


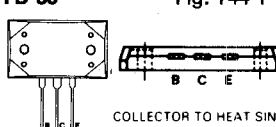
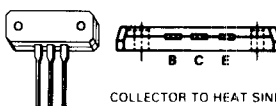
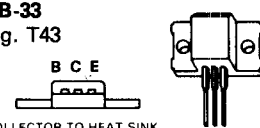
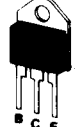


# Silicon Power Transistors (cont'd)

Breakdown Voltage		Type		Application	Collector Current $I_c$ (A)	Collector Diss. PD (W)	Current Gain $h_{FE}$	Freq in MHz $f_t$	Package
BVCBO	BVCEO	NPN	PNP						Case/Basing
200	200	ECG2328	ECG2329	HV AF Pwr Amp	15	150	55 min	30	<b>TO-3PL</b> Fig. T48-2  Collector to Heat Sink
1500	800	ECG2365	---	Horiz Output, HV, Sw, $t_f = .2 \mu s$ (max)	12	180	8 min	---	
80	40	ECG237	---	RF Pwr Output	3	10	10 min	150 min	<b>TO-39HS</b> Fig. T24 
60	60	ECG224	---	RF Pwr Output	2	10	60 typ	200	<b>TO-39F</b> Fig. T23 
450	350	ECG225	---	Gen Purp, Pwr Amp	1	10	40 min	15	
200	200	ECG92	ECG93	Hi Pwr AF PO	15	150	120 typ	20	<b>TB-35</b> Fig. T44-1 
200	200	ECG58	ECG59	Hi Pwr AF PO	17	200	20 min	20	
160	160	ECG33	ECG34	Hi Pwr AF PO	15	150	120 min	80	<b>TB-34</b> Fig. T44 
150	120	---	ECG381	Gen Purp, Pwr Amp	7	80	60 typ	9	<b>TB-33</b> Fig. T43 
100	100	ECG390	ECG391	Hi Speed Sw, Amp, $t_{off} = 1 \mu s$ (typ)	10	80	40 min	3	<b>TO-3P (TO-218)</b> Fig. T48  Collector to Heat Sink
100	100	ECG392	ECG393	Hi Speed Sw, Amp, $t_{off} = .7 \mu s$ (typ)	25	125	25 min	3	
160	160	ECG2305	ECG2306	Power Amp, Sw, $t_f = 1.2 \mu s$ (typ)	16	125	60 min	1 min	
500	400	ECG394	---	HV Pwr Amp, Sw, $t_{off} = 5 \mu s$ (typ)	3	100	30 min	2.5	
1000	450	ECG2310	---	HV Hi Speed Sw, $t_f = .8 \mu s$ (max)	8	125	10 min	---	
1000	450	ECG2311	---	HV Hi Current Hi Speed Sw, $t_f = .3 \mu s$ (typ)	15	150	10	---	
1500	700	ECG2300	---	HV Horiz Output, Sw, $t_f = .7 \mu s$ (typ)	8	125	5	7	
1500	700	ECG2318	---	HV, Horiz Output w/Damper Diode, $t_f = .7 \mu s$ (typ)	8	125	5 typ	7	
1500	750	ECG2301	---	HV Horiz Output, Sw, $t_f = .4 \mu s$ (typ)	5	100	5	4	

Package Outlines - See Page 1-78