

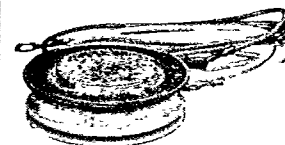
$I_{T(RMS)}$ $T_c=65^\circ\text{C}$ 50% Duty Cycle, Half Sine 1KHz (Amps)	I_{TSM} (Amps $\times 10^3$) 50 Hz 60 Hz		I_{DRM}/I_{RRM} @ Rated V_{DRM}/V_{RRM} and $T_{J(Max)}$ (mA)	I^2t for Fusing @ 8.3 ms ($A^2\text{sec} \times 10^4$)	V_{DRM}/V_{RRM} Range (Volts)	V_{TM} @ I_{TM} $T_J=25^\circ\text{C}$ I_{TM} (Amps) V_{TM} (Volts)		Chip Size (mm)	Junction Temp. Range ($^\circ\text{C}$)	$R_{\theta JC}$ ($^\circ\text{C/W}$)	$t_q(Max)$ @ $T_{J(Max)}$ (μsec)
630	5.5	6	100	14.9	800-1200	400	1.95+	33	-40 to 125	.05	5
630	7300	8000	70	26.6	1000-1200	1250	2.2+	33	-40 to 125	.045	30
630	7300	8000	70	26.6	1000-1200	1250	2.2+	33	-40 to 125	.045	20
630	6400	7000	100	20.3	800-1200	1250	2.8+	33	-40 to 125	.045	8 to 10
650	6800	7500	35	23.4	100-1400	1500	2.3	33	-40 to 125	.06	25 to 50
650	7300	8000	35	26.6	100-1200	1500	3.15	33	-40 to 125	.045	10 to 50
690	7.8	8.5	35	30.1	100-1400	1500	2	33	-40 to 125	.045	25 to 50
700	6.8	7.5	45	23.3	500-1400	1500	2.25	30	-40 to 125	.045	40
700	6.2	6.8	35	19.3	1400-1800	1500	2.2	33	-40 to 125	.045	80 to 100
700	11.8	13	60	70.4	600-2000	1500	2.25	50	-40 to 125	.023	60 to 100
700	7.3	8	45	26.6	100-600	3000	2.5	30	-40 to 125	.06	14
700	7.3	8	45	26.6	100-600	3000	2.5	30	-40 to 125	.06	20
750	6.4	7	35	20.5	100-800	1500	2	33	-40 to 125	.06	10 to 20
770	7.3	8	45	30	2000-2400	1500	2.8	38	-40 to 125	.037	60 to 100
800	13.7	15	60	93.7	600-1200	1500	2.1	50	-40 to 125	.023	20 to 60
850	7.8	8.5	35	30.1	100-800	3000	2.4	33	-40 to 125	.045	10 to 20
900	7.3	8	45	26.6	100-700	3000	2.5	30	-40 to 125	.04	14
900	7.3	8	45	26.6	100-700	3000	2.5	30	-40 to 125	.04	20
900	7.7	8.5	45	30.1	100-1200	1500	2.2	38	-40 to 125	.037	15-50
950	9.1	10	45	41.5	500-1300	3000	2.9	40	-40 to 125	.04	17
950	9.1	10	45	41.5	500-1200	2000	2.9	40	-40 to 125	.04	40
950	9.1	10	45	41.5	500-1200	2000	2.9	40	-40 to 125	.04	25
950	8.2	9	35	33.8	100-800	1500	1.55	33	-40 to 125	.045	20 to 40

* = 25 $^\circ\text{C}$ Value ° = Tentative Specifications + = Rating at $T_{J(Max)}$

$Q_{rr(Max)}$ @ $T_J = 25^\circ\text{C}$ (μcoul)	Min di/dt Repetitive on-State (A/ μsec)	Min Critical dv/dt @ $T_J(Max)$ (V/ μsec)	Max V_{GT} (V)	Max I_{GT} (mA)	PACKAGE INFORMATION			
					Max Mounting Force or Torque	STYLE	Outline	TYPE NO.
—	1000	200	4*	350*	<u>4000 lbs</u> 17.8 KN	Press Pak	18 x 85 mm	°FT500HZ
120	800	200	2.5*	250*	<u>4000 lbs</u> 17.8 KN	Press Pak	18 x 85 mm	°FT500EX
120	800	200	2.5*	250*	<u>4000 lbs</u> 17.8 KN	Press Pak	18 x 85 mm	°FT500EY
—	1000	200	2.5*	250*	<u>4000 lbs</u> 17.8 KN	Press Pak	18 x 85 mm	°FT500GZ
—	600	300	3*	150*	<u>2400 lbs</u> 10.7 KN	Press Pak	T72	T72H ___ 45
—	600	300	3*	150*	<u>2400 lbs</u> 10.7 KN	Press Pak	T7S	T7SH ___ 40
—	600	300	3*	150*	<u>2400 lbs</u> 10.7 KN	Press Pak	T7S	T7SH ___ 45
150	500	200	5	400	<u>2500 lbs</u> 11.1 KN	Press Pak	TO-200AB	C477
—	400	300	3*	150*	<u>2400 lbs</u> 10.7 KN	Press Pak	T7S	T7SH ___ 46
—	600	400	3*	300*	<u>5500 lbs</u> 24.5 KN	Press Pak	T9G	T9GH ___ 09
—	500	200	5	400	<u>2000 lbs</u> 8.9 KN	Press Pak	TO-200AC	C394
—	500	200	5	400	<u>2000 lbs</u> 8.9 KN	Press Pak	TO-200AC	C395
—	500	300	3*	150*	<u>2400 lbs</u> 10.7 KN	Press Pak	T72	T72H ___ 40
125	400	400	3*	200*	<u>4000 lbs</u> 17.8 KN	Press Pak	T82	T82F ___ 60
—	500	400	3*	300*	<u>5500 lbs</u> 24.5 KN	Press Pak	T9G	T9GH ___ 10
—	500	300	3*	150*	<u>2400 lbs</u> 10.7 KN	Press Pak	T7S	T7SH ___ 50
—	500	200	5	400	<u>2500 lbs</u> 11.1 KN	Press Pak	TO-200AB	C434
—	500	200	5	400	<u>2500 lbs</u> 11.1 KN	Press Pak	TO-200AB	C435
125	400	400	3*	200*	<u>4000 lbs</u> 17.8 KN	Press Pak	T82	T82F ___ 65
250	500	400	5	400	<u>3500 lbs</u> 15.6 KN	Press Pak	TO-200AC	C446
150	500	400	5	400	<u>3500 lbs</u> 15.6 KN	Press Pak	TO-200AC	C447
150	500	400	5	400	<u>3500 lbs</u> 15.6 KN	Press Pak	TO-200AC	C448
—	600	300	3*	150*	<u>2400 lbs</u> 10.7 KN	Press Pak	T7S	T7SH ___ 60



JEDEC TO-94



JEDEC TO-200AB