10	10	10	10	1.50	25	1.65	5.50
BTB04400S	4.0	TO220AB	400	.010	10	10	10	10	1.50	25	1.65	5.50
BTB04600S	4.0	TO220AB	600	.010	10	10	10	10	1.50	25	1.65	5.50
Q2004R4	4.0	TO220AB	200	.050	25	25	25		2.50	30	1.60	4.00
Q4004R4	4.0	TO220AB	400	.050	25	25	25		2.50	30	1.60	4.00
Q5004R4	4.0	TO220AB	500	.050	25	25	25		2.50	30	1.60	4.00
Q6004R4	4.0	TO220AB	600	.050	25	25	25		2.50	30	1.60	4.00
T24	4.0	TO220AB	200	.100	80		80		2.50	60	1.70	4.00
T44	4.0	TO220AB	400	.100	80		80		2.50	60	1.70	4.00
T64	4.0	TO220AB	600	.100	80		80		2.50	60	1.70	4.00

TO-220AB/I Package (Note 1)

BTA04200C	4.0	TO220AB/I	200	.010	5	5	5	5	1.50	15	1.65	5.50
BTA04400C	4.0	TO220AB/I	400	.010	5	5	5	5	1.50	15	1.65	5.50
BTA04600C	4.0	TO220AB/I	600	.010	5	5	5	5	1.50	15	1.65	5.50
BTA04200S	4.0	TO220AB/I	200	.010	10	10	10	10	1.50	25	1.65	5.50
BTA04400S	4.0	TO220AB/I	400	.010	10	10	10	10	1.50	25	1.65	5.50
BTA04600S	4.0	TO220AB/I	600	.010	10	10	10	10	1.50	25	1.65	5.50
BTA04200T	4.0	TO220AB/I	200	.010	5	5	5	5	1.50	15	1.65	5.50
BTA04400T	4.0	TO220AB/I	400	.010	5	5	5	5	1.50	15	1.65	5.50
BTA04600T	4.0	TO220AB/I	600	.010	5	5	5	5	1.50	15	1.65	5.50
L2004L3	4.0	TO220AB/I	200	.010	3	3	3	3	2.00	5	1.60	4.00
L2004L5	4.0	TO220AB/I	200	.010	5	5	5	5	2.00	10	1.60	4.00
L2004L7	4.0	TO220AB/I	200	.010	10	10	10	10	2.00	15	1.60	4.00
L2004L9	4.0	TO220AB/I	200	.010	25	25	25	25	2.00	25	1.60	4.00
L4004L3	4.0	TO220AB/I	400	.010	3	3	3	3	2.00	5	1.60	4.00
L4004L5	4.0	TO220AB/I	400	.010	5	5	5	5	2.00	10	1.60	4.00
L4004L7	4.0	TO220AB/I	400	.010	10	10	10	10	2.00	15	1.60	4.00
L4004L9	4.0	TO220AB/I	400	.010	25	25	25	25	2.00	25	1.60	4.00
L6004L9	4.0	TO220AB/I	600	.010	25	25	25	25	2.00	25	1.60	4.00
Q2004L3	4.0	TO220AB/I	200	.050	10	10	10		2.00	20	1.60	4.00
Q2004L4	4.0	TO220AB/I	200	.050	25	25	25		2.50	30	1.60	4.00
Q4004L3	4.0	TO220AB/I	400	.050	10	10	10		2.00	20	1.60	4.00
Q4004L4	4.0	TO220AB/I	400	.050	25	25	25		2.50	30	1.60	4.00
Q5004L4	4.0	TO220AB/I	500	.050	25	25	25		2.50	30	1.60	4.00
Q6004L4	4.0	TO220AB/I	600	.050	25	25	25		2.50	30	1.60	4.00
T24I	4.0	TO220AB/I	200	.100	80		80		2.50	60	1.60	4.00
T44I	4.0	TO220AB/I	400	.100	80		80		2.50	60	1.60	4.00
T64I	4.0	TO220AB/I	600	.100	80		80		2.50	60	1.60	4.00

5.0 Amps ITrms

TO-220AB Package

T0505BH	5.0	TO220AB	200	.020	5	5	5	5	2.50	15	1.45	5.00
T0505DH	5.0	TO220AB	400	.020	5	5	5	5	2.50	15	1.45	5.00
T0505MH	5.0	TO220AB	600	.020	5	5	5	5	2.50	15	1.45	5.00
T0505NH	5.0	TO220AB	800	.020	5	5	5	5	2.50	15	1.45	5.00
T0510BH	5.0	TO220AB	200	.005	25	25	25	25	2.50	50	1.45	5.00
T0510DH	5.0	TO220AB	400	.005	25	25	25	25	2.50	50	1.45	5.00
T0510MH	5.0	TO220AB	600	.005	25	25	25	25	2.50	50	1.45	5.00
T0510NH	5.0	TO220AB	800	.005	25	25	25	25	2.50	50	1.45	5.00
T25	5.0	TO220AB	200	.300	80		80		3.50	90	2.00	5.00
T45	5.0	TO220AB	400	.300	80		80		3.50	90	2.00	5.00
T65	5.0	TO220AB	600	.300	80		80		3.50	90	2.00	5.00

6.0 Amps ITrms

5/8"SWG/TO3 Package (note 1)

Q4006A	6.0	5/8SWGITO3	400	.100	50	50	50		2.50	50	1.60	6.00
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TRIAC

T-25-01

PART No.	ITrms Amps	PACKAGE	VDRM Volts	IDRM mAmps	IGT				VGT Volts	Ih mAmps	VTM Volts	ITM Amps
					Q1	Q2	Q3	Q4				

6.0 Amps ITrms (Cont'd)

5/8"SWG/I Package (Note 1)												
Q2006	6.0	5/8SWG/I	200	.050	50	50	50		2.50	50	1.60	6.00
Q4006	6.0	5/8SWG/I	400	.050	50	50	50		2.50	50	1.60	6.00
Q6006	6.0	5/8SWG/I	600	.050	50	50	50		2.50	50	1.60	6.00

TO-202AB												
Q2006F41	6.0	TO202AB	200	.050	25	25	25		2.50	50	1.60	6.00
Q4006F41	6.0	TO202AB	400	.050	25	25	25		2.50	50	1.60	6.00
Q5006F41	6.0	TO202AB	500	.050	25	25	25		2.50	50	1.60	6.00
Q6006F51	6.0	TO202AB	600	.050	50	50	50		2.50	50	1.60	6.00

TO-220AB Package												
BTB06200S	6.0	TO220AB	200	.100	10	10	10	10	2.50	25	1.65	8.50
BTB06400S	6.0	TO220AB	400	.100	10	10	10	10	2.50	25	1.65	8.50
BTB06600S	6.0	TO220AB	600	.500	10	10	10	10	2.50	25	1.65	8.50
BTB06700S	6.0	TO220AB	700	.500	10	10	10	10	2.50	25	1.65	8.50
Q2006R4	6.0	TO220AB	200	.050	25	25	25		2.50	50	1.60	6.00
Q2006R5	6.0	TO220AB	200	.050	50	50	50		2.50	50	1.60	6.00
Q4006R4	6.0	TO220AB	400	.050	25	25	25		2.50	50	1.60	6.00
Q4006R5	6.0	TO220AB	400	.050	50	50	50		2.50	50	1.60	6.00
Q5006R4	6.0	TO220AB	500	.050	25	25	25		2.50	50	1.60	6.00
Q6006R4	6.0	TO220AB	600	.050	25	25	25		2.50	50	1.60	6.00
Q6006R5	6.0	TO220AB	600	.050	50	50	50		2.50	50	1.60	6.00
SC141B	6.0	TO220AB	200	.100	50	50	50		2.50	50	1.83	8.50
SC141D	6.0	TO220AB	400	.100	50	50	50		2.50	50	1.83	8.50
SC141E	6.0	TO220AB	500	.100	50	50	50		2.50	50	1.83	8.50
SC141M	6.0	TO220AB	600	.100	50	50	50		2.50	50	1.83	8.50
T2500B	6.0	TO220AB	200	.100	25	60	25	60	2.50	30	2.00	30.00
T2500D	6.0	TO220AB	400	.100	25	60	25	60	2.50	30	2.00	30.00
T2500M	6.0	TO220AB	600	.100	25	60	25	60	2.50	30	2.00	30.00
T26	6.0	TO220AB	200	.100	80		80		2.50	100	1.70	6.00
T2801B	6.0	TO220AB	200	.100	80		80		4.00	50	3.00	30.00
T2801C	6.0	TO220AB	300	.100	80		80		4.00	50	3.00	30.00
T2801D	6.0	TO220AB	400	.100	80		80		4.00	50	3.00	30.00
T2801E	6.0	TO220AB	500	.100	80		80		4.00	50	3.00	30.00
T2801M	6.0	TO220AB	600	.100	80		80		4.00	50	3.00	30.00
T46	6.0	TO220AB	400	.100	80		80		2.50	100	1.70	6.00
T66	6.0	TO220AB	600	.100	80		80		2.50	100	1.70	6.00
TIC216B	6.0	TO220AB	200	.100	5	5	5	10	2.20	30	1.70	8.40
TIC216D	6.0	TO220AB	400	.100	5	5	5	10	2.20	30	1.70	8.40
TIC216M	6.0	TO220AB	600	.100	5	5	5	10	2.20	30	1.70	8.40
TO610BH	6.0	TO220AB	200	.050	25	25	25	25	2.50	15	1.85	7.50
TO610DH	6.0	TO220AB	400	.050	25	25	25	25	2.50	15	1.85	7.50
TO610MH	6.0	TO220AB	600	.050	25	25	25	25	2.50	15	1.85	7.50

TO-220AB/I Package (Note 1)												
BTA06200B	6.0	TO220AB/I	200	.01	50	50	50	100	2.50	50	1.65	8.50
BTA06200S	6.0	TO220AB/I	200	.100	10	10	10	10	2.50	25	1.65	8.50
BTA06200T	6.0	TO220AB/I	200	.01	5	5	5	5	1.50	15	1.65	8.50
BTA06400B	6.0	TO220AB/I	400	.100	50	50	50	100	2.50	50	1.65	8.50
BTA06400B	6.0	TO220AB/I	400	.01	50	50	50	100	2.50	50	1.65	8.50
BTA06400S	6.0	TO220AB/I	400	.100	10	10	10	10	2.50	25	1.65	8.50
BTA06400T	6.0	TO220AB/I	400	.01	5	5	5	5	1.50	15	1.65	8.50
BTA06600S	6.0	TO220AB/I	600	.100	10	10	10	10	2.50	25	1.65	8.50
BTA06600T	6.0	TO220AB/I	600	.010	5	5	5	5	1.50	15	1.65	8.50
L2006L6	6.0	TO220AB/I	200	.020	5	5	5	25	2.00	15	1.60	6.00
L2006L7	6.0	TO220AB/I	200	.020	10	10	10	10	2.00	15	1.60	6.00
L2006L9	6.0	TO220AB/I	200	.020	25	25	25	25	2.00	30	1.60	6.00
L4006L6	6.0	TO220AB/I	400	.020	5	5	5	25	2.00	15	1.60	6.00
L4006L7	6.0	TO220AB/I	400	.020	10	10	10	10	2.00	15	1.60	6.00
L4006L9	6.0	TO220AB/I	400	.020	25	25	25	25	2.00	30	1.60	6.00
Q2006L4	6.0	TO220AB/I	200	.050	25	25	25		2.50	50	1.60	6.00
Q2006L5	6.0	TO220AB/I	200	.050	50	50	50		2.50	50	1.60	6.00
Q4006L4	6.0	TO220AB/I	400	.050	25	25	25		2.50	50	1.60	6.00
Q4006L5	6.0	TO220AB/I	400	.050	50	50	50		2.50	50	1.60	6.00
Q5006L4	6.0	TO220AB/I	500	.050	25	25	25		2.50	50	1.60	6.00
Q6006L4	6.0	TO220AB/I	600	.050	25	25	25		2.50	50	1.60	6.00
Q6006L5	6.0	TO220AB/I	600	.050	50	50	50		2.50	50	1.60	6.00
TO612BJ	6.0	TO220AB/I	200	.100	50	50	50	50	2.50	100	1.55	15.00
TO612DJ	6.0	TO220AB/I	400	.100	50	50	50	50	2.50	100	1.55	15.00
TO612MJ	6.0	TO220AB/I	600	.100	50	50	50	50	2.50	100	1.55	15.00
TO612NJ	6.0	TO220AB/I	800	.100	50	50	50	50	2.50	100	1.55	15.00

TRIAC

IGT

PART No.	ITrms Amps	PACKAGE	VDRM Volts	IDRM mAmps	Q1	Q2	Q3	Q4	VGT Volts	Ih mAmps	VTM Volts	ITM Amps
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6.0 Amps ITrms (Cont'd)

T-25-01

TO-220AB/I Package (Cont'd)												
T26I	6.0	TO220AB/I	200	.100	80		80		2.50	60	1.70	6.00
T46I	6.0	TO220AB/I	400	.100	80		80		2.50	100	1.70	6.00
T66I	6.0	TO220AB/I	600	.100	80		80		2.50	100	1.70	6.00

6.5 Amps ITrms

TO220AB/I Package (Note 1)												
SC140B	6.5	TO220AB/I	200	.100	50	50	50		2.50	50	1.85	9.20
SC140D	6.5	TO220AB/I	400	.100	50	50	50		2.50	50	1.85	9.20
SC140M	6.5	TO220AB/I	600	.100	50	50	50		2.50	50	1.85	9.20

8.0 Amps ITrms

TO-202AB Package												
Q2008F41	8.0	TO202AB	200	.050	25	25	25		2.50	50	1.60	8.00
Q2008F51	8.0	TO202AB	200	.100	50	50	50	75	2.50	50	1.60	8.00
Q4008F41	8.0	TO202AB	400	.050	25	25	25		2.50	50	1.60	8.00
Q4008F51	8.0	TO202AB	400	.100	50	50	50	75	2.50	50	1.60	8.00
Q5008F41	8.0	TO202AB	500	.050	25	25	25		2.50	50	1.60	8.00
Q5008F51	8.0	TO202AB	600	.050	50	50	50		2.50	50	1.60	8.00
SC116B	8.0	TO202AB	200	.100	50	80	50		2.50	50	1.63	11.50
SC116D	8.0	TO202AB	400	.100	50	80	50		2.50	50	1.63	11.50
SC116E	8.0	TO202AB	500	.100	50	80	50		2.50	50	1.63	11.50
SC116M	8.0	TO202AB	600	.100	50	80	50		2.50	50	1.63	11.50

TO-220AB Package												
2N6342	8.0	TO220AB	200	.010	50		50		2.00	40	1.55	11.00
2N6343	8.0	TO220AB	400	.010	50		50		2.00	40	1.55	11.00
2N6344	8.0	TO220AB	600	.010	50		50		2.00	40	1.55	11.00
2N6345	8.0	TO220AB	800	.010	50		50		2.00	40	1.55	11.00
2N6346	8.0	TO220AB	200	.010	50	75	50	75	2.50	40	1.55	11.00
2N6347	8.0	TO220AB	400	.010	50	75	50	75	2.50	40	1.55	11.00
2N6348	8.0	TO220AB	600	.010	50	75	50	75	2.50	40	1.55	11.00
2N6349	8.0	TO220AB	800	.010	50	75	50	75	2.50	40	1.55	11.00
BTB08200B	8.0	TO220AB	200	.050	50	50	50	100	2.50	50	1.75	11.00
BTB08200S	8.0	TO220AB	200	.050	10	10	10	10	2.50	25	1.75	11.00
BTB08400B	8.0	TO220AB	400	.050	50	50	50	100	2.50	50	1.75	11.00
BTB08400S	8.0	TO220AB	400	.050	10	10	10	10	2.50	25	1.75	11.00
BTB08600B	8.0	TO220AB	600	.050	50	50	50	100	2.50	50	1.75	11.00
BTB08600S	8.0	TO220AB	600	.050	10	10	10	10	2.50	25	1.75	11.00
BTB08800B	8.0	TO220AB	800	.050	50	50	50	100	2.50	50	1.75	11.00
BTB08800S	8.0	TO220AB	800	.050	10	10	10	10	2.50	25	1.75	11.00
L2008R6	8.0	TO220AB	200	.020	5	5	5	25	2.00	15	1.60	8.00
L4008R6	8.0	TO220AB	400	.020	5	5	5	25	2.00	15	1.60	8.00
L6008R6	8.0	TO220AB	600	.020	5	5	5	25	2.00	15	1.60	8.00
MAC21810	8.0	TO220AB	800	.010	50	50	50		2.00	50	2.00	11.30
MAC2184	8.0	TO220AB	200	.010	50	50	50		2.00	50	2.00	11.30
MAC2186	8.0	TO220AB	400	.010	50	50	50		2.00	50	2.00	11.30
MAC2188	8.0	TO220AB	600	.010	50	50	50		2.00	50	2.00	11.30
MAC218A10	8.0	TO220AB	800	.010	50	50	50	75	2.00	50	2.00	11.30
MAC218A4	8.0	TO220AB	200	.010	50	50	50	75	2.00	50	2.00	11.30
MAC218A6	8.0	TO220AB	400	.010	50	50	50	75	2.00	50	2.00	11.30
MAC218A8	8.0	TO220AB	600	.010	50	50	50	75	2.00	50	2.00	11.30
MAC22810	8.0	TO220AB	800	.010	5	5	5	10	2.00	15	1.80	11.00
MAC2284	8.0	TO220AB	200	.010	5	5	5	10	2.00	15	1.80	11.00
MAC2286	8.0	TO220AB	400	.010	5	5	5	10	2.00	15	1.80	11.00
MAC2288	8.0	TO220AB	600	.010	5	5	5	10	2.00	15	1.80	11.00
Q2008R4	8.0	TO220AB	200	.050	25	25	25		2.50	50	1.60	8.00
Q4008R4	8.0	TO220AB	400	.050	25	25	25		2.50	50	1.60	8.00
Q5008R4	8.0	TO220AB	500	.050	25	25	25		2.50	50	1.60	8.00
Q6008R5	8.0	TO220AB	600	.050	50	50	50		2.50	50	1.60	8.00
SC143B	8.0	TO220AB	200	.100	50	50	50		2.50	50	1.55	11.50
SC143D	8.0	TO220AB	400	.100	50	50	50		2.50	50	1.55	11.50
SC143E	8.0	TO220AB	500	.100	50	50	50		2.50	50	1.55	11.50
SC143M	8.0	TO220AB	600	.100	50	50	50		2.50	50	1.55	11.50
T0810BH	8.0	TO220AB	200	.100	25	25	25	25	2.50	50	1.85	12.00
T0810DH	8.0	TO220AB	400	.100	25	25	25	25	2.50	50	1.85	12.00
T0810MH	8.0	TO220AB	600	.100	25	25	25	25	2.50	50	1.85	12.00
T0810NH	8.0	TO220AB	800	.100	25	25	25	25	2.50	50	1.85	12.00
T28	8.0	TO220AB	200	.100	80		80		2.54	100	1.70	8.00

TRIAC

PART No.	ITrms Amps	PACKAGE	VDRM Volts	IDRM mAmps	IGT				VGT Volts	Ih mAmps	VTM Volts	ITM Amps
					Q1	Q2	Q3	Q4				

8.0 Amps ITrms (Cont'd)

T-25-01

TO-220AB Package (Cont'd)												
T2800B	8.0	TO220AB	200	.100	25	60	25	60	2.50	30	2.00	30.00
T2800C	8.0	TO220AB	300	.100	25	60	25	60	2.50	30	2.00	30.00
T2800D	8.0	TO220AB	400	.100	25	60	25	60	2.50	30	2.00	30.00
T2800E	8.0	TO220AB	500	.100	25	60	25	60	2.50	30	2.00	30.00
T2800M	8.0	TO220AB	600	.100	25	60	25	60	2.50	30	2.00	30.00
T2802B	8.0	TO220AB	200	.100	50		50		2.50	60	2.00	30.00
T2802C	8.0	TO220AB	300	.100	50		50		2.50	60	2.00	30.00
T2802D	8.0	TO220AB	400	.100	50		50		2.50	60	2.00	30.00
T2802E	8.0	TO220AB	500	.100	50		50		2.50	60	2.00	30.00
T2802M	8.0	TO220AB	600	.100	50		50		2.50	60	2.00	30.00
T48	8.0	TO220AB	400	.100	80		80		2.50	100	1.70	8.00
T68	8.0	TO220AB	600	.100	80		80		2.50	100	1.70	8.00
TIC226B	8.0	TO220AB	200	.100	50	50	50		2.50	60	2.10	12.00
TIC226D	8.0	TO220AB	400	.100	50	50	50		2.50	60	2.10	12.00
TIC226M	8.0	TO220AB	600	.100	50	50	50		2.50	60	2.10	12.00

TO-220AB/I Package (Note 1)												
BTA08200B	8.0	TO220AB/I	200	.100	50	50	50	100	2.50	50	1.75	11.00
BTA08200C	8.0	TO220AB/I	200	.100	25	25	25	50	2.50	25	1.75	11.00
BTA08200S	8.0	TO220AB/I	200	.100	10	10	10	10	2.50	25	1.75	11.00
BTA08400B	8.0	TO220AB/I	400	.100	50	50	50	100	2.50	50	1.75	11.00
BTA08400C	8.0	TO220AB/I	400	.100	25	25	25	50	2.50	25	1.75	11.00
BTA08400S	8.0	TO220AB/I	400	.100	10	10	10	10	2.50	25	1.75	11.00
BTA08600B	8.0	TO220AB/I	600	.100	50	50	50	100	2.50	50	1.75	11.00
BTA08600C	8.0	TO220AB/I	600	.100	25	25	25	50	2.50	25	1.75	11.00
BTA08600S	8.0	TO220AB/I	600	.100	10	10	10	10	2.50	25	1.75	11.00
BTA08800B	8.0	TO220AB/I	800	.100	50	50	50	100	2.50	50	1.75	11.00
BTA08800C	8.0	TO220AB/I	800	.100	25	25	25	50	2.50	25	1.75	11.00
L2008L6	8.0	TO220AB/I	200	.020	5	5	5	25	2.00	15	1.60	8.00
L2008L7	8.0	TO220AB/I	200	.020	10	10	10	10	2.00	15	1.60	8.00
L2008L9	8.0	TO220AB/I	200	.020	25	25	25	25	2.00	30	1.60	8.00
L4008L6	8.0	TO220AB/I	400	.020	5	5	5	25	2.00	15	1.60	8.00
L4008L7	8.0	TO220AB/I	400	.020	10	10	10	10	2.00	15	1.60	8.00
L4008L9	8.0	TO220AB/I	400	.020	25	25	25	25	2.00	30	1.60	8.00
L6008L9	8.0	TO220AB/I	600	.020	25	25	25	25	2.00	30	1.60	8.00
MAC21810FP	8.0	TO220AB/I	800	.010	50	50	50		2.00	50	2.00	11.30
MAC2184FP	8.0	TO220AB/I	200	.010	50	50	50		2.00	50	2.00	11.30
MAC2186FP	8.0	TO220AB/I	400	.010	50	50	50		2.00	50	2.00	11.30
MAC2188FP	8.0	TO220AB/I	600	.010	50	50	50		2.00	50	2.00	11.30
MAC218A10FP	8.0	TO220AB/I	800	.010	50	50	50	75	2.00	50	2.00	11.30
MAC218A4FP	8.0	TO220AB/I	200	.010	50	50	50	75	2.00	50	2.00	11.30
MAC218A6FP	8.0	TO220AB/I	400	.010	50	50	50	75	2.00	50	2.00	11.30
MAC218A8FP	8.0	TO220AB/I	600	.010	50	50	50	75	2.00	50	2.00	11.30
MAC22810FP	8.0	TO220AB/I	800	.010	5	5	5	10	2.00	15	1.80	11.00
MAC2284FP	8.0	TO220AB/I	200	.010	5	5	5	10	2.00	15	1.80	11.00
MAC2286FP	8.0	TO220AB/I	400	.010	5	5	5	10	2.00	15	1.80	11.00
MAC2288FP	8.0	TO220AB/I	600	.010	5	5	5	10	2.00	15	1.80	11.00
Q2008L4	8.0	TO220AB/I	200	.050	25	25	25		2.50	50	1.60	8.00
Q2008L5	8.0	TO220AB/I	200	.050	50	50	50		2.50	50	1.60	8.00
Q4008L4	8.0	TO220AB/I	400	.050	25	25	25		2.50	50	1.60	8.00
Q4008L5	8.0	TO220AB/I	400	.050	50	50	50		2.50	50	1.60	8.00
Q5008L4	8.0	TO220AB/I	500	.050	25	25	25		2.50	50	1.60	8.00
Q6008L4	8.0	TO220AB/I	600	.050	25	25	25		2.50	50	1.60	8.00
Q6008L5	8.0	TO220AB/I	600	.050	50	50	50		2.50	50	1.60	8.00
SC142B	8.0	TO220AB/I	200	.100	50	50	50		2.50	50	1.75	11.50
SC142D	8.0	TO220AB/I	400	.100	50	50	50		2.50	50	1.75	11.50
SC142M	8.0	TO220AB/I	600	.100	50	50	50		2.50	50	1.75	11.50
T0812BJ	8.0	TO220AB/I	200	.100	50	50	50	50	2.50	100	1.75	15.00
T0812DJ	8.0	TO220AB/I	400	.100	50	50	50	50	2.50	100	1.75	15.00
T0812MJ	8.0	TO220AB/I	600	.100	50	50	50	50	2.50	100	1.75	15.00
T0812NJ	8.0	TO220AB/I	800	.100	50	50	50	50	2.50	100	1.75	15.00
T2850B	8.0	TO220AB/I	200	.200	25	60	25	60	2.50	30	2.00	30.00
T2850D	8.0	TO220AB/I	400	.200	25	60	25	60	2.50	30	2.00	30.00
T2850M	8.0	TO220AB/I	600	.200	25	60	25	60	2.50	30	2.00	30.00
T28I	8.0	TO220AB/I	200	.100	80		80		2.50	60	1.70	8.00
T48I	8.0	TO220AB/I	400	.100	80		80		2.50	60	1.70	8.00
T68I	8.0	TO220AB/I	600	.100	80		80		2.50	100	1.70	8.00

10.0 Amps ITrms

1/2" PFI/TO-3 Package (Note 1)												
SC245B4	10.0	1/2PFI/TO3	200	.100	50	50	50		2.50	50	1.65	14.00
SC245D4	10.0	1/2PFI/TO3	400	.100	50	50	50		2.50	50	1.65	14.00
SC245M4	10.0	1/2PFI/TO3	600	.100	50	50	50		2.50	50	1.65	14.00

TRIAC

T-25-01

PART No.	ITrms Amps	PACKAGE	VDRM Volts	IDRM mAmps	IGT				VGT Volts	Ih mAmps	VTM Volts	ITM Amps
					Q1	Q2	Q3	Q4				

10.0 Amps ITrms (Cont'd)

1/2"PF/TO-3 Package												
SC245B5	10.0	1/2PF/TO3	200	.100	50	50	50		2.50	50	1.65	14.00
SC245D5	10.0	1/2PF/TO3	400	.100	50	50	50		2.50	50	1.65	14.00
SC245M5	10.0	1/2PF/TO3	600	.100	50	50	50		2.50	50	1.65	14.00

5/8"SWG Package (Note 1)												
Q2010	10.0	5/8SWG	200	.050	50	50	50	75	2.50	50	1.60	10.00
Q4010	10.0	5/8SWG	400	.050	50	50	50	75	2.50	50	1.60	10.00
Q6010	10.0	5/8SWG	600	.050	50	50	50	75	2.50	50	1.60	10.00

TO-202AB Package												
Q2010F51	10.0	TO202AB	200	.050	50	50	50		2.50	50	1.60	10.00
Q4010F51	10.0	TO202AB	400	.050	50	50	50		2.50	50	1.60	10.00
Q5010F51	10.0	TO202AB	500	.050	50	50	50		2.50	50	1.60	10.00
Q6010F51	10.0	TO202AB	600	.050	50	50	50		2.50	50	1.60	10.00

TO-203 Package												
SC246B	10.0	TO203	200	.100	50	50	50		2.50	50	1.65	14.00
SC246D	10.0	TO203	400	.100	50	50	50		2.50	25	1.65	14.00
SC246M	10.0	TO203	600	.100	50	50	50		2.50	25	1.65	14.00

TO-220AB Package												
BTB10200B	10.0	TO220AB	200	.100	50	50	50	100	2.50	50	1.50	14.00
BTB10400B	10.0	TO220AB	400	.100	50	50	50	100	2.50	50	1.50	14.00
BTB10600B	10.0	TO220AB	600	.100	50	50	50	100	2.50	50	1.50	14.00
BTB10800B	10.0	TO220AB	800	.100	50	50	50	100	2.50	50	1.50	14.00
MAC21010	10.0	TO220AB	800	.010	50	50	50		2.00	50	1.65	14.00
MAC2104	10.0	TO220AB	200	.010	50	50	50		2.00	50	1.65	14.00
MAC2106	10.0	TO220AB	400	.010	50	50	50		2.00	50	1.65	14.00
MAC2108	10.0	TO220AB	600	.010	50	50	50		2.00	50	1.65	14.00
MAC210A10	10.0	TO220AB	800	.010	50	50	50	75	2.00	50	1.65	14.00
MAC210A4	10.0	TO220AB	200	.010	50	50	50	75	2.00	50	1.65	14.00
MAC210A6	10.0	TO220AB	400	.010	50	50	50	75	2.00	50	1.65	14.00
MAC210A8	10.0	TO220AB	600	.010	50	50	50	75	2.00	50	1.65	14.00
MAC3104	10.0	TO220AB	200	.10	5	5	5		2.00	15	2.00	14.00
MAC3106	10.0	TO220AB	400	.10	5	5	5		2.00	15	2.00	14.00
MAC3108	10.0	TO220AB	600	.10	5	5	5		2.00	15	2.00	14.00
MAC310A4	10.0	TO220AB	200	.10	5	5	5	10	2.00	15	2.00	14.00
MAC310A6	10.0	TO220AB	400	.10	5	5	5	10	2.00	15	2.00	14.00
MAC310A8	10.0	TO220AB	600	.10	5	5	5	10	2.00	15	2.00	14.00
Q2010R5	10.0	TO220AB	200	.050	50	50	50		2.50	50	1.60	10.00
Q4010R5	10.0	TO220AB	400	.050	50	50	50		2.50	50	1.60	10.00
Q5010R5	10.0	TO220AB	500	.050	50	50	50		2.50	50	1.60	10.00
Q6010R5	10.0	TO220AB	600	.050	50	50	50		2.50	50	1.60	10.00
SC146B	10.0	TO220AB	200	.100	50	50	50		2.50	50	1.65	14.00
SC146D	10.0	TO220AB	400	.100	50	50	50		2.50	50	1.65	14.00
SC146E	10.0	TO220AB	500	.100	50	50	50		2.50	50	1.65	14.00
SC146M	10.0	TO220AB	600	.100	50	50	50		2.50	50	1.65	14.00

TO-220AB/I Package (Note 1)												
BTA10200C	10.0	TO220AB/I	200	.100	25	25	25	50	2.50	25	1.50	14.00
BTA10400B	10.0	TO220AB/I	400	.100	50	50	50	100	2.50	50	1.50	14.00
BTA10400C	10.0	TO220AB/I	400	.100	25	25	25	50	2.50	25	1.50	14.00
BTA10600C	10.0	TO220AB/I	600	.100	25	25	25	50	2.50	25	1.50	14.00
BTA10800B	10.0	TO220AB/I	800	.100	50	50	50	100	2.50	50	1.50	14.00
BTA10800C	10.0	TO220AB/I	800	.100	25	25	25	50	2.50	25	1.50	14.00
MAC21010FP	10.0	TO220AB/I	800	.010	50	50	50		2.00	50	1.65	14.00
MAC2104FP	10.0	TO220AB/I	200	.010	50	50	50		2.00	50	1.65	14.00
MAC2106FP	10.0	TO220AB/I	400	.010	50	50	50		2.00	50	1.65	14.00
MAC2108FP	10.0	TO220AB/I	600	.010	50	50	50		2.00	50	1.65	14.00
MAC210A10FP	10.0	TO220AB/I	800	.010	50	50	50	75	2.00	50	1.65	14.00
MAC210A4FP	10.0	TO220AB/I	200	.010	50	50	50	75	2.00	50	1.65	14.00
MAC210A6FP	10.0	TO220AB/I	400	.010	50	50	50	75	2.00	50	1.65	14.00
MAC210A8FP	10.0	TO220AB/I	600	.010	50	50	50	75	2.00	50	1.65	14.00
Q2010L4	10.0	TO220AB/I	200	.050	25	25	25		2.50	50	1.60	10.00
Q2010L5	10.0	TO220AB/I	200	.050	50	50	50		2.50	50	1.60	10.00
Q4010L5	10.0	TO220AB/I	400	.050	50	50	50		2.50	50	1.60	10.00
Q5010L5	10.0	TO220AB/I	500	.050	50	50	50		2.50	50	1.60	10.00
Q6010L5	10.0	TO220AB/I	600	.050	50	50	50		2.50	50	1.60	10.00
SC147B	10.0	TO220AB/I	200	.100	50	50	50		2.50	50	1.50	14.00
SC147D	10.0	TO220AB/I	400	.100	50	50	50		2.50	50	1.50	14.00
SC147E	10.0	TO220AB/I	500	.100	50	50	50		2.50	50	1.50	14.00
SC147M	10.0	TO220AB/I	600	.100	50	50	50		2.50	50	1.50	14.00
T210I	10.0	TO220AB/I	200	.100	80		80		2.50	60	1.60	10.00
T410I	10.0	TO220AB/I	400	.100	80		80		2.50	60	1.60	10.00
T610I	10.0	TO220AB/I	600	.100	80		80		2.50	60	1.60	10.00

TRIAC

T-25-01

PART No.	ITrms Amps	PACKAGE	VDRM Volts	IDRM mAmps	IGT				VGT Volts	Ih mAmps	VTM Volts	ITM Amps
					Q1	Q2	Q3	Q4				

10.0 Amps ITrms (Cont'd)

TO-48 Package												
2N5569	10.0	TO48	200	.100	45	80	45	80	2.50	30	1.65	14.00
2N5570	10.0	TO48	400	.100	45	80	45	80	2.50	30	1.65	14.00
SC245B1	10.0	TO48	200	.100	50	50	50		2.50	50	1.65	14.00
SC245D1	10.0	TO48	400	.100	50	50	50		2.50	50	1.65	14.00
SC245M1	10.0	TO48	600	.100	50	50	50		2.50	50	1.65	14.00

12.0 Amps ITrms

TO-220AB Package												
2N6342A	12.0	TO220AB	200	.100	50		50		2.00	40	1.75	17.00
2N6343A	12.0	TO220AB	400	.100	50		50		2.00	40	1.75	17.00
2N6344A	12.0	TO220AB	600	.100	50		50		2.00	40	1.75	17.00
2N6345A	12.0	TO220AB	800	.100	50		50		2.00	40	1.75	17.00
2N6346A	12.0	TO220AB	200	.100	50	75	50	75	2.50	40	1.75	17.00
2N6347A	12.0	TO220AB	400	.100	50	75	50	75	2.50	40	1.75	17.00
2N6348A	12.0	TO220AB	600	.100	50	75	50	75	2.50	40	1.75	17.00
2N6349A	12.0	TO220AB	800	.100	50		50		2.50	40	1.75	17.00
BTB12200B	12.0	TO220AB	200	.010	50	50	50	100	1.50	50	1.50	17.00
BTB12200C	12.0	TO220AB	200	.010	25	25	25	50	1.50	25	1.50	17.00
BTB12400B	12.0	TO220AB	400	.010	50	50	50	100	1.50	50	1.50	17.00
BTB12400C	12.0	TO220AB	400	.010	25	25	25	50	1.50	25	1.50	17.00
BTB12600B	12.0	TO220AB	600	.010	50	50	50	100	1.50	50	1.50	17.00
BTB12600C	12.0	TO220AB	600	.010	25	25	25	50	1.50	25	1.50	17.00
MAC21210	12.0	TO220AB	800	.010	50	50	50		2.00	50	1.75	17.00
MAC21214	12.0	TO220AB	200	.010	50	50	50		2.00	50	1.75	17.00
MAC21216	12.0	TO220AB	400	.010	50	50	50		2.00	50	1.75	17.00
MAC21218	12.0	TO220AB	600	.010	50	50	50		2.00	50	1.75	17.00
MAC2121A10	12.0	TO220AB	800	.010	50	50	50	75	2.00	50	1.75	17.00
MAC2121A4	12.0	TO220AB	200	.010	50	50	50	75	2.00	50	1.75	17.00
MAC2121A6	12.0	TO220AB	400	.010	50	50	50	75	2.00	50	1.75	17.00
MAC2121A8	12.0	TO220AB	600	.010	50	50	50	75	2.00	50	1.75	17.00
Q2012R5	12.0	TO220AB	200	.050	50	50	50		2.50	50	1.60	12.00
Q4012R5	12.0	TO220AB	400	.050	50	50	50		2.50	50	1.60	12.00
Q5012R5	12.0	TO220AB	500	.050	50	50	50		2.50	50	1.60	12.00
Q6012R5	12.0	TO220AB	600	.050	50	50	50		2.50	50	1.60	12.00
SC149B	12.0	TO220AB	200	.100	50	50	50		2.50	50	1.65	17.00
SC149D	12.0	TO220AB	400	.100	50	50	50		2.50	50	1.65	17.00
SC149E	12.0	TO220AB	500	.100	50	50	50		2.50	50	1.65	17.00
SC149M	12.0	TO220AB	600	.100	50	50	50		2.50	50	1.65	17.00
T1210BH	12.0	TO220AB	200	.010	25	25	25	25	2.50	50	1.65	17.00
T1210DH	12.0	TO220AB	400	.010	25	25	25	25	2.50	50	1.65	17.00
T1210MH	12.0	TO220AB	600	.010	25	25	25	25	2.50	50	1.65	17.00
T1210NH	12.0	TO220AB	800	.010	25	25	25	25	2.50	50	1.65	17.00
TIC236B	12.0	TO220AB	200	.100	50	50	50		2.50	50	2.10	17.00
TIC236D	12.0	TO220AB	400	.100	50	50	50		2.50	50	2.10	17.00
TIC236M	12.0	TO220AB	600	.100	50	50	50		2.50	50	2.10	17.00
TIC236N	12.0	TO220AB	800	.100	50	50	50		2.50	50	2.10	17.00

TO-220AB/I Package (Note 1)												
BTA12200B	12.0	TO220AB/I	200	.010	50	50	50	100	1.50	50	1.50	17.00
BTA12200C	12.0	TO220AB/I	200	.010	25	25	25	50	1.50	25	1.50	17.00
BTA12400B	12.0	TO220AB/I	400	.010	50	50	50	100	1.50	50	1.50	17.00
BTA12400C	12.0	TO220AB/I	400	.010	25	25	25	50	1.50	25	1.50	17.00
BTA12600B	12.0	TO220AB/I	600	.010	50	50	50	100	1.50	50	1.50	17.00
BTA12600C	12.0	TO220AB/I	600	.010	25	25	25	50	1.50	25	1.50	17.00
MAC21210FP	12.0	TO220AB/I	800	.010	50	50	50		2.00	50	1.75	17.00
MAC21214FP	12.0	TO220AB/I	200	.010	50	50	50		2.00	50	1.75	17.00
MAC21216FP	12.0	TO220AB/I	400	.010	50	50	50		2.00	50	1.75	17.00
MAC21218FP	12.0	TO220AB/I	600	.010	50	50	50		2.00	50	1.75	17.00
MAC2121A10FP	12.0	TO220AB/I	800	.010	50	50	50	75	2.00	50	1.75	17.00
MAC2121A4FP	12.0	TO220AB/I	200	.010	50	50	50	75	2.00	50	1.75	17.00
MAC2121A6FP	12.0	TO220AB/I	400	.010	50	50	50	75	2.00	50	1.75	17.00
MAC2121A8FP	12.0	TO220AB/I	600	.010	50	50	50	75	2.00	50	1.75	17.00
Q2012L5	12.0	TO220AB/I	200	.050	50	50	50		2.50	50	1.60	12.00
Q4012L5	12.0	TO220AB/I	400	.050	50	50	50		2.50	50	1.60	12.00
Q5012L5	12.0	TO220AB/I	500	.050	50	50	50		2.50	50	1.60	12.00
Q6012L5	12.0	TO220AB/I	600	.050	50	50	50		2.50	50	1.60	12.00

15.0 Amps ITrms

5/8"SWG1/TO3 Packag (Note 1)												
Q2015A	15.0	5/8SWG1TO3	200	.050	50	50	50	75	2.50	70	1.60	15.00

TRIAC

T-25-01

PART No.	ITrms Amps	PACKAGE	VDRM Volts	IDRM mAmps	IGT				VGT Volts	Ih mAmps	VTM Volts	ITM Amps
					Q1	Q2	Q3	Q4				

15.0 Amps ITrms (Cont'd)

5/8"SWG/TO3 Package (Cont'd)												
Q4015A	15.0	5/8SWG/TO3	400	.050	50	50	50	75	2.50	70	1.60	15.00
Q5015A	15.0	5/8SWG/TO3	500	.050	50	50	50	75	2.50	70	1.60	15.00
Q6015A	15.0	5/8SWG/TO3	600	.050	50	50	50	75	2.50	70	1.60	15.00

5/8"SWG/I Package (Note 1)												
Q2015	15.0	5/8SWG/I	200	.050	50	50	50	75	2.50	70	1.60	15.00
Q4015	15.0	5/8SWG/I	400	.050	50	50	50	75	2.50	70	1.60	15.00
Q6015	15.0	5/8SWG/I	600	.050	50	50	50	75	2.50	70	1.60	15.00

SC66PFIS Package (Note 1)												
2N6145	15.0	SC66PFIS	200	.010	50	80	50	80	2.50	75	1.80	21.00
2N6146	15.0	SC66PFIS	400	.010	50	80	50	80	2.50	75	1.80	21.00
2N6147	15.0	SC66PFIS	600	.010	50	80	50	80	2.50	75	1.80	21.00
SC250B2	15.0	SC66PFIS	200	.100	50	50	50		2.50	50	1.65	21.00
SC250D2	15.0	SC66PFIS	400	.100	50	50	50		2.50	50	1.65	21.00
SC250M2	15.0	SC66PFIS	600	.100	50	50	50		2.50	50	1.65	21.00

TO-203 Package												
2N5571	15.0	TO203	200	.010	50	80	50	80	2.50	75	1.80	21.00
2N5572	15.0	TO203	400	.010	50	80	50	80	2.50	75	1.80	21.00
SC251B	15.0	TO203	200	.100	50	50	50		2.50	50	1.65	21.00
SC251D	15.0	TO203	400	.100	50	50	50		2.50	50	1.65	21.00
SC251M	15.0	TO203	600	.100	50	50	50		2.50	50	1.65	21.00

TO-220AB Package												
BTB15200B	15.0	TO220AB	200	.050	50	50	50	100	2.50	50	1.50	21.00
BTB15400B	15.0	TO220AB	400	.050	50	50	50	100	2.50	50	1.50	21.00
BTB15600B	15.0	TO220AB	600	.050	50	50	50	100	2.50	50	1.50	21.00
MAC1510	15.0	TO220AB	800	.010	50	50	50		2.00	40	1.60	21.00
MAC154	15.0	TO220AB	200	.010	50	50	50		2.00	40	1.60	21.00
MAC156	15.0	TO220AB	400	.010	50	50	50		2.00	40	1.60	21.00
MAC158	15.0	TO220AB	600	.010	50	50	50		2.00	40	1.60	21.00
MAC15A10	15.0	TO220AB	800	.010	50	50	50	75	2.00	40	1.60	21.00
MAC15A4	15.0	TO220AB	200	.010	50	50	50	75	2.00	40	1.60	21.00
MAC15A6	15.0	TO220AB	400	.010	50	50	50	75	2.00	40	1.60	21.00
MAC15A8	15.0	TO220AB	600	.010	50	50	50	75	2.00	40	1.60	21.00
Q2015R5	15.0	TO220AB	200	.050	50	50	50		2.50	70	1.60	15.00
Q4015R5	15.0	TO220AB	400	.050	50	50	50		2.50	70	1.60	15.00
Q5015R5	15.0	TO220AB	500	.050	50	50	50		2.50	70	1.60	15.00
Q6015R5	15.0	TO220AB	600	.050	50	50	50		2.50	70	1.60	15.00
Q6015R6	15.0	TO220AB	600	.050	80	80	80		2.50	80	1.60	15.00
SC151B	15.0	TO220AB	200	.100	50	50	50		2.50	50	1.52	21.00
SC151D	15.0	TO220AB	400	.100	50	50	50		2.50	50	1.52	21.00
SC151E	15.0	TO220AB	500	.100	50	50	50		2.50	50	1.52	21.00
SC151M	15.0	TO220AB	600	.100	50	50	50		2.50	50	1.52	21.00
T215	15.0	TO220AB	200	.100	80		80		2.50	50	1.70	15.00
T415	15.0	TO220AB	400	.100	80		80		2.50	60	1.70	15.00
T615	15.0	TO220AB	600	.100	80		80		2.50	80	1.70	15.00

TO-220AB/I Package (Note 1)												
MAC1510AFP	15.0	TO220AB/I	800	.010	50	50	50	75	2.00	40	1.60	21.00
MAC1510FP	15.0	TO220AB/I	800	.010	50	50	50		2.00	40	1.60	21.00
MAC154AFP	15.0	TO220AB/I	200	.010	50	50	50	75	2.00	40	1.60	21.00
MAC154FP	15.0	TO220AB/I	200	.010	50	50	50		2.00	40	1.60	21.00
MAC156AFP	15.0	TO220AB/I	400	.010	50	50	50	75	2.00	40	1.60	21.00
MAC156FP	15.0	TO220AB/I	400	.010	50	50	50		2.00	40	1.60	21.00
MAC158AFP	15.0	TO220AB/I	600	.010	50	50	50	75	2.00	40	1.60	21.00
MAC158FP	15.0	TO220AB/I	600	.010	50	50	50		2.00	40	1.60	21.00
Q2015L5	15.0	TO220AB/I	200	.050	50	50	50		2.50	70	1.60	15.00
Q4015L4	15.0	TO220AB/I	400	.050	25	25	25		2.50	50	1.60	15.00
Q4015L5	15.0	TO220AB/I	400	.050	50	50	50		2.50	70	1.60	15.00
Q2015L9ALT	15.0	TO220AB/I	200	.050	125	125	125		2.50	70	1.60	15.00
Q4015L9ALT	15.0	TO220AB/I	400	.050	125	125	125		2.50	70	1.60	15.00
Q6015L9ALT	15.0	TO220AB/I	600	.050	125	125	125		2.50	70	1.60	15.00
Q5015L5	15.0	TO220AB/I	500	.050	50	50	50		2.50	70	1.60	15.00
Q6015L5	15.0	TO220AB/I	600	.050	50	50	50		2.50	70	1.60	15.00
Q8015L5	15.0	TO220AB/I	800	.100	50	50	50		2.50	70	1.60	15.00
SC150B	15.0	TO220AB/I	200	.050	50	50	50		2.50	50	1.50	21.00
SC150D	15.0	TO220AB/I	400	.050	50	50	50		2.50	50	1.50	21.00
SC150M	15.0	TO220AB/I	600	.050	50	50	50		2.50	50	1.50	21.00
T1512BJ	15.0	TO220AB/I	200	.100	50	50	50	50	2.50	100	1.40	30.00
T1512DJ	15.0	TO220AB/I	400	.100	50	50	50	50	2.50	100	1.40	30.00
T1512NJ	15.0	TO220AB/I	800	.100	50	50	50	50	2.50	100	1.40	30.00
T215I	15.0	TO220AB/I	200	.100	80		80		2.50	80	1.70	15.00

TRIAC

T-25-01

PART No.	ITrms Amps	PACKAGE	VDRM Volts	IDRM mAmps	IGT				VGT Volts	Ih mAmps	VTM Volts	ITM Amps
					Q1	Q2	Q3	Q4				

15.0 Amps ITrms (Cont'd)

TO-220AB/I Package (Cont'd)												
T415I	15.0	TO220AB/I	400	.100	80		80		2.50	60	1.70	15.00
T615I	15.0	TO220AB/I	600	.100	80		80		2.50	80	1.70	15.00
T815I	15.0	TO220AB/I	800	.100	80		80		2.50	80	1.70	15.00

TO-48 Package

2N5573	15.0	TO48	200	.100	50	80	50	80	2.50	75	1.80	21.00
2N5574	15.0	TO48	400	.100	50	80	50	80	2.50	75	1.80	21.00
SC250BT	15.0	TO48	200	.100	50	50	50		2.50	50	1.65	21.00
SC250D1	15.0	TO48	400	.100	50	50	50		2.50	50	1.65	21.00
T4110B	15.0	TO48	200	.050	50	80	50	80	2.50	75	1.80	21.00
T4110D	15.0	TO48	400	.050	50	80	50	80	2.50	75	1.80	21.00
T4110M	15.0	TO48	600	.050	50	80	50	80	2.50	75	1.80	21.00

16.0 Amps ITrms

TO-220AB Package												
BTB16200B	16.0	TO220AB	200	.050	50	50	50	100	2.50	50	1.60	22.50
BTB16400B	16.0	TO220AB	400	.050	50	50	50	100	2.50	50	1.60	22.50
BTB16600B	16.0	TO220AB	600	.050	50	50	50	100	2.50	50	1.60	22.50
T1612BH	16.0	TO220AB	200	.100	50	50	50	50	2.50	100	1.55	22.00
T1612DH	16.0	TO220AB	400	.100	50	50	50	50	2.50	100	1.55	22.00
T1612MH	16.0	TO220AB	600	.100	50	50	50	50	2.50	100	1.55	22.00
T1612NH	16.0	TO220AB	800	.100	50	50	50	50	2.50	100	1.55	22.00
TIC246B	16.0	TO220AB	200	.100	50	50	50		2.50	50	1.70	22.00
TIC246D	16.0	TO220AB	400	.100	50	50	50		2.50	50	1.70	22.00
TIC246M	16.0	TO220AB	600	.100	50	50	50		2.50	50	1.70	22.00

TO-220AB/I Package (Note 1)

BTA16200B	16.0	TO220AB/I	200	.100	50	50	50	100	2.50	50	1.60	22.50
BTA16200C	16.0	TO220AB/I	200	.100	25	25	25	50	2.50	50	1.60	22.50
BTA16400B	16.0	TO220AB/I	400	.100	50	50	50	100	2.50	50	1.60	22.50
BTA16400C	16.0	TO220AB/I	400	.100	25	25	25	50	2.50	50	1.60	22.50
BTA16600B	16.0	TO220AB/I	600	.100	50	50	50	100	2.50	50	1.60	22.50
BTA16600C	16.0	TO220AB/I	600	.100	25	25	25	50	2.50	50	1.60	22.50
BTA16800B	16.0	TO220AB/I	800	.100	50	50	50	100	2.50	50	1.60	22.50
BTA16800C	16.0	TO220AB/I	800	.100	25	25	25	50	2.50	50	1.60	22.50

20.0 Amps ITrms

TO-218AA Package												
TIC253B	20.0	TO218AA	200	.100	50	50	50		2.50	50	1.70	28.00
TIC253D	20.0	TO218AA	400	.100	50	50	50		2.50	50	1.70	28.00
TIC253M	20.0	TO218AA	600	.100	50	50	50		2.50	50	1.70	28.00

TO-220AB Package

MAC32010	20.0	TO220AB	800	.010	50	50	50		2.00	15	2.00	28.00
MAC3204	20.0	TO220AB	200	.010	50	50	50		2.00	15	2.00	28.00
MAC3206	20.0	TO220AB	400	.010	50	50	50		2.00	15	2.00	28.00
MAC3208	20.0	TO220AB	600	.010	50	50	50		2.00	15	2.00	28.00
MAC320A10	20.0	TO220AB	800	.010	50	50	50	75	2.00	15	2.00	28.00
MAC320A4	20.0	TO220AB	200	.010	50	50	50	75	2.00	15	2.00	28.00
MAC320A6	20.0	TO220AB	400	.010	50	50	50	75	2.00	15	2.00	28.00
MAC320A8	20.0	TO220AB	600	.010	50	50	50	75	2.00	15	2.00	28.00

TO-220AB/I Package (Note 1)

MAC32010FP	20.0	TO220AB/I	800	.010	50	50	50		2.00	15	2.00	28.00
MAC3204FP	20.0	TO220AB/I	200	.010	50	50	50		2.00	15	2.00	28.00
MAC3206FP	20.0	TO220AB/I	400	.010	50	50	50		2.00	15	2.00	28.00
MAC3208FP	20.0	TO220AB/I	600	.010	50	50	50		2.00	15	2.00	28.00
MAC320A10FP	20.0	TO220AB/I	800	.010	50	50	50	75	2.00	15	2.00	28.00
MAC320A4FP	20.0	TO220AB/I	200	.010	50	50	50	75	2.00	15	2.00	28.00
MAC320A6FP	20.0	TO220AB/I	400	.010	50	50	50	75	2.00	15	2.00	28.00
MAC320A8FP	20.0	TO220AB/I	600	.010	50	50	50	75	2.00	15	2.00	28.00

25.0 Amps ITrms

3/4" HEX STUD/I Package (Note 1)												
Q4025V5	25.0	3/4" HEXST/I	400	.100	50	50	50		2.50	70	1.80	25.00
Q4025V6	25.0	3/4" HEXST/I	400	.100	80	80	80		2.50	80	1.80	25.00

TRIAC

T-25-01

IGT

PART No.	ITrms Amps	PACKAGE	VDRM Volts	IDRM mAmps	Q1	Q2	Q3	Q4	VGT Volts	Ih mAmps	VTM Volts	ITM Amps
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25.0 Amps ITrms (Cont'd)

3/4"SWG/TO3 Package (Note 1)												
Q2025Z6	25.0	3/4SWG/TO3	200	.100	80	80	80		2.50	80	1.80	25.00
Q4025Z6	25.0	3/4SWG/TO3	400	.100	80	80	80		2.50	80	1.80	25.00
Q5025Z6	25.0	3/4SWG/TO3	500	.100	80	80	80		2.50	80	1.80	25.00
Q6025Z6	25.0	3/4SWG/TO3	600	.100	80	80	80		2.50	80	1.80	25.00

3/4"SWG/I Package (Note 1)												
Q2025Y6	25.0	3/4SWG/I	200	.100	80	80	80		2.50	80	1.80	25.00
Q4025Y6	25.0	3/4SWG/I	400	.100	80	80	80		2.50	80	1.80	25.00
Q6025Y6	25.0	3/4SWG/I	600	.100	80	80	80		2.50	80	1.80	25.00

RD100IFP Package												
SC160B	25.0	RD100IFP	200	.050	50	50	50		2.50	50	1.58	35.00
SC160C	25.0	RD100IFP	300	.050	50	50	50		2.50	50	1.58	35.00
SC160D	25.0	RD100IFP	400	.050	50	50	50		2.50	50	1.58	35.00
SC160M	25.0	RD100IFP	600	.050	50	50	50		2.50	50	1.58	35.00
SC160N	25.0	RD100IFP	800	.050	50	50	50		2.50	50	1.60	35.00
T225IFP	25.0	RD100IFP	200	.050	80		80		2.50	75	1.70	25.00
T425IFP	25.0	RD100IFP	400	.050	80		80		2.50	75	1.70	25.00
T625IFP	25.0	RD100IFP	600	.050	80		80		2.50	75	1.70	25.00

RD101IFP Package (Note 1)												
Q2025P	25.0	RD101IFP	200	.100	80	80	80		2.50	80	1.80	25.00
Q4025P	25.0	RD101IFP	400	.100	80	80	80		2.50	80	1.80	25.00
Q5025P	25.0	RD101IFP	500	.100	80	80	80		2.50	80	1.80	25.00
Q6025P	25.0	RD101IFP	600	.100	80	80	80		2.50	80	1.80	25.00
Q8025P	25.0	RD101IFP	800	.100	80	80	80		2.50	80	1.80	25.00

RD91IFP Package												
TODV225ALT	25.0	RD91IFP	200	.050	150	150	150			50	1.80	35.00
TODV425ALT	25.0	RD91IFP	400	.050	150	150	150			50	1.80	35.00
TODV625ALT	25.0	RD91IFP	600	.050	150	150	150			50	1.80	35.00
TODV825ALT	25.0	RD91IFP	800	.050	150	150	150			50	1.80	35.00

SC66PFIS Package (Note 1)												
SC260B2	25.0	SC66PFIS	200	.200	50	50	50		2.50	75	1.58	35.00
SC260C2	25.0	SC66PFIS	300	.200	50	50	50		2.50	75	1.58	35.00
SC260D2	25.0	SC66PFIS	400	.200	50	50	50		2.50	75	1.58	35.00
SC260M2	25.0	SC66PFIS	600	.200	50	50	50		2.50	75	1.58	35.00

TO203/F Package												
Q2025G	25.0	TO203/F	200	.100	80	80	80		2.50	80	1.80	25.00
Q4025G	25.0	TO203/F	400	.100	80	80	80		2.50	80	1.80	25.00
Q6025G	25.0	TO203/F	600	.100	80	80	80		2.50	80	1.80	25.00
SC261B	25.0	TO203/F	200	.200	50	50	50		2.50	75	1.58	35.00
SC261D	25.0	TO203/F	400	.200	50	50	50		2.50	75	1.58	35.00
SC261M	25.0	TO203/F	600	.200	50	50	50		2.50	75	1.58	35.00

TO-218AC Package												
TIC263B	25.0	TO218AC	200	.100	50	50	50		2.50	50	1.70	35.00
TIC263D	25.0	TO218AC	400	.100	50	50	50		2.50	50	1.70	35.00
TIC263M	25.0	TO218AC	600	.100	50	50	50		2.50	50	1.70	35.00

TO-218AC/I Package (Note 1)												
BTA26200A	25.0	TO218AC/I	200	.100	100	100	100	150	2.50	100	1.70	35.00
BTA26200B	25.0	TO218AC/I	200	.600	50	50	50	100	1.50	80	1.70	35.00
BTA26400A	25.0	TO218AC/I	400	.100	100	100	100	150	2.50	100	1.70	35.00
BTA26400B	25.0	TO218AC/I	400	.600	50	50	50	100	1.50	80	1.70	35.00
BTA26600A	25.0	TO218AC/I	600	.100	100	100	100	150	2.50	100	1.70	35.00
BTA26600B	25.0	TO218AC/I	600	.600	50	50	50	100	1.50	80	1.70	35.00
BTA26700A	25.0	TO218AC/I	700	.100	100	100	100	150	2.50	100	1.70	35.00
Q2025K6	25.0	TO218AC/I	200	.100	80	80	80		2.50	80	1.80	25.00
Q4025K6	25.0	TO218AC/I	400	.100	80	80	80		2.50	80	1.80	25.00
Q6025K6	25.0	TO218AC/I	600	.100	80	80	80		2.50	80	1.80	25.00
TPDV225ALT	25.0	TO218AC/I	200	.050	150	150	150		2.50	50	1.80	35.00
TPDV425ALT	25.0	TO218AC/I	400	.050	150	150	150		2.50	50	1.80	35.00
TPDV625ALT	25.0	TO218AC/I	600	.050	150	150	150		2.50	50	1.80	35.00

TO-218X Package												
Q4025W6	25.0	TO218X	400	.100	80	80	80		2.50	80	1.80	25.00
Q5025W6	25.0	TO218X	500	.100	80	80	80		2.50	80	1.80	25.00
Q6025W6	25.0	TO218X	600	.100	80	80	80		2.50	80	1.80	25.00

TRIAC

T-25-01

PART No.	ITrms Amps	PACKAGE	VDRM Volts	IDRM mAmps	IGT				VGT Volts	Ih mAmps	VTM Volts	ITM Amps
					Q1	Q2	Q3	Q4				

25.0 Amps ITrms (Cont'd)

TO-218X/I Package (Note 1)												
Q2025J6	25.0	TO218X/I	200	.100	80	80	80		2.50	80	1.80	25.00
Q4025J6	25.0	TO218X/I	400	.100	80	80	80		2.50	80	1.80	25.00
Q5025J6	25.0	TO218X/I	500	.100	80	80	80		2.50	80	1.80	25.00
Q6025J6	25.0	TO218X/I	600	.100	80	80	80		2.50	80	1.80	25.00

TO-220AB Package												
BTB24200B	25.0	TO220AB	200	.010	50	50	50	100	2.50	50	1.80	35.00
BTB24400B	25.0	TO220AB	400	.010	50	50	50	100	2.50	50	1.80	35.00
BTB24600B	25.0	TO220AB	600	.010	50	50	50	100	2.50	50	1.80	35.00
BTB24700B	25.0	TO220AB	700	.010	50	50	50	100	2.50	50	1.80	35.00
MAC22310	25.0	TO220AB	800	.010	50	50	50		2.50	50	1.85	35.00
MAC2234	25.0	TO220AB	200	.010	50	50	50		2.50	50	1.85	35.00
MAC2236	25.0	TO220AB	400	.010	50	50	50		2.50	50	1.85	35.00
MAC2238	25.0	TO220AB	600	.010	50	50	50		2.50	50	1.85	35.00
MAC223A10	25.0	TO220AB	800	.010	50	50	50	75	2.50	50	1.85	35.00
MAC223A4	25.0	TO220AB	200	.010	50	50	50	75	2.50	50	1.85	35.00
MAC223A6	25.0	TO220AB	400	.010	50	50	50	75	2.50	50	1.85	35.00
MAC223A8	25.0	TO220AB	600	.010	50	50	50	75	2.50	50	1.85	35.00
MAC301025	25.0	TO220AB	250	.010	40		40		2.00	40	1.85	35.00
MAC302025	25.0	TO220AB	400	.010	40		40		2.00	40	1.85	35.00
Q2025R6	25.0	TO220AB	200	.100	80	80	80		2.50	80	1.80	25.00
Q4025R6	25.0	TO220AB	400	.100	80	80	80		2.50	80	1.80	25.00
Q5025R6	25.0	TO220AB	500	.100	80	80	80		2.50	80	1.80	25.00
Q6025R6	25.0	TO220AB	600	.100	80	80	80		2.50	80	1.80	25.00
SC129B	25.0	TO220AB	200	.100	50	50	50		2.50	75	1.60	25.00
SC129D	25.0	TO220AB	400	.100	50	50	50		2.50	75	1.60	25.00
SC129E	25.0	TO220AB	500	.100	50	50	50		2.50	75	1.60	25.00
SC129M	25.0	TO220AB	600	.100	50	50	50		2.50	75	1.60	25.00
T225	25.0	TO220AB	200	.100	80		80		2.50	75	1.60	25.00
T2512BH	25.0	TO220AB	200	.100	50	50	50	50	2.50	100	1.40	30.00
T2512DH	25.0	TO220AB	400	.100	50	50	50	50	2.50	100	1.40	30.00
T2512MH	25.0	TO220AB	600	.100	50	50	50	50	2.50	100	1.40	30.00
T2512NH	25.0	TO220AB	800	.100	50	50	50	50	2.50	100	1.40	30.00
T425	25.0	TO220AB	400	.100	80		80		2.50	75	1.70	25.00
T625	25.0	TO220AB	600	.100	80		80		2.50	75	1.70	25.00

TO-220AB/I Package (Note 1)												
MAC22310FP	25.0	TO220AB/I	800	.010	50	50	50		2.50	50	1.85	35.00
MAC2234FP	25.0	TO220AB/I	200	.010	50	50	50		2.50	50	1.85	35.00
MAC2236FP	25.0	TO220AB/I	400	.010	50	50	50		2.50	50	1.85	35.00
MAC2238FP	25.0	TO220AB/I	600	.010	50	50	50		2.50	50	1.85	35.00
MAC223A10FP	25.0	TO220AB/I	800	.010	50	50	50	75	2.50	50	1.85	35.00
MAC223A4FP	25.0	TO220AB/I	200	.010	50	50	50	75	2.50	50	1.85	35.00
MAC223A6FP	25.0	TO220AB/I	400	.010	50	50	50	75	2.50	50	1.85	35.00
MAC223A8FP	25.0	TO220AB/I	600	.010	50	50	50	75	2.50	50	1.85	35.00
Q2025L5	25.0	TO220AB/I	200	.100	50	50	50		2.50	80	1.80	25.00
Q2025L6	25.0	TO220AB/I	200	.100	80	80	80		2.50	80	1.80	25.00
Q4025L5	25.0	TO220AB/I	400	.100	50	50	50		2.50	80	1.80	25.00
Q4025L6	25.0	TO220AB/I	400	.100	80	80	80		2.50	80	1.60	25.00
Q5025L5	25.0	TO220AB/I	500	.100	50	50	50		2.50	80	1.80	25.00
Q6025L5	25.0	TO220AB/I	600	.100	50	50	50		2.50	80	1.80	25.00
Q6025L6	25.0	TO220AB/I	600	.100	80	80	80		2.50	80	1.80	25.00
Q2025L9ALT	25.0	TO220AB/I	200	.050	125	125	125		2.50	80	1.80	25.00
Q4025L9ALT	25.0	TO220AB/I	400	.050	125	125	125		2.50	80	1.80	25.00
Q6025L9ALT	25.0	TO220AB/I	600	.050	125	125	125		2.50	80	1.80	25.00
T225I	25.0	TO220AB/I	200	.100	80		80		2.50	75	1.70	25.00
T425I	25.0	TO220AB/I	400	.100	80		80		2.50	75	1.70	25.00
T625I	25.0	TO220AB/I	600	.100	80		80		2.50	75	1.70	25.00

TO-48 Package												
T6411B	25.0	TO48	200	.050	80	80	80	150	2.50	75	2.50	100.0
T6411D	25.0	TO48	400	.050	80	80	80	150	2.50	75	2.50	100.0
T6411M	25.0	TO48	600	.050	80	80	80	150	2.50	75	2.50	100.0

TO-48/F Package												
SC260B1	25.0	TO48/F	200	.200	50	50	50		2.50	75	1.58	35.00
SC260D1	25.0	TO48/F	400	.200	50	50	50		2.50	75	1.58	35.00
SC260E1	25.0	TO48/F	500	.200	50	50	50		2.50	75	1.58	35.00
SC260M1	25.0	TO48/F	600	.200	50	50	50		2.50	75	1.58	35.00
TRAL1125D	25.0	TO48/F	200	.100	100	100	100	150	2.50	100	2.00	35.00
TRAL2225D	25.0	TO48/F	400	.100	100	100	100	150	2.50	100	2.00	35.00
TRAL3325D	25.0	TO48/F	600	.100	100	100	100	150	2.50	100	2.00	35.00
TRAL3825D	25.0	TO48/F	800	.100	100	100	100	150	2.50	100	2.00	35.00

TRIAC

IGT

PART No.	ITrms Amps	PACKAGE	VDRM Volts	IDRM mAmps	Q1	Q2	Q3	Q4	VGT Volts	Ih mAmps	VTM Volts	ITM Amps
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30.0 Amps ITrms

T-25-01

SC66PFIS Package (Note 1)												
2N6163	30.0	SC66PFIS	200	.010	60	70	70	100	2.10	80	2.00	42.00
2N6164	30.0	SC66PFIS	400	.010	60	70	70	100	2.10	80	2.00	42.00
2N6165	30.0	SC66PFIS	600	.010	60	70	70	100	2.10	80	2.00	42.00
TO-203 Package												
2N6157	30.0	TO203	200	.010	60	70	70	100	2.50	80	2.00	42.00
2N6158	30.0	TO203	400	.010	60	70	70	100	2.10	80	2.00	42.00
2N6159	30.0	TO203	600	.010	60	70	70	100	2.10	80	2.00	42.00
T6410B	30.0	TO203	200	.100	50	80	50	80	2.50	60	2.50	100.0
T6410D	30.0	TO203	400	.100	50	80	50	80	2.50	60	2.50	100.0
T6410M	30.0	TO203	600	.100	50	80	50	80	2.50	60	2.50	100.0
TO-203/F Package												
T6401B	30.0	TO203/F	200	.100	50	80	50	80	2.50	100	2.50	100.0
T6401D	30.0	TO203/F	400	.100	50	80	50	80	2.50	100	2.50	100.0
T6401M	30.0	TO203/F	600	.100	50	80	50	80	2.50	60	2.50	100.0
TO-48/F Package												
2N6160	30.0	TO48/F	200	.010	60	70	70	100	2.10	80	2.00	42.00
2N6161	30.0	TO48/F	400	.010	60	70	70	100	2.10	80	2.00	42.00
2N6162	30.0	TO48/F	600	.010	60	70	70	100	2.10	80	2.00	42.00
T6411B	30.0	TO48/F	200	.010	50	80	50	80	2.50	60	2.50	100.0
T6411D	30.0	TO48/F	400	.010	50	80	50	80	2.50	60	2.50	100.0
T6411M	30.0	TO48/F	600	.010	50	80	50	80	2.50	60	2.50	100.0

35.0 Amps ITrms

TO-48/F Package												
TRAL1135D	35.0	TO48/F	200	.100	100	150	100	150	2.50	100	2.00	53.00
TRAL2235D	35.0	TO48/F	400	.100	100	150	100	150	2.50	100	2.00	53.00
TRAL3335D	35.0	TO48/F	600	.100	100	150	100	150	2.50	100	2.00	53.00
TRAL3835D	35.0	TO48/F	800	.100	100	150	100	150	2.50	100	2.00	53.00

40.0 Amps ITrms

3/4" PFI Package (note 1)												
Q2040	40.0	3/4PFI	200	.200	100	100	100		2.50	100	1.80	40.00
Q4040	40.0	3/4PFI	400	.200	100	100	100		2.50	100	1.80	40.00
Q6040	40.0	3/4PFI	600	.200	100	100	100		2.50	100	1.80	40.00
3/4" PFSI Package (Note 1)												
Q2040D	40.0	3/4PFSI	200	.200	100	100	100		2.50	100	1.80	40.00
Q4040D	40.0	3/4PFSI	400	.200	100	100	100		2.50	100	1.80	40.00
Q6040D	40.0	3/4PFSI	600	.200	100	100	100		2.50	100	1.80	40.00
3/4" PFI/TO3 Package (Note 1)												
Q2040C	40.0	3/4PFI/TO3	200	.200	100	100	100		2.50	100	1.80	40.00
Q4040C	40.0	3/4PFI/TO3	400	.200	100	100	100		2.50	100	1.80	40.00
Q6040C	40.0	3/4PFI/TO3	600	.200	100	100	100		2.50	100	1.80	40.00
RD91IFP Package (Note 1)												
BTA40200B	40.0	RD91IFP	200	6.00	50	50	50	100	1.50	80	1.80	60.00
BTA40400B	40.0	RD91IFP	400	6.00	50	50	50	100	1.50	80	1.80	60.00
BTA40600B	40.0	RD91IFP	600	6.00	50	50	50	100	1.50	80	1.80	60.00
BTA40800B	40.0	RD91IFP	800	6.00	50	50	50	100	1.50	80	1.80	60.00
RD101IFP Package (Note 1)												
Q2040P	40.0	RD101IFP	200	.200	100	100	100		2.50	100	1.80	40.00
Q4040P	40.0	RD101IFP	400	.200	100	100	100		2.50	100	1.80	40.00
Q5040P	40.0	RD101IFP	500	.200	100	100	100		2.50	100	1.80	40.00
Q6040P	40.0	RD101IFP	600	.200	100	100	100		2.50	100	1.80	40.00
SC66PFIS Package (Note 1)												
MAC3020401	40.0	SC66PFIS	400	.010	40		40		2.00	40	1.85	56.00
SC265B2	40.0	SC66PFIS	200	.200	80	80	80		2.50	75	1.38	56.00
SC265D2	40.0	SC66PFIS	400	.200	80	80	80		2.50	75	1.38	56.00
SC265E2	40.0	SC66PFIS	500	.200	80	80	80		2.50	75	1.38	56.00
SC265M2	40.0	SC66PFIS	600	.200	80	80	80		2.50	75	1.38	56.00
T6420B	40.0	SC66PFIS	200	.100	50	80	50	80	2.50	60	2.00	100.0
T6420D	40.0	SC66PFIS	400	.100	50	80	50	80	2.50	60	2.00	100.0
T6420M	40.0	SC66PFIS	600	.100	50	80	50	80	2.50	60	2.00	100.0

TRIAC

IGT

PART No.	ITrms Amps	PACKAGE	VDRM Volts	IDRM mAmps	Q1	Q2	Q3	Q4	VGT Volts	Ih mAmps	VTM Volts	ITM Amps
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40.0 Amps ITrms (Cont'd)

T-25-01

SC66PFI/TO3		(NOTE 1)										
SC265B4	40.0	SC66/TO3	200	.200	50	50	50		2.50	75	1.38	56.00
SC265D4	40.0	SC66/TO3	400	.200	50	50	50		2.50	75	1.38	56.00
SC265M4	40.0	SC66/TO3	600	.200	50	50	50		2.50	75	1.38	56.00

TO-203/F Package												
2N5441	40.0	TO203/F	200	.100	50	80	50	80	2.50	60	2.00	56.00
2N5442	40.0	TO203/F	400	.100	50	80	50	80	2.50	60	2.00	100.0
2N5443	40.0	TO203/F	600	.100	50	80	50	80	2.50	60	2.00	100.0
SC266B	40.0	TO203/F	200	.200	80	80	80		2.50	75	1.38	56.00
SC266D	40.0	TO203/F	400	.200	80	80	80		2.50	75	1.38	56.00
SC266M	40.0	TO203/F	600	.200	80	80	80		2.50	75	1.38	56.00

TO-218AC/I Package (Note 1)												
BTA41200A	40.0	TO218AC/I	200	.050	100	100	100	150	2.50	100	1.80	60.00
BTA41200B	40.0	TO218AC/I	200	.050	50	50	50	100	2.50	80	1.80	60.00
BTA41400A	40.0	TO218AC/I	400	.050	100	100	100	150	2.50	100	1.80	60.00
BTA41400B	40.0	TO218AC/I	400	.050	50	50	50	100	2.50	80	1.80	60.00
BTA41600A	40.0	TO218AC/I	600	.050	100	100	100	150	2.50	100	1.80	60.00
BTA41600B	40.0	TO218AC/I	600	.050	50	50	50	100	2.50	80	1.80	60.00
BTA41700A	40.0	TO218AC/I	700	.050	100	100	100	150	2.50	100	1.80	60.00
BTA41700B	40.0	TO218AC/I	700	.100	50	50	50	100	2.50	80	1.80	60.00
Q2040K7	40.0	TO218AC/I	200	.200	100	100	100		2.50	100	1.80	40.00
Q2040K9ALT	40.0	TO218AC/I	200	.200	125	125	125		2.50	100	1.80	40.00
Q4040K7	40.0	TO218AC/I	400	.200	100	100	100		2.50	100	1.80	40.00
Q4040K9ALT	40.0	TO218AC/I	400	.200	125	125	125		2.50	100	1.80	40.00
Q6040K7	40.0	TO218AC/I	600	.200	100	100	100		2.50	100	1.80	40.00
Q6040K9ALT	40.0	TO218AC/I	600	.200	125	125	125		2.50	100	1.80	40.00
TPDV240ALT	40.0	TO218AC/I	200	.050	200	200	200		2.50	50	1.80	60.00
TPDV440ALT	40.0	TO218AC/I	400	.050	200	200	200		2.50	50	1.80	60.00
TPDV640ALT	40.0	TO218AC/I	600	.050	200	200	200		2.50	50	1.80	60.00
TPDV840ALT	40.0	TO218AC/I	600	.050	200	200	200		2.50	50	1.80	60.00

TO-218X Package												
Q2040W9ALT	40.0	TO218X	200	.200	125	125	125		2.50	100	1.80	40.00
Q4040W9ALT	40.0	TO218X	400	.200	125	125	125		2.50	100	1.80	40.00
Q5040W9ALT	40.0	TO218X	500	.200	125	125	125		2.50	100	1.80	40.00
Q6040W9ALT	40.0	TO218X	600	.200	125	125	125		2.50	100	1.80	40.00

TO-218X/I Package (Note 1)												
Q2040J7	40.0	TO218X/I	200	.200	100	100	100		2.50	100	1.80	40.00
Q2040J9ALT	40.0	TO218X/I	200	.200	125	125	125		2.50	100	1.80	40.00
Q4040J7	40.0	TO218X/I	400	.200	100	100	100		2.50	100	1.80	40.00
Q4040J9ALT	40.0	TO218X/I	400	.200	125	125	125		2.50	100	1.80	40.00
Q6040J7	40.0	TO218X/I	600	.200	100	100	100		2.50	100	1.80	40.00
Q5040J9ALT	40.0	TO218X/I	500	.200	125	125	125		2.50	100	1.80	40.00
Q6040J9ALT	40.0	TO218X/I	600	.200	125	125	125		2.50	100	1.80	40.00

TO-48/F Package												
2N5444	40.0	TO48/F	200	.010	70	70	70	100	2.00	70	1.85	56.00
2N5445	40.0	TO48/F	400	.010	70	70	70	100	2.00	70	1.85	56.00
2N5446	40.0	TO48/F	600	.010	70	70	70	100	2.00	70	1.85	56.00
SC265B1	40.0	TO48/F	200	.200	80	80	80		2.50	75	1.38	56.00
SC265D1	40.0	TO48/F	400	.200	80	80	80		2.50	75	1.38	56.00
SC265E1	40.0	TO48/F	500	.200	80	80	80		2.50	75	1.38	56.00
SC265M1	40.0	TO48/F	600	.200	80	80	80		2.50	75	1.38	56.00

45.0 Amps ITrms

TO-218AC Package												
BTB41200A	45.0	TO218AC	200	.050	100	100	100	150	2.50	100	1.80	60.00
BTB41200B	45.0	TO218AC	200	.050	50	50	50	100	2.50	80	1.80	60.00
BTB41400A	45.0	TO218AC	400	.050	100	100	100	150	2.50	100	1.80	60.00
BTB41400B	45.0	TO218AC	400	.050	50	50	50	100	2.50	80	1.80	60.00
BTB41600A	45.0	TO218AC	600	.050	100	100	100	150	2.50	100	1.80	60.00
BTB41600B	45.0	TO218AC	600	.050	50	50	50	100	2.50	80	1.80	60.00
BTB41700A	45.0	TO218AC	700	.050	100	100	100	150	2.50	100	1.80	60.00
BTB41700B	45.0	TO218AC	700	.100	50	50	50	100	2.50	80	1.80	60.00