

SCR

T-25-01

PART No.	ITrms Amps	PACKAGE	ITavg Amps	VDRM Volts	IDRM mAmps	IGT MAX mAmps	IGT MIN mAmps	VGT Volts	Ih mAmps	VTM Volts	ITM Amps
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0.8 Amps ITrms

T-25-01

TO-92 Package											
2N5060	.8	TO92	0.5	30	.001	.20		.8	5	1.70	.8
2N5061	.8	TO92	0.5	50	.001	.20		.8	5	1.70	.8
2N5061	.8	TO92	0.5	60	.001	.20		.8	5	1.70	.8
2N5062	.8	TO92	0.5	100	.001	.20		.8	5	1.70	.8
2N5063	.8	TO92	0.5	150	.001	.20		.8	5	1.70	.8
2N5064	.8	TO92	0.5	200	.001	.20		.8	5	1.70	.8
2N6564	.8	TO92	0.5	300	.001	.20		.8	5	1.70	.8
2N6565	.8	TO92	0.5	400	.001	.20		.8	5	1.70	.8
C203A	.8	TO92	0.5	100	.001	.20		.8	5	1.50	1.0
C203B	.8	TO92	0.5	200	.001	.20		.8	5	1.50	1.0
C203D	.8	TO92	0.5	400	.001	.20		.8	5	1.50	1.0
C203F	.8	TO92	0.5	50	.001	.20		.8	5	1.50	1.0
EC103A	.8	TO92	0.5	100	.001	.20		.8	5	1.70	.8
EC103A1	.8	TO92	0.5	100	.001	.012		.8	5	1.70	.8
EC103A2	.8	TO92	0.5	100	.001	.05		.8	5	1.70	.8
EC103A3	.8	TO92	0.5	100	.001	.50		.8	8	1.70	.8
EC103B	.8	TO92	0.5	200	.001	.20		.8	5	1.70	.8
EC103B1	.8	TO92	0.5	200	.001	.012		.8	5	1.70	.8
EC103B2	.8	TO92	0.5	200	.001	.05		.8	5	1.70	.8
EC103B3	.8	TO92	0.5	200	.001	.50		.8	8	1.70	.8
EC103C	.8	TO92	0.5	300	.001	.20		.8	5	1.70	.8
EC103C1	.8	TO92	0.5	300	.001	.012		.8	5	1.70	.8
EC103C2	.8	TO92	0.5	300	.001	.05		.8	5	1.70	.8
EC103C3	.8	TO92	0.5	300	.001	.50		.8	8	1.70	.8
EC103D	.8	TO92	0.5	400	.001	.20		.8	5	1.70	.8
EC103D1	.8	TO92	0.5	400	.001	.01		.8	5	1.70	.8
EC103D2	.8	TO92	0.5	400	.001	.05		.8	5	1.70	.8
EC103D3	.8	TO92	0.5	400	.001	.50		.8	8	1.70	.8
EC103E	.8	TO92	0.5	500	.001	.20		.8	5	1.70	.8
EC103E1	.8	TO92	0.5	500	.001	.01		.8	5	1.70	.8
EC103E2	.8	TO92	0.5	500	.001	.05		.8	5	1.70	.8
EC103E3	.8	TO92	0.5	500	.001	.50		.8	8	1.70	.8
EC103M	.8	TO92	0.5	600	.001	.20		.8	5	1.70	.8
EC103M1	.8	TO92	0.5	600	.001	.01		.8	5	1.70	.8
EC103M2	.8	TO92	0.5	600	.001	.05		.8	5	1.70	.8
EC103M3	.8	TO92	0.5	600	.001	.50		.8	8	1.70	.8
EC103Y	.8	TO92	0.5	30	.001	.20		.8	5	1.70	.8
EC103Y1	.8	TO92	0.5	30	.001	.01		.8	5	1.70	.8
EC103Y2	.8	TO92	0.5	30	.001	.05		.8	5	1.70	.8
EC103Y3	.8	TO92	0.5	30	.001	.50		.8	8	1.70	.8
MCR1006	.8	TO92	0.5	400	.001	.20		.8	5	1.70	1.0
MCR393510	.8	TO92	0.5	200	.001	.20		.8	50	1.70	1.0

TO-92KGA Package											
C103A	.8	TO92KGA	0.5	100	.001	.20		.8	5	1.50	1.0
C103B	.8	TO92KGA	0.5	200	.001	.20		.8	5	1.50	1.0
C103F	.8	TO92KGA	0.5	30	.001	.20		.8	5	1.50	1.0
C103YY	.8	TO92KGA	0.5	60	.001	.20		.8	5	1.50	1.0

1.0 Amps ITrms

TO-92 Package											
S031E	1.0	TO92	0.6	30	.010	10.00	1.00	1.5	20	1.60	1.0
S051E	1.0	TO92	0.6	50	.010	10.00	1.00	1.5	20	1.60	1.0
S101E	1.0	TO92	0.6	100	.010	10.00	1.00	1.5	20	1.60	1.0
S201E	1.0	TO92	0.6	200	.010	10.00	1.00	1.5	20	1.60	1.0
S401E	1.0	TO92	0.6	400	.010	10.00	1.00	1.5	20	1.60	1.0
S601E	1.0	TO92	0.6	600	.010	10.00	1.00	1.5	20	1.60	1.0

1.6 Amps ITrms

TO-220AB/I Package (Note 1)											
S0301L	1.6	TO220AB/I	1.0	30	.010	10.00	1.00	1.5	20	1.60	1.6
S0301LS1	1.6	TO220AB/I	1.0	30	.002	.05		.8	6	1.60	1.6
S0301LS2	1.6	TO220AB/I	1.0	30	.002	.20		.8	6	1.60	1.6
S0301LS3	1.6	TO220AB/I	1.0	30	.002	.50		.8	8	1.60	1.6
S0501L	1.6	TO220AB/I	1.0	50	.010	10.00	1.00	1.5	20	1.60	1.6
S0501LS1	1.6	TO220AB/I	1.0	50	.002	.05		.8	6	1.60	1.6
S0501LS2	1.6	TO220AB/I	1.0	50	.002	.20		.8	6	1.60	1.6
S0501LS3	1.6	TO220AB/I	1.0	50	.002	.50		.8	8	1.60	1.6

Loras Industries - 15 Oct. 90 (Note 1 - Isolated Package)

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PART No.	ITrms Amps	PACKAGE	ITavg Amps	VDRM Volts	IDRM mAmps	IGT MAX mAmps	IGT MIN mAmps	VGT Volts	Ih mAmps	VTM Volts	ITM Amps
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1.6 Amps ITrms (Cont'd)

TO-220AB/I Package (Cont'd)

S1001L	1.6	TO220AB/I	1.0	100	.010	10.00	1.00	1.5	20	1.60	1.6
S1001LS1	1.6	TO220AB/I	1.0	100	.002	.05		.8	6	1.60	1.6
S1001LS2	1.6	TO220AB/I	1.0	100	.002	.20		.8	6	1.60	1.6
S1001LS3	1.6	TO220AB/I	1.0	100	.002	.50		.8	8	1.60	1.6
S2001L	1.6	TO220AB/I	1.0	200	.010	10.00	1.00	1.5	20	1.60	1.6
S2001LS1	1.6	TO220AB/I	1.0	200	.002	.05		.8	6	1.60	1.6
S2001LS2	1.6	TO220AB/I	1.0	200	.002	.20		.8	6	1.60	1.6
S2001LS3	1.6	TO220AB/I	1.0	200	.002	.50		.8	8	1.60	1.6
S4001L	1.6	TO220AB/I	1.0	400	.010	10.00	1.00	1.5	20	1.60	1.6
S4001LS1	1.6	TO220AB/I	1.0	400	.002	.05		.8	6	1.60	1.6
S4001LS2	1.6	TO220AB/I	1.0	400	.002	.20		.8	6	1.60	1.6
S4001LS3	1.6	TO220AB/I	1.0	400	.002	.50		.8	8	1.60	1.6
S6001L	1.6	TO220AB/I	1.0	600	.010	10.00	1.00	1.5	20	1.60	1.6

TO-5 Package

2N4215	1.6	TO5	1.0	150	.001	.30		1.0	7	2.00	3.1
S2001M	1.6	TO5	0.6	200	.050	10.00		1.5	20	1.60	1.0
S2001MS1	1.6	TO5	1.0	200	.001	.05		.8	3	1.60	3.2
S2001MS2	1.6	TO5	1.0	200	.001	.20		.8	3	1.60	3.2
S2001MS3	1.6	TO5	1.0	200	.001	.50		.8	6	1.60	3.2
S4001M	1.6	TO5	0.6	400	.050	10.00		1.5	20	1.60	1.0
S4001MS1	1.6	TO5	1.0	400	.001	.05		.8	3	1.60	3.2
S4001MS2	1.6	TO5	1.0	400	.001	.20		.8	3	1.60	3.2
S4001MS3	1.6	TO5	1.0	400	.001	.50		.8	6	1.60	3.2
S6001M	1.6	TO5	0.6	600	.050	10.00		1.5	20	1.60	1.0

2.7 Amps ITrms

TO-220AB Package

S2061E	2.7	TO220AB	2.5	500	.100	.50		.8	3	2.20	4.0
S2061F	2.7	TO220AB	2.5	50	.010	.50		.8	3	2.20	4.0

3.0 Amps ITrms

TL(CB-274) Package

TL4003SGA	3.0	TL(CB-274)	1.9	400	.020	7.00	4.00	3.0	30	1.80	3.2
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TO-220/I Package (Note 1)

S0303L	3.0	TO220AB/I	1.9	30	.010	10.00	1.00	1.5	20	1.60	3.0
S0303LS2	3.0	TO220AB/I	1.9	30	.002	.20		.8	6	1.60	3.0
S0303LS3	3.0	TO220AB/I	1.9	30	.002	.50		.8	8	1.60	3.0
S0503L	3.0	TO220AB/I	1.9	50	.010	10.00	1.00	1.5	20	1.60	3.0
S0503LS2	3.0	TO220AB/I	1.9	50	.002	.20		.8	6	1.60	3.0
S0503LS3	3.0	TO220AB/I	1.9	50	.002	.50		.8	8	1.60	3.0
S1003L	3.0	TO220AB/I	1.9	100	.010	10.00	1.00	1.5	20	1.60	3.0
S1003LS2	3.0	TO220AB/I	1.9	100	.002	.20		.8	6	1.60	3.0
S1003LS3	3.0	TO220AB/I	1.9	100	.002	.50		.8	8	1.60	3.0
S2003L	3.0	TO220AB/I	1.9	200	.010	10.00	1.00	1.5	20	1.60	3.0
S2003LS2	3.0	TO220AB/I	1.9	200	.002	.20		.8	6	1.60	3.0
S2003LS3	3.0	TO220AB/I	1.9	200	.002	.50		.8	8	1.60	3.0
S4003L	3.0	TO220AB/I	1.9	400	.010	10.00	1.00	1.5	20	1.60	3.0
S4003LS2	3.0	TO220AB/I	1.9	400	.002	.20		.8	6	1.60	3.0
S4003LS3	3.0	TO220AB/I	1.9	400	.002	.50		.8	8	1.60	3.0
S6003L	3.0	TO220AB/I	1.9	600	.010	10.00	1.00	1.5	20	1.60	3.0

TO-5 Package

S2003M	3.0	TO5	1.9	200	.050	10.00		1.5	20	1.60	3.0
S2003MS1	3.0	TO5	1.9	200	.001	.05		.8	3	1.60	6.0
S2003MS2	3.0	TO5	1.9	200	.001	.20		.8	3	1.60	6.0
S2003MS3	3.0	TO5	1.9	200	.001	.50		.8	6	1.60	6.0
S4003M	3.0	TO5	1.9	400	.050	10.00		1.5	20	1.60	3.0
S4003MS1	3.0	TO5	1.9	400	.001	.05		.8	3	1.60	6.0
S4003MS2	3.0	TO5	1.9	400	.001	.20		.8	3	1.60	6.0
S4003MS3	3.0	TO5	1.9	400	.001	.50		.8	6	1.60	6.0
S6003M	3.0	TO5	1.9	600	.050	10.00		1.5	20	1.60	3.0

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PART No.	ITrms Amps	PACKAGE	ITavg Amps	VDRM Volts	IDRM mAmps	IGT MAX mAmps	IGT MIN mAmps	VGT Volts	Ih mAmps	VTM Volts	ITM Amps
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4.0 Amps ITrms

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TO-202AB Package			ITavg	VDRM	IDRM	IGT MAX	IGT MIN	VGT	Ih	VTM	ITM
Part No.	ITrms	Package	Amps	Volts	mAmps	mAmps	mAmps	Volts	mAmps	Volts	Amps
C106A1	4.0	TO202AB	2.5	100	.010	.20		.8	3	2.20	4.0
C106B1	4.0	TO202AB	2.5	200	.010	.20		.8	3	2.20	4.0
C106C1	4.0	TO202AB	2.5	300	.010	.20		.8	3	2.20	4.0
C106D1	4.0	TO202AB	2.5	400	.010	.20		.8	3	2.20	4.0
C106E1	4.0	TO202AB	2.5	500	.010	.20		.8	3	2.20	4.0
C106F1	4.0	TO202AB	2.5	50	.010	.20		.8	3	2.20	4.0
C106F2	4.0	TO202AB	2.5	50	.010	.20		.8	3	2.20	4.0
C106M1	4.0	TO202AB	2.5	600	.010	.20		.8	3	2.20	4.0
C106Q1	4.0	TO202AB	2.5	15	.010	.20		.8	3	2.20	4.0
C106Y1	4.0	TO202AB	2.5	30	.010	.20		.8	3	2.20	4.0
C107A	4.0	TO202AB	2.5	100	.010	.50		.8	6	2.20	4.0
C107B	4.0	TO202AB	2.5	200	.010	.50		.8	6	2.20	4.0
C107D	4.0	TO202AB	2.5	400	.010	.50		.8	6	2.20	4.0
C107M	4.0	TO202AB	2.5	600	.010	.50		.8	6	2.20	4.0
S0304F1	4.0	TO202AB	2.5	30	.010	10.00	1.00	1.5	20	1.60	4.0
S0504F1	4.0	TO202AB	2.5	50	.010	10.00	1.00	1.5	20	1.60	4.0
S1004F1	4.0	TO202AB	2.5	100	.010	10.00	1.00	1.5	20	1.60	4.0
S2004F1	4.0	TO202AB	2.5	200	.010	10.00	1.00	1.5	20	1.60	4.0
S4004F1	4.0	TO202AB	2.5	400	.010	10.00	1.00	1.5	20	1.60	4.0
S6004F1	4.0	TO202AB	2.5	600	.010	10.00	1.00	1.5	20	1.60	4.0
T106A1	4.0	TO202AB	2.5	100	.002	.20		.8	5	2.20	4.0
T106B1	4.0	TO202AB	2.5	200	.002	.20		.8	5	2.20	4.0
T106C1	4.0	TO202AB	2.5	300	.002	.20		.8	5	2.20	4.0
T106D1	4.0	TO202AB	2.5	400	.002	.20		.8	5	2.20	4.0
T106E1	4.0	TO202AB	2.5	500	.002	.20		.8	5	2.20	4.0
T106F1	4.0	TO202AB	2.5	50	.002	.20		.8	5	2.20	4.0
T106M1	4.0	TO202AB	2.5	600	.002	.20		.8	5	2.20	4.0
T106Q1	4.0	TO202AB	2.5	15	.002	.20		.8	5	2.20	4.0
T106Y1	4.0	TO202AB	2.5	30	.002	.20		.8	5	2.20	4.0
T107A1	4.0	TO202AB	2.5	100	.002	.50		.8	6	2.50	4.0
T107B1	4.0	TO202AB	2.5	200	.002	.50		.8	6	2.50	4.0
T107C1	4.0	TO202AB	2.5	300	.002	.50		.8	6	2.50	4.0
T107D1	4.0	TO202AB	2.5	400	.002	.50		.8	6	2.50	4.0
T107E1	4.0	TO202AB	2.5	500	.002	.50		.8	6	2.50	4.0
T107F1	4.0	TO202AB	2.5	50	.002	.50		.8	6	2.50	4.0
T107M1	4.0	TO202AB	2.5	600	.002	.50		.8	6	2.50	4.0
T107Q1	4.0	TO202AB	2.5	15	.002	.50		.8	6	2.50	4.0
T107Y1	4.0	TO202AB	2.5	30	.002	.50		.8	6	2.50	4.0

TO-202ABKGA Package			ITavg	VDRM	IDRM	IGT MAX	IGT MIN	VGT	Ih	VTM	ITM
Part No.	ITrms	Package	Amps	Volts	mAmps	mAmps	mAmps	Volts	mAmps	Volts	Amps
S0504NS11	4.0	TO202ABKGA	2.5	50	.002	.05		.8	6	1.60	4.0
S0504NS21	4.0	TO202ABKGA	2.5	50	.002	.20		.8	6	1.60	4.0
S0504NS31	4.0	TO202ABKGA	2.5	50	.002	.50		.8	6	1.60	4.0
S1004NS11	4.0	TO202ABKGA	2.5	100	.002	.05		.8	6	1.60	4.0
S1004NS21	4.0	TO202ABKGA	2.5	100	.002	.20		.8	6	1.60	4.0
S1004NS31	4.0	TO202ABKGA	2.5	100	.002	.50		.8	6	1.60	4.0
S2004N1	4.0	TO202ABKGA	2.5	200	.050	10.00		1.5	20	1.60	4.0
S2004NS11	4.0	TO202ABKGA	2.5	200	.002	.05		.8	6	1.60	4.0
S2004NS21	4.0	TO202ABKGA	2.5	200	.002	.20		.8	6	1.60	4.0
S2004NS31	4.0	TO202ABKGA	2.5	200	.002	.50		.8	6	1.60	4.0
S4004N1	4.0	TO202ABKGA	2.5	400	.050	10.00	1.00	1.5	20	1.60	4.0
S4004NS11	4.0	TO202ABKGA	2.5	400	.002	.05		.8	6	1.60	4.0
S4004NS21	4.0	TO202ABKGA	2.5	400	.002	.20		.8	6	1.60	4.0
S4004NS31	4.0	TO202ABKGA	2.5	400	.002	.50		.8	6	1.60	4.0

TO-220AB Package			ITavg	VDRM	IDRM	IGT MAX	IGT MIN	VGT	Ih	VTM	ITM
Part No.	ITrms	Package	Amps	Volts	mAmps	mAmps	mAmps	Volts	mAmps	Volts	Amps
S0402MH	4.0	TO220AB	2.5	600	.050	.20		2.0	10	2.50	8.0
S2060A	4.0	TO220AB	2.5	100	.010	.20		.8	3	2.20	4.0
S2060E	4.0	TO220AB	2.5	500	.010	.20		.8	3	2.20	4.0
S2080F	4.0	TO220AB	2.5	50	.010	.20		.8	3	2.20	4.0
S2060M	4.0	TO220AB	2.5	600	.010	.20		.8	3	2.20	4.0
S2061M	4.0	TO220AB	2.5	600	.010	.50		.8	6	2.20	4.0
TYS4061	4.0	TO220AB	2.5	100	.500	.20		2.0	6	1.60	8.0
TYS4062	4.0	TO220AB	2.5	200	.500	.20		2.0	6	1.60	8.0
TYS4064	4.0	TO220AB	2.5	400	.500	.20		2.0	6	1.60	8.0
TYS4066	4.0	TO220AB	2.5	600	.500	.20		2.0	6	1.60	8.0
TYS4071	4.0	TO220AB	2.5	100	.500	.50		2.0	6	1.60	8.0
TYS4072	4.0	TO220AB	2.5	200	.500	.50		2.0	6	1.60	8.0
TYS4074	4.0	TO220AB	2.5	400	.500	.50		2.0	5	1.60	8.0
TYS4076	4.0	TO220AB	2.5	600	.500	.50		2.0	6	1.60	8.0

Loras Industries - 15 Oct. 90 (Note 1 - Isolated Package)

PART No.	ITrms Amps	PACKAGE	ITavg Amps	VDRM Volts	IDRM mAmps	IGT MAX mAmps	IGT MIN mAmps	VGT Volts	Ih mAmps	VTM Volts	ITM Amps
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5.0 Amps ITrms

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TO-220AB Package											
S5800B	5.0	TO220AB	3.8	200	.010	50.00		2.5	50	4.00	30.0
S5800D	5.0	TO220AB	3.8	400	.010	50.00		2.5	50	4.00	30.0
S5800M	5.0	TO220AB	3.8	600	.010	50.00		2.5	50	4.00	30.0
TIC106B	5.0	TO220AB	3.8	200	.002	.20		1.0	5	1.70	5.0
TIC106D	5.0	TO220AB	3.8	400	.002	.20		1.0	5	1.70	5.0
TIC106M	5.0	TO220AB	3.8	600	.002	.20		1.0	5	1.70	5.0

TO-66 Package											
S2700D	5.0	TO66	3.8	400	.010	2.00		2.0	20	2.80	30.0
S2700M	5.0	TO66	3.8	400	.010	2.00		2.0	20	2.80	30.0

6.0 Amps ITrms

TO-202AB Package											
S0306F1	6.0	TO202AB	3.8	30	.010	15.00	1.00	1.5	30	1.60	6.0
S0306FS21	6.0	TO202AB	3.8	30	.005	.20		.8	6	1.60	6.0
S0306FS31	6.0	TO202AB	3.8	30	.005	.50		.8	8	1.60	6.0
S0506F1	6.0	TO202AB	3.8	50	.010	15.00	1.00	1.5	30	1.60	6.0
S0506FS21	6.0	TO202AB	3.8	50	.005	.20		.8	6	1.60	6.0
S0506FS31	6.0	TO202AB	3.8	50	.005	.50		.8	8	1.60	6.0
S1006F1	6.0	TO202AB	3.8	100	.010	15.00	1.00	1.5	30	1.60	6.0
S1006FS21	6.0	TO202AB	3.8	100	.005	.20		.8	6	1.60	6.0
S1006FS31	6.0	TO202AB	3.8	100	.005	.50		.8	8	1.60	6.0
S2006F1	6.0	TO202AB	3.8	200	.010	15.00	1.00	1.5	30	1.60	6.0
S2006FS21	6.0	TO202AB	3.8	200	.005	.20		.8	6	1.60	6.0
S2006FS31	6.0	TO202AB	3.8	200	.005	.50		.8	8	1.60	6.0
S4006F1	6.0	TO202AB	3.8	400	.010	15.00	1.00	1.5	30	1.60	6.0
S4006FS21	6.0	TO202AB	3.8	400	.005	.20		.8	6	1.60	6.0
S4006FS31	6.0	TO202AB	3.8	400	.005	.50		.8	8	1.60	6.0
S6006F1	6.0	TO202AB	3.8	600	.010	15.00	1.00	1.5	30	1.60	6.0

TO-220AB/I Package (NOTE 1)											
S0306L	6.0	TO220AB/I	3.8	30	.010	15.00	1.00	1.5	30	1.60	6.0
S0306LS2	6.0	TO220AB/I	3.8	30	.005	.20		.8	6	1.60	6.0
S0306LS3	6.0	TO220AB/I	3.8	30	.005	.50		.8	8	1.60	6.0
S0506L	6.0	TO220AB/I	3.8	50	.010	15.00	1.00	1.5	30	1.60	6.0
S0506LS2	6.0	TO220AB/I	3.8	50	.005	.20		.8	6	1.60	6.0
S0506LS3	6.0	TO220AB/I	3.8	50	.005	.50		.8	8	1.60	6.0
S1006L	6.0	TO220AB/I	3.8	100	.010	15.00	1.00	1.5	30	1.60	6.0
S1006LS2	6.0	TO220AB/I	3.8	100	.005	.20		.8	6	1.60	6.0
S1006LS3	6.0	TO220AB/I	3.8	100	.005	.50		.8	8	1.60	6.0
S2006L	6.0	TO220AB/I	3.8	200	.010	15.00	1.00	1.5	30	1.60	6.0
S2006LS2	6.0	TO220AB/I	3.8	200	.005	.20		.8	6	1.60	6.0
S2006LS3	6.0	TO220AB/I	3.8	200	.005	.50		.8	8	1.60	6.0
S4006L	6.0	TO220AB/I	3.8	400	.010	15.00	1.00	1.5	30	1.60	6.0
S4006LS2	6.0	TO220AB/I	3.8	400	.005	.20		.8	6	1.60	6.0
S4006LS3	6.0	TO220AB/I	3.8	400	.005	.50		.8	8	1.60	6.0
S6006L	6.0	TO220AB/I	3.8	600	.010	15.00	1.00	1.5	30	1.60	6.0

7.4 Amps ITrms

TO-64 Package											
2N1770	7.4	TO64	4.7	25	.001	15.00		2.0		1.90	15.0
2N1771	7.4	TO64	4.7	50	.001	15.00		2.0		1.90	15.0
2N1772	7.4	TO64	4.7	100	.001	15.00		2.0		1.90	15.0
2N1773	7.4	TO64	4.7	150	.001	15.00		2.0		1.90	15.0
2N1774	7.4	TO64	4.7	200	.001	15.00		2.0		1.90	15.0
2N1775	7.4	TO64	4.7	250	.001	15.00		2.0		1.90	15.0
2N1776	7.4	TO64	4.7	300	.001	15.00		2.0		1.90	15.0
2N1777	7.4	TO64	4.7	400	.001	15.00		2.0		1.90	15.0
2N1778	7.4	TO64	4.7	500	.001	15.00		2.0		1.90	15.0
2N2619	7.4	TO64	4.7	600	.001	15.00		2.0		1.90	15.0

8.0 Amps ITrms

TO-202AB Package											
S0308F1	8.0	TO202AB	5.1	30	.010	15.00	1.00	1.5	30	1.60	8.0
S0308FS21	8.0	TO202AB	5.1	30	.005	.20		.8	6	1.60	8.0
S0308FS31	8.0	TO202AB	5.1	30	.005	.50		.8	8	1.60	8.0
S0508F1	8.0	TO202AB	5.1	50	.010	15.00	1.00	1.5	30	1.60	8.0
S0508FS21	8.0	TO202AB	5.1	50	.005	.20		.8	6	1.60	8.0

Loras Industries - 15 Oct. 90 (Note 1 - Isolated Package)

PART No.	ITrms Amps	PACKAGE	ITavg Amps	VDRM Volts	IDRM mAmps	IGT MAX mAmps	IGT MIN mAmps	VGT Volts	Ih mAmps	VTM Volts	ITM Amps
8.0 Amps ITrms (Cont'd)											
T-25-01											
TO-202AB Package (Cont'd)											
S0508FS31	8.0	TO202AB	5.1	50	.005	.50		.8	8	1.60	8.0
S1008F1	8.0	TO202AB	5.1	100	.010	15.00	1.00	1.5	30	1.60	8.0
S1008FS21	8.0	TO202AB	5.1	100	.005	.20		.8	6	1.60	8.0
S1008FS31	8.0	TO202AB	5.1	100	.005	.50		.8	8	1.60	8.0
S2008F1	8.0	TO202AB	5.1	200	.010	15.00	1.00	1.5	30	1.60	8.0
S2008FS21	8.0	TO202AB	5.1	200	.005	.20		.8	6	1.60	8.0
S2008FS31	8.0	TO202AB	5.1	200	.005	.50		.8	8	1.60	8.0
S4008F1	8.0	TO202AB	5.1	400	.010	15.00	1.00	1.5	30	1.60	8.0
S4008FS21	8.0	TO202AB	5.1	400	.005	.20		.8	6	1.60	8.0
S4008FS31	8.0	TO202AB	5.1	400	.005	.50		.8	8	1.60	8.0
S6008F1	8.0	TO202AB	5.1	600	.010	15.00	1.00	1.5	30	1.60	8.0

TO-220AB											
C122A	8.0	TO220AB	5.1	100	.100	25.00	1.00	1.5	30	1.83	16.0
C122B	8.0	TO220AB	5.1	200	.100	25.00	1.00	1.5	30	1.83	16.0
C122C	8.0	TO220AB	5.1	300	.100	25.00	1.00	1.5	30	1.83	16.0
C122D	8.0	TO220AB	5.1	400	.100	25.00	1.00	1.5	30	1.83	16.0
C122E	8.0	TO220AB	5.1	500	.100	25.00	1.00	1.5	30	1.83	16.0
C122F	8.0	TO220AB	5.1	50	.100	25.00	1.00	1.5	30	1.83	16.0
C122M	8.0	TO220AB	5.1	600	.100	25.00	1.00	1.5	30	1.83	16.0
MCR2184	8.0	TO220AB	5.1	200	.010	25.00		2.5	30	1.80	16.0
MCR2186	8.0	TO220AB	5.1	400	.010	25.00		2.5	30	1.80	16.0
MCR2188	8.0	TO220AB	5.1	600	.010	25.00		2.5	30	1.80	16.0
S0308R	8.0	TO220AB	5.1	30	.010	15.00	1.00	1.5	30	1.60	8.0
S0508R	8.0	TO220AB	5.1	50	.010	15.00	1.00	1.5	30	1.60	8.0
S1008R	8.0	TO220AB	5.1	100	.010	15.00	1.00	1.5	30	1.60	8.0
S2008R	8.0	TO220AB	5.1	200	.010	15.00	1.00	1.5	30	1.60	8.0
S4008R	8.0	TO220AB	5.1	400	.010	15.00	1.00	1.5	30	1.60	8.0
S6008R	8.0	TO220AB	5.1	600	.010	15.00	1.00	1.5	30	1.60	8.0

TO-220AB/I Package (Note 1)											
MCR2184FP	8.0	TO220AB/I	5.1	200	.010	25.00		2.5	30	1.80	16.0
MCR2186FP	8.0	TO220AB/I	5.1	400	.010	25.00		2.5	30	1.80	16.0
MCR2188FP	8.0	TO220AB/I	5.1	600	.010	25.00		2.5	30	1.80	16.0
S0308L	8.0	TO220AB/I	5.1	30	.010	15.00	1.00	1.5	30	1.60	8.0
S0308LS2	8.0	TO220AB/I	5.1	30	.005	.20		.8	6	1.60	8.0
S0308LS3	8.0	TO220AB/I	5.1	30	.005	.50		.8	8	1.60	8.0
S0508L	8.0	TO220AB/I	5.1	50	.010	15.00	1.00	1.5	30	1.60	8.0
S0508LS2	8.0	TO220AB/I	5.1	50	.005	.20		.8	6	1.60	8.0
S0508LS3	8.0	TO220AB/I	5.1	50	.005	.50		.8	8	1.60	8.0
S1008L	8.0	TO220AB/I	5.1	100	.010	15.00	1.00	1.5	30	1.60	8.0
S1008LS2	8.0	TO220AB/I	5.1	100	.005	.20		.8	6	1.60	8.0
S1008LS3	8.0	TO220AB/I	5.1	100	.005	.50		.8	8	1.60	8.0
S2008L	8.0	TO220AB/I	5.1	200	.010	15.00	1.00	1.5	30	1.60	8.0
S2008LS2	8.0	TO220AB/I	5.1	200	.005	.20		.8	6	1.60	8.0
S2008LS3	8.0	TO220AB/I	5.1	200	.005	.50		.8	8	1.60	8.0
S4008L	8.0	TO220AB/I	5.1	400	.010	15.00	1.00	1.5	30	1.60	8.0
S4008LS2	8.0	TO220AB/I	5.1	400	.005	.20		.8	6	1.60	8.0
S4008LS3	8.0	TO220AB/I	5.1	400	.005	.50		.8	8	1.60	8.0
S6008L	8.0	TO220AB/I	5.1	600	.010	15.00	1.00	1.5	30	1.60	8.0

TO-3 Package											
2N3668	8.0	TO3	5.1	100	.050	40.00		2.0	50	1.80	25.0

10.0 Amps ITrms

TO-202AB Package											
S0310F1	10.0	TO202AB	6.4	30	.010	15.00	1.00	1.5	30	1.60	10.0
S0310FS21	10.0	TO202AB	6.4	30	.005	.20		.8	6	1.60	10.0
S0310FS31	10.0	TO202AB	6.4	30	.005	.50		.8	8	1.60	10.0
S0510F1	10.0	TO202AB	6.4	50	.010	15.00	1.00	1.5	30	1.60	10.0
S0510FS21	10.0	TO202AB	6.4	50	.005	.20		.8	6	1.60	10.0
S0510FS31	10.0	TO202AB	6.4	50	.005	.50		.8	8	1.60	10.0
S1010F1	10.0	TO202AB	6.4	100	.010	15.00	1.00	1.5	30	1.60	10.0
S1010FS21	10.0	TO202AB	6.4	100	.005	.20		.8	6	1.60	10.0
S1010FS31	10.0	TO202AB	6.4	100	.005	.50		.8	8	1.60	10.0
S2010F1	10.0	TO202AB	6.4	200	.010	15.00	1.00	1.5	30	1.60	10.0
S2010FS21	10.0	TO202AB	6.4	200	.005	.20		.8	6	1.60	10.0
S2010FS31	10.0	TO202AB	6.4	200	.005	.50		.8	8	1.60	10.0
S4010F1	10.0	TO202AB	6.4	400	.010	15.00	1.00	1.5	30	1.60	10.0
S4010FS21	10.0	TO202AB	6.4	400	.005	.20		.8	6	1.60	10.0
S4010FS31	10.0	TO202AB	6.4	400	.005	.50		.8	8	1.60	10.0
S6010F1	10.0	TO202AB	6.4	600	.010	15.00	1.00	1.5	30	1.60	10.0

Loras Industries -- 15 Oct. 90 (Note 1 -- Isolated Package)

PART No.	ITrms Amps	PACKAGE	ITavg Amps	VDRM Volts	IDRM mAmps	IGT MAX mAmps	IGT MIN mAmps	VGT Volts	Ih mAmps	VTM Volts	ITM Amps
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T-25-01

10.0 Amps ITrms (Cont'd)

TO-203 Package											
C222A	10.0	TO203	6.4	100	.100	25.00		1.5	30	1.95	20.0
C222B	10.0	TO203	6.4	200	.100	25.00		1.5	30	1.95	20.0
C222D	10.0	TO203	6.4	400	.100	25.00		1.5	30	1.95	20.0
C222DX123	10.0	TO203	7.4	400	.100	25.00		1.5	30	1.90	20.0
C222F	10.0	TO203	6.4	50	.100	25.00		1.5	30	1.95	20.0
C222M	10.0	TO203	6.4	600	.100	25.00		1.5	30	1.95	20.0

TO-220AB Package											
C220B1	10.0	TO220AB	6.4	100	.001	25.00		1.5	30	1.95	20.0
MCR3103	10.0	TO220AB	6.4	100	.001	.20		1.5	20	2.00	10.0
MCR3104	10.0	TO220AB	6.4	200	.001	.20		1.5	20	2.00	10.0
MCR3106	10.0	TO220AB	6.4	400	.001	.20		1.5	20	2.00	10.0
MCR3108	10.0	TO220AB	6.4	600	.001	.20		1.5	20	2.00	10.0
S2800A	10.0	TO220AB	6.4	100	.001	15.00		1.5	20	2.00	10.0
S2800B	10.0	TO220AB	6.4	200	.001	15.00		1.5	20	2.00	10.0
S2800C	10.0	TO220AB	6.4	300	.001	15.00		1.5	20	2.00	10.0
S2800D	10.0	TO220AB	6.4	400	.001	15.00		1.5	20	2.00	10.0
S2800E	10.0	TO220AB	6.4	500	.001	15.00		1.5	20	2.00	10.0
S2800F	10.0	TO220AB	6.4	50	.001	15.00		1.5	20	2.00	10.0
S2800M	10.0	TO220AB	6.4	600	.001	15.00		1.5	20	2.00	10.0
S2800N	10.0	TO220AB	5.1	800	.010	15.00	1.00	1.5	20	2.00	30.0
S4060B	10.0	TO220AB	6.4	200	.050	.20		1.5	6	2.30	30.0
S4060D	10.0	TO220AB	6.4	400	.050	.20		1.5	6	2.30	30.0

TO-220AB/I Package (Note 1)											
S0310L	10.0	TO220AB/I	6.4	30	.010	15.00	1.00	1.5	30	1.60	10.0
S0310LS2	10.0	TO220AB/I	6.4	30	.005	.20		.8	6	1.60	10.0
S0310LS3	10.0	TO220AB/I	6.4	30	.005	.50		.8	8	1.60	10.0
S0510L	10.0	TO220AB/I	6.4	50	.010	15.00	1.00	1.5	30	1.60	10.0
S0510LS2	10.0	TO220AB/I	6.4	50	.005	.20		.8	6	1.60	10.0
S0510LS3	10.0	TO220AB/I	6.4	50	.005	.50		.8	8	1.60	10.0
S1010L	10.0	TO220AB/I	6.4	100	.010	15.00	1.00	1.5	30	1.60	10.0
S1010LS2	10.0	TO220AB/I	6.4	100	.005	.20		.8	6	1.60	10.0
S1010LS3	10.0	TO220AB/I	6.4	100	.005	.50		.8	8	1.60	10.0
S2010L	10.0	TO220AB/I	6.4	200	.010	15.00	1.00	1.5	30	1.60	10.0
S2010LS2	10.0	TO220AB/I	6.4	200	.005	.20		.8	6	1.60	10.0
S2010LS3	10.0	TO220AB/I	6.4	200	.005	.50		.8	8	1.60	10.0
S4010L	10.0	TO220AB/I	6.4	400	.010	15.00	1.00	1.5	30	1.60	10.0
S4010LS2	10.0	TO220AB/I	6.4	400	.005	.20		.8	6	1.60	10.0
S4010LS3	10.0	TO220AB/I	6.4	400	.005	.50		.8	8	1.60	10.0
S6010L	10.0	TO220AB/I	6.4	600	.010	15.00	1.00	1.5	30	1.60	10.0

TO-48 Package											
C220A1	10.0	TO48	6.4	100	.100	25.00		1.5	30	1.95	20.0
C220C1	10.0	TO48	6.4	300	.100	25.00		1.5	30	1.95	20.0
C220D1	10.0	TO48	6.4	400	.100	25.00		1.5	30	1.95	20.0
C220E1	10.0	TO48	6.4	500	.100	25.00		1.5	30	1.95	20.0
C220F1	10.0	TO48	6.4	50	.100	25.00		1.5	30	1.95	20.0
C220M1	10.0	TO48	6.4	600	.100	25.00		1.5	30	1.95	20.0

12.0 Amps ITrms

TO-220AB Package											
2N6394	12.0	TO220AB	7.6	50	.010	30.00		1.5	35	2.20	24.0
2N6395	12.0	TO220AB	7.6	100	.010	30.00		1.5	35	2.20	24.0
2N6396	12.0	TO220AB	7.6	200	.010	30.00		1.5	35	2.20	24.0
2N6397	12.0	TO220AB	7.6	400	.010	30.00		1.5	35	2.20	24.0
2N6398	12.0	TO220AB	7.6	600	.010	30.00		1.5	35	2.20	24.0
2N6399	12.0	TO220AB	7.8	800	.010	30.00		1.5	35	2.20	24.0
C126A	12.0	TO220AB	7.6	100	.100	25.00		1.5	30	1.82	24.0
C126B	12.0	TO220AB	7.6	200	.100	25.00		1.5	30	1.82	24.0
C126D	12.0	TO220AB	7.6	400	.100	25.00		1.5	30	1.82	24.0
S0512R	12.0	TO220AB	7.6	50	.010	20.00	1.00	1.5	40	1.60	12.0
S1012R	12.0	TO220AB	7.6	100	.010	20.00	1.00	1.5	40	1.60	12.0
S2012R	12.0	TO220AB	7.6	200	.010	20.00	1.00	1.5	40	1.60	12.0
S4012R	12.0	TO220AB	7.6	400	.010	20.00	1.00	1.5	40	1.60	12.0
S6000A	12.0	TO220AB	7.6	100	.010	30.00		1.5	35	2.20	24.0
S6000B	12.0	TO220AB	7.6	200	.010	30.00		1.5	35	2.20	24.0
S6000D	12.0	TO220AB	7.6	400	.010	30.00		1.5	35	2.20	24.0
S6000N	12.0	TO220AB	7.6	800	.010	30.00		1.5	35	2.20	24.0
S6012R	12.0	TO220AB	7.6	600	.010	20.00	1.00	1.5	40	1.60	12.0

SCR

PART No.	ITrms Amps	PACKAGE	ITavg Amps	VDRM Volts	IDRM mAmps	IGT MAX mAmps	IGT MIN mAmps	VGT Volts	Ih mAmps	VTM Volts	ITM Amps
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12.0 Amps ITrms (Cont'd)

T-25-01

TO-220AB/I Package (Note 1)											
S1012L	12.0	TO220AB/I	7.6	100	.010	20.00	1.00	1.5	40	1.60	12.0
S2012L	12.0	TO220AB/I	7.6	200	.010	20.00	1.00	1.5	40	1.60	12.0
S4012L	12.0	TO220AB/I	7.6	400	.010	20.00	1.00	1.5	40	1.60	12.0
S6012L	12.0	TO220AB/I	7.6	600	.010	20.00	1.00	1.5	40	1.60	12.0

12.5 Amps ITrms

TO-3 Package											
2N4301	12.5	TO3	5.1	600	.050	30.00		1.5		1.80	25.0

15.0 Amps ITrms

TO-220AB/I Package (note 1)											
S0315L	15.0	TO220AB/I	9.5	30	.010	30.00	1.00	1.5	40	1.60	15.0
S0515L	15.0	TO220AB/I	9.5	50	.010	30.00	1.00	1.5	40	1.60	15.0
S1015L	15.0	TO220AB/I	9.5	100	.010	30.00	1.00	1.5	40	1.60	15.0
S2015L	15.0	TO220AB/I	9.5	200	.010	30.00	1.00	1.5	40	1.60	15.0
S4015L	15.0	TO220AB/I	9.5	400	.010	30.00	1.00	1.5	40	1.60	15.0
S6015L	15.0	TO220AB/I	9.5	600	.010	30.00	1.00	1.5	40	1.60	15.0

16.0 Amps ITrms

TO-220AB Package											
C127A	16.0	TO220AB	10.0	100	.010	30.00		1.5	35	1.70	32.0
C127B	16.0	TO220AB	10.0	200	.010	30.00		1.5	35	1.70	32.0
C127C	16.0	TO220AB	10.0	400	.010	30.00		1.5	35	1.70	32.0
C127M	16.0	TO220AB	10.0	500	.010	30.00		1.5	35	1.70	32.0
2N6400	16.0	TO220AB	10.0	50	.010	30.00		1.5	35	1.70	32.0
2N6401	16.0	TO220AB	10.0	100	.010	30.00		1.5	35	1.70	32.0
2N6402	16.0	TO220AB	10.0	200	.010	30.00		1.5	35	1.70	32.0
2N6403	16.0	TO220AB	10.0	400	.010	30.00		1.5	35	1.70	32.0
2N6404	16.0	TO220AB	10.0	600	.010	30.00		1.5	35	1.70	32.0
S0316R	16.0	TO220AB	10.0	30	.010	30.00	1.00	1.5	40	1.60	16.0
S0516R	16.0	TO220AB	10.0	50	.010	30.00	1.00	1.5	40	1.60	16.0
S1016R	16.0	TO220AB	10.0	100	.010	30.00	1.00	1.5	40	1.60	16.0
S2016R	16.0	TO220AB	10.0	200	.010	30.00	1.00	1.5	40	1.60	16.0
S4016R	16.0	TO220AB	10.0	400	.010	30.00	1.00	1.5	40	1.60	16.0
S6016R	16.0	TO220AB	10.0	600	.010	30.00	1.00	1.5	40	1.60	16.0

TO-48 Package											
2N1842	16.0	TO48	10.0	25	.001	80.00		2.0	7	2.90	50.0
2N1843	16.0	TO48	10.0	50	.001	80.00		2.0	7	2.90	50.0
2N1844	16.0	TO48	10.0	100	.001	80.00		2.0	7	2.90	50.0
2N1845	16.0	TO48	10.0	150	.001	80.00		2.0	7	2.90	50.0
2N1846	16.0	TO48	10.0	200	.001	80.00		2.0	7	2.90	50.0
2N1847	16.0	TO48	10.0	250	.001	80.00		2.0	7	2.90	50.0
2N1848	16.0	TO48	10.0	300	.001	80.00		2.0	7	2.90	50.0
2N1849	16.0	TO48	10.0	400	.001	80.00		2.0	7	2.90	50.0
2N1850	16.0	TO48	10.0	500	.001	80.00		2.0	7	2.90	50.0

20.0 Amps ITrms

SC66PFIS Package (Note 1)											
2N6167	20.0	SC66PFIS	13.0	100	.010	40.00		1.6	50	1.70	41.0
2N6169	20.0	SC66PFIS	13.0	400	.010	40.00		1.6	50	1.70	41.0
2N6170	20.0	SC66PFIS	13.0	600	.010	40.00		1.6	50	1.70	41.0

TO-203 Package											
2N5164	20.0	TO203	13.0	50	.010	40.00		1.5	50	1.50	20.0
2N5164	20.0	TO203	13.0	200	.010	40.00		1.5	50	1.50	20.0
2N5164	20.0	TO203	13.0	400	.010	40.00		1.5	50	1.50	20.0
2N5167	20.0	TO203	13.0	600	0.010	40.000		1.5	50	1.50	20.0

TO-220AB/I Package (Note 1)											
ISO20	20.0	TO220AB/I	13.0	50	.020	25.00		1.5	30	1.50	30.0
S0520L	20.0	TO220AB/I	13.0	50	.010	30.00	1.00	1.5	40	1.60	20.0
S1020L	20.0	TO220AB/I	13.0	100	.010	30.00	1.00	1.5	40	1.60	20.0
S2020L	20.0	TO220AB/I	13.0	200	.010	30.00	1.00	1.5	40	1.60	20.0
S4020L	20.0	TO220AB/I	13.0	400	.010	30.00	1.00	1.5	40	1.60	20.0
S6020L	20.0	TO220AB/I	13.0	600	.010	30.00	1.00	1.5	40	1.60	20.0

Loras Industries - 15 Oct. 90 (Note 1 - Isolated Package)

SCR

PART No.	ITrms Amps	PACKAGE	ITavg Amps	VDRM Volts	IDRM mAmps	IGT MAX mAmps	IGT MIN mAmps	VGT Volts	Ih mAmps	VTM Volts	ITM Amps
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25.0 Amps ITrms

T-25-01

5/8" SWG Package (Note 1)											
S2025Y	25.0	5/8SWG	16.0	200	.050	30.00		1.5	50	1.60	25.0
S4025Y	25.0	5/8SWG	16.0	400	.050	30.00		1.5	50	1.60	25.0
S6025Y	25.0	5/8SWG	16.0	600	.050	30.00		1.5	50	1.60	25.0
C230D2	25.0	SC66PFIS	16.0	400	.500	25.00		1.5	50	1.90	100.0
C232C2	25.0	SC66PFIS	16.0	300	.500	25.00		1.5	50	1.90	100.0

TO-203 Package											
C125A	25.0	TO203	16.0	100	.500	20.00		1.5	50	1.90	25.0
C125B	25.0	TO203	16.0	200	.500	20.00		1.5	50	1.90	25.0
C125C	25.0	TO203	16.0	300	.500	20.00		1.5	50	1.90	25.0
C125D	25.0	TO203	16.0	400	.500	20.00		1.5	50	1.90	25.0
C232A	25.0	TO203	16.0	100	.500	25.00		1.5	50	1.90	25.0
C232AP	25.0	TO203	16.0	100	.500	20.00		1.5	75	2.00	100.0
C232B	25.0	TO203	16.0	200	.500	20.00		1.5	75	2.00	100.0
C232D	25.0	TO203	16.0	400	.500	20.00		1.5	75	2.00	100.0
C232M	25.0	TO203	16.0	600	.500	20.00		1.5	75	2.00	100.0
C235A	25.0	TO203	16.0	100	.500	40.00		1.5	75	2.00	100.0
C235B	25.0	TO203	16.0	200	.500	40.00		1.5	75	2.00	100.0
C235D	25.0	TO203	16.0	400	.500	40.00		1.5	75	2.00	100.0
C235M	25.0	TO203	16.0	600	.500	40.00		1.5	75	2.00	100.0
S2025G	25.0	TO203	16.0	200	.500	25.00		2.0	40	1.60	50.0

TO-220AB Package											
2N6504	25.0	TO220AB	16.0	50	.010	40.00		1.5	40	1.80	50.0
2N6505	25.0	TO220AB	16.0	100	.010	40.00		1.5	40	1.80	50.0
2N6506	25.0	TO220AB	16.0	200	.010	40.00		1.5	40	1.80	50.0
2N6507	25.0	TO220AB	16.0	400	.010	40.00		1.5	40	1.80	50.0
2N6508	25.0	TO220AB	16.0	600	.010	40.00		1.5	40	1.80	50.0
2N6509	25.0	TO220AB	16.0	800	.010	40.00		1.5	40	1.80	50.0
MCR691	25.0	TO220AB	16.0	25	.010	30.00		1.5	50	1.80	50.0
MCR693	25.0	TO220AB	16.0	100	.010	30.00		1.5	50	1.80	50.0
MCR693	25.0	TO220AB	16.0	100	.010	30.00		1.5	40	1.80	50.0
MCR696	25.0	TO220AB	16.0	400	.010	30.00		1.5	40	1.80	50.0
S0525R	25.0	TO220AB	16.0	50	.010	30.00	1.00	1.5	40	1.60	25.0
S1025R	25.0	TO220AB	16.0	100	.010	30.00	1.00	1.5	40	1.60	25.0
S2025R	25.0	TO220AB	16.0	200	.010	30.00	1.00	1.5	40	1.60	25.0
S4025R	25.0	TO220AB	16.0	400	.010	30.00	1.00	1.5	40	1.60	25.0
S6025R	25.0	TO220AB	16.0	600	.010	30.00	1.00	1.5	40	1.60	35.0

TO-220AB/I Package (Note 1)											
MCR22510FP	25.0	TO220AB/I	16.0	800	.010	40.00		1.5	40	1.80	50.0
MCR2254FP	25.0	TO220AB/I	16.0	200	.010	40.00		1.5	40	1.80	50.0
MCR2256FP	25.0	TO220AB/I	16.0	400	.010	40.00		1.5	40	1.80	50.0
MCR2258FP	25.0	TO220AB/I	16.0	600	.010	40.00		1.5	40	1.80	50.0
S0525L	25.0	TO220AB/I	16.0	50	.010	30.00	1.00	1.5	40	1.60	25.0
S1025L	25.0	TO220AB/I	16.0	100	.010	30.00	1.00	1.5	40	1.60	25.0
S2025L	25.0	TO220AB/I	16.0	200	.010	30.00	1.00	1.5	40	1.60	25.0
S4025L	25.0	TO220AB/I	16.0	400	.010	30.00	1.00	1.5	40	1.60	25.0
S6025L	25.0	TO220AB/I	16.0	600	.010	30.00	1.00	1.5	40	1.60	25.0

TO-48 Package											
2N681	25.0	TO48	16.0	25	.001	40.00		3.0	80	2.00	50.0
2N682	25.0	TO48	16.0	50	.001	40.00		3.0	80	2.00	50.0
2N683	25.0	TO48	16.0	100	.001	40.00		3.0	80	2.00	50.0
2N684	25.0	TO48	16.0	150	.001	40.00		3.0	80	2.00	50.0
2N685	25.0	TO48	16.0	200	.001	40.00		3.0	80	2.00	50.0
2N686	25.0	TO48	16.0	250	.001	40.00		3.0	80	2.00	50.0
2N687	25.0	TO48	16.0	300	.001	40.00		3.0	80	2.00	50.0
2N688	25.0	TO48	16.0	400	.001	40.00		3.0	80	2.00	50.0
2N689	25.0	TO48	16.0	500	.001	40.00		3.0	80	2.00	50.0
2N690	25.0	TO48	16.0	600	.001	40.00		3.0	80	2.00	50.0
2N691	25.0	TO48	16.0	700	.001	40.00		3.0	80	2.00	50.0
2N692	25.0	TO48	16.0	800	.001	40.00		3.0	80	2.00	50.0
C230A	25.0	TO48	16.0	100	.500	25.00		1.5	50	1.90	100.0
C230B	25.0	TO48	16.0	200	.500	25.00		1.5	50	1.90	100.0
C230D	25.0	TO48	16.0	400	.500	25.00		1.5	50	1.90	100.0
C230E	25.0	TO48	16.0	500	.500	25.00		1.5	50	1.90	100.0
C230M	25.0	TO48	16.0	600	.500	25.00		1.5	50	1.90	100.0
C231A	25.0	TO48	16.0	100	.500	9.00		1.5	50	1.90	100.0
C231B	25.0	TO48	16.0	200	.500	9.00		1.5	50	1.90	100.0
C231D	25.0	TO48	16.0	400	.500	9.00		1.5	50	1.90	100.0
C231M	25.0	TO48	16.0	600	.500	9.00		1.5	50	1.90	100.0
C234A	25.0	TO48	16.0	100	.500	40.00		1.5	75	2.00	100.0
C234B	25.0	TO48	16.0	200	.500	40.00		1.5	75	2.00	100.0
C234D	25.0	TO48	16.0	400	.500	40.00		1.5	75	2.00	100.0

Loras Industries - 15 Oct. 90 (Note 1 - Isolated Package)

SCR

PART No.	ITrms Amps	PACKAGE	ITavg Amps	VDRM Volts	IDRM mAmps	IGT MAX mAmps	IGT MIN mAmps	VGT Volts	Ih mAmps	VTM Volts	ITM Amps
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25.0 Amps ITrms (Cont'd)

T-25-01

TO-48 Package (Cont'd)

C234M	25.0	TO48	16.0	600	.500	40.00		1.5	75	2.00	100.0
S2025H	25.0	TO48	16.0	200	1.000	25.00		2.0	40	1.60	50.0
S4025H	25.0	TO48	16.0	400	1.000	25.00		2.0	40	1.60	50.0

TO-48/F Package

BTW39200	25.0	TO48/F	16.0	200	.050	80.00		1.5	50	2.20	50.0
BTW39400	25.0	TO48/F	16.0	400	.050	80.00		1.5	50	2.20	50.0
BTW39600	25.0	TO48/F	16.0	600	.050	80.00		1.5	50	2.20	50.0
BTW39800	25.0	TO48/F	16.0	800	.050	80.00		1.5	50	2.20	50.0
C231B1	25.0	TO48/F	16.0	200	.500	9.00		1.5	50	1.90	100.0

35.0 Amps ITrms

3/4" PF Package (Note 1)											
S2035	35.0	3/4PF	22.0	200	.050	25.00	1.00	2.0	40	1.60	35.0

3/4" PFS Package											
S4035D	35.0	3/4PFS	22.0	400	.050	25.00	1.00	2.0	40	1.60	35.0
S6035D	35.0	3/4PFS	22.0	600	.050	25.00	1.00	2.0	40	1.60	35.0

SC66PFIS Package (Note 1)											
2N6172	35.0	SC66PFIS	22.0	200	.010	40.00		1.6	50	1.85	69.0
2N6173	35.0	SC66PFIS	22.0	400	.010	40.00		1.6	50	1.85	69.0
2N6174	35.0	SC66PFIS	22.0	600	.010	40.00		1.6	50	1.85	69.0
C228A2	35.0	SC66PFIS	22.0	100	.100	40.00		2.5	75	1.90	100.0
C228B2	35.0	SC66PFIS	22.0	200	.100	40.00		2.5	75	1.90	100.0
C228D2	35.0	SC66PFIS	22.0	400	.100	40.00		2.5	75	1.90	100.0
C228M2	35.0	SC66PFIS	22.0	600	.100	40.00		2.5	75	1.90	100.0
S6420A	35.0	SC66PFIS	22.0	100	.010	40.00		2.0	70	2.10	100.0
S6420B	35.0	SC66PFIS	22.0	200	.010	40.00		2.0	70	2.10	100.0
S6420D	35.0	SC66PFIS	22.0	400	.010	40.00		2.0	70	2.10	100.0
S6420M	35.0	SC66PFIS	22.0	600	.010	40.00		2.0	70	2.10	100.0

TO-203 Package											
2N3871	35.0	TO203	16.0	200	.001	40.00		1.6	50	1.80	69.0
2N3872	35.0	TO203	16.0	400	.001	40.00		1.5	50	1.80	69.0
C229A	35.0	TO203	22.0	100	1.000	40.00		2.5	75	1.90	100.0
C229B	35.0	TO203	22.0	200	1.000	40.00		2.5	75	1.90	100.0
C229D	35.0	TO203	22.0	400	1.000	40.00		2.5	75	1.90	100.0
C229M	35.0	TO203	22.0	600	1.000	40.00		2.5	75	1.90	100.0

TO-218X Package											
S0335W	35.0	TO218X	22.0	30	.010	40.00	5.00	1.5	50	1.80	35.0
S0535W	35.0	TO218X	22.0	50	.010	40.00	5.00	1.5	50	1.80	35.0
S1035W	35.0	TO218X	22.0	100	.010	40.00	5.00	1.5	50	1.80	35.0
S2035W	35.0	TO218X	22.0	200	.010	40.00	5.00	1.5	50	1.80	35.0
S4035W	35.0	TO218X	22.0	400	.010	40.00	5.00	1.5	50	1.80	35.0
S6035W	35.0	TO218X	22.0	600	.010	40.00	5.00	1.5	50	1.80	35.0

TO-218X/I Package (Note 1)											
S0335J	35.0	TO218X/I	22.0	30	.010	40.00	5.00	1.5	50	1.80	35.0
S0535J	35.0	TO218X/I	22.0	50	.010	40.00	5.00	1.5	50	1.80	35.0
S1035J	35.0	TO218X/I	22.0	100	.010	40.00	5.00	1.5	50	1.80	35.0
S2035J	35.0	TO218X/I	22.0	200	.010	40.00	5.00	1.5	50	1.80	35.0
S4035J	35.0	TO218X/I	22.0	400	.010	40.00	5.00	1.5	50	1.80	35.0
S6035J	35.0	TO218X/I	22.0	600	.010	40.00	5.00	1.5	50	1.80	35.0

TO-48 Package											
2N3896	35.0	TO48	22.0	100	.001	40.00		2.0	70	1.85	69.0
2N3897	35.0	TO48	22.0	200	.001	40.00		2.0	70	1.85	69.0
2N3898	35.0	TO48	22.0	400	.001	40.00		2.0	70	1.85	69.0
2N3899	35.0	TO48	22.0	600	.001	40.00		2.0	70	1.85	69.0

TO-48/F Package											
2N3658	35.0	TO48/F	22.0	400	.001	180.00		3.0	150	2.05	25.0
2N5204	35.0	TO48/F	22.0	600	.001	40.00		3.0	100	2.30	70.0
2N5205	35.0	TO48/F	22.0	800	.001	40.00		3.0	100	2.30	70.0
2N5206	35.0	TO48/F	22.0	1000	.001	40.00		3.0	100	2.30	70.0
2N5207	35.0	TO48/F	22.0	1200	.001	40.00		3.0	100	2.30	70.0

PART No.	ITrms Amps	PACKAGE	ITavg Amps	VDRM Volts	IDRM mAmps	IGT MAX mAmps	IGT MIN mAmps	VGt Volts	Ih mAmps	VTM Volts	ITM Amps
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35.0 Amps ITrms (Cont'd)

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TO-48/F Package (Cont'd)

C228A1	35.0	TO48/F	22.0	100	1.000	40.00		2.5	75	1.90	100.0
C228B1	35.0	TO48/F	22.0	200	1.000	40.00		2.5	75	1.90	100.0
C228D1	35.0	TO48/F	22.0	400	1.000	40.00		2.5	75	1.90	100.0
C228M1	35.0	TO48/F	22.0	600	1.000	40.00		2.5	75	1.90	100.0
C35A	35.0	TO48/F	22.0	100	.001	40.00		3.0	100	2.00	50.0
C35B	35.0	TO48/F	22.0	200	.001	40.00		3.0	100	2.00	50.0
C35C	35.0	TO48/F	22.0	300	.001	40.00		3.0	100	2.00	50.0
C35D	35.0	TO48/F	22.0	400	.001	40.00		3.0	100	2.00	50.0
C35F	35.0	TO48/F	22.0	50	.001	40.00		3.0	100	2.00	50.0
C35M	35.0	TO48/F	22.0	600	.001	40.00		3.0	100	2.00	50.0
C35N	35.0	TO48/F	22.0	800	.001	40.00		3.0	100	2.00	50.0

50.0 Amps ITrms

TO-218X/I Package (Note 1)

S0550J	50.0	TO218X/I	32.0	50	.010	40.00	5.00	1.5	50	1.80	50.0
S1050J	50.0	TO218X/I	32.0	100	.010	40.00	5.00	1.5	50	1.80	50.0
S2050J	50.0	TO218X/I	32.0	200	.010	40.00	5.00	1.5	50	1.80	50.0
S4050J	50.0	TO218X/I	32.0	400	.010	40.00	5.00	1.5	50	1.80	50.0
S6050J	50.0	TO218X/I	32.0	600	.010	40.00	5.00	1.5	50	1.80	50.0

55.0 Amps ITrms

TO-218X Package

S0555W	55.0	TO218X	35.0	50	.010	40.00	5.00	1.5	50	1.80	55.0
S1055W	55.0	TO218X	35.0	100	.010	40.00	5.00	1.5	50	1.80	55.0
S2055W	55.0	TO218X	35.0	200	.010	40.00	5.00	1.5	50	1.80	55.0
S4055W	55.0	TO218X	35.0	400	.010	40.00	5.00	1.5	50	1.80	55.0
S6055W	55.0	TO218X	35.0	600	.010	40.00	5.00	1.5	50	1.80	55.0

63.0 Amps ITrms

TO-66 Package

C147A	63.0	TO65	40.0	100	.005	150.00		3.0	250	3.00	500.0
C147B	63.0	TO65	40.0	200	.005	150.00		3.0	250	3.00	500.0
C147C	63.0	TO65	40.0	300	.005	150.00		3.0	250	3.00	500.0
C147D	63.0	TO65	40.0	400	.005	150.00		3.0	250	3.00	500.0
C147M	63.0	TO65	40.0	600	.005	150.00		3.0	250	3.00	500.0
C147N	63.0	TO65	40.0	800	.005	150.00		3.0	250	3.00	500.0

65.0 Amps ITrms

RD101IFP Package (Note 1)

S0565P	65.0	RD101IFP	41.0	50	.020	50.00	5.00	2.0	50	1.80	65.0
S1065P	65.0	RD101IFP	41.0	100	.020	50.00	5.00	2.0	50	1.80	65.0
S2065P	65.0	RD101IFP	41.0	200	.020	50.00	5.00	2.0	50	1.80	65.0
S4065P	65.0	RD101IFP	41.0	400	.020	50.00	5.00	2.0	50	1.80	65.0
S6065P	65.0	RD101IFP	41.0	600	.020	50.00	5.00	2.0	50	1.80	65.0

TO-218X/I Package (Note 1)

S0565J	65.0	TO218X/I	41.0	50	.020	50.00	5.00	2.0	50	1.80	65.0
S1065J	65.0	TO218X/I	41.0	100	.020	50.00	5.00	2.0	50	1.80	65.0
S2065J	65.0	TO218X/I	41.0	200	.020	50.00	5.00	2.0	50	1.80	65.0
S4065J	65.0	TO218X/I	41.0	400	.020	50.00	5.00	2.0	50	1.80	65.0
S6065J	65.0	TO218X/I	41.0	600	.020	50.00	5.00	2.0	50	1.80	65.0

70.0 Amps ITrms

TO-218X Package

S0570W	70.0	TO218X	45.0	50	.020	50.00	5.00	2.0	50	1.80	70.0
S1070W	70.0	TO218X	45.0	100	.020	50.00	5.00	2.0	50	1.80	70.0
S2070W	70.0	TO218X	45.0	200	.020	50.00	5.00	2.0	50	1.80	70.0
S4070W	70.0	TO218X	45.0	400	.020	50.00	5.00	2.0	50	1.80	70.0
S6070W	70.0	TO218X	45.0	600	.020	50.00	5.00	2.0	50	1.80	70.0