

Transistors (cont'd) (Maximum Ratings at $T_C = 25^\circ\text{C}$ Unless Otherwise Noted)

ECG Type	Description and Application	Collector To Base Volts BV_{CBO}	Collector To Emitter Volts BV_{CEO}	Base to Emitter Volts BV_{EBO}	Max. Collector Current I_C Amps	Max. Device Diss. P_D Watts	Freq. in MHz f_t	Current Gain h_{FE}	Package	
									Case	Fig. No.
ECG2315	NPN-Si, Darlington w/Damper Diode, HV Hi Speed Sw, $t_f = .2 \mu\text{sec typ}$	400	200	6	8	60	---	100 min	TO-220	T41
ECG2316	NPN-Si, Darlington Driver w/Damper Diode, HV Pwr Amp	500	450	5	10	105	---	100 min	TO-3P (TO-218)	T48
ECG2317	NPN-Si, Darlington Driver w/Damper Diode, HV Hi Current Amp	500	450	5	15	105	---	40 min	TO-3P (TO-218)	T48
ECG2318	NPN-Si, HV, Horiz Output w/Damper Diode, $t_f = .7 \mu\text{sec typ}$	1500 (CES)	700	6	8	125	7	5 typ	TO-3P (TO-218)	T48
ECG2319	NPN-Si, HV, Hi Speed Sw, Hi Current, $t_f = .27 \mu\text{sec typ}$	850 (CES)	450	5	15	175	---	6 min	TO-3	T28
ECG2320	NPN/PNP-Si, Quad Discrete Compl Pair, Sw, $t_{on} = 30 \text{ ns}$, $t_{off} = 225 \text{ ns typ}$	60	30	5	.5	1 unit 3 total	350	100 min	14-Pin DIP	T66
ECG2321	NPN-Si, Quad Gen Purp Amp, Sw, $t_{on} = 25 \text{ ns}$, $t_{off} = 250 \text{ ns typ}$	60	40	5	.5	.65 unit 1.9 total	350	100 min	14-Pin DIP	T66
ECG2322	PNP-Si, Quad Gen Purp Amp Sw, $t_{on} = 30 \text{ ns}$, $t_{off} = 225 \text{ ns typ}$	60	40	5	.5	.65 unit 1.9 total	350	100 min	14-Pin DIP	T66
ECG2323	NPN-Si, Quad HV Amp, Driver	200	200	5	.5	.75 unit 1.7 total	80	60	14-Pin DIP	T66
ECG2324	NPN-Si, HV, Sw, Horiz Out $t_f = .2 \mu\text{sec max}$	1500	800	6	8	150	---	8 min	TO-3PJ	T48-1
ECG2325	NPN-Si, HV, Hi Speed Sw, $t_f = .7 \mu\text{sec typ}$	900	800	7	3	50	15	10 min	TO-220	T41
ECG2326	NPN-Si, Darlington w/Damper Diode, Sw, $t_f = 1.2 \mu\text{sec typ}$	150	100	7	8	40	---	3K min	TO-220F	T42-1
ECG2327	NPN-Si, HV, Hi Speed Sw, $t_f = .4 \mu\text{sec typ}$	1000	450	5	.5	20	20	50 typ	TO-126	T45
ECG2328	NPN-Si, HV AF Pwr Amp (Compl to ECG2329)	200	200	5	15	150	30	55 min	TO-3PL	T48-2
ECG2329	PNP-Si, HV AF Pwr Amp (Compl to ECG2328)	200	200	5	15	150	30	55 min	TO-3PL	T48-2
ECG2330	NPN-Si, Hi Gain Amp, Regulator w/Int. Zener Cntrl	55 + 15 - 10	55 + 15 - 10	5	4	80	---	500 min	TO-3PJ	T48-1
ECG2331	NPN-Si, HV, Horiz Sw with Damper Diode, $t_f = .3 \mu\text{sec max}$	1500	800	6	6	60	---	8 min	TO-3PM	T48-3
ECG2332	NPN-Si, Darlington w/Damper Diode, Int. Zener Cntrl, Drvr, Sw, $t_f = .5 \mu\text{sec}$	60 ± 10	60 ± 10	6	2	20	180	4K typ	TO-220	T41
ECG2333	NPN-Si, HV, Hi Speed, Sw, $t_f = .8 \mu\text{sec max}$	1000	450	9	8	125	---	10	TO-220	T41
ECG2334	NPN-Si, Darlington w/Damper Diode, Int. Zener Cntrl, Drvr, Sw, $t_f = 1.5 \mu\text{sec}$	60 ± 10	60 ± 10	6	5	40	20	4K typ	TO-220	T41
ECG2335	NPN-Si, Darlington, Int. Zener Cntrl	60 ± 15	60 ± 15	6	5	80	---	2K min	TO-3PJ	T48-1
ECG2336	NPN-Si, Darlington w/Damper Diode, Int. Zener Cntrl, Drvr, Sw, $t_f = 1 \mu\text{sec}$	60 ± 10	60 ± 10	7	8	45	---	2K min	TO-220J	T41-1
ECG2337	NPN-Si, HV, Hi Speed Sw, $t_f = .3 \mu\text{sec max}$	900	500	7	7	40	---	8	TO-220J	T41-1
ECG2338	NPN-Si, Darlington w/Damper Diode, Int. Zener Cntrl, Drvr, Sw, $t_f = 1 \mu\text{sec}$	60 ± 10	60 ± 10	8	2	10	---	4K min	TO-126	T45
ECG2339	NPN-Si, HV, Hi Speed Sw, $t_f = .3 \mu\text{sec max}$	1000	800	7	3	40	---	8	TO-220J	T41-1

Notes: * MP - Matched pair

Frequency at which common emitter current gain is 70.0% of low frequency gain

• When alternate packages are shown it indicates a change is in progress. Although only one package is available both packages will be shown as long as the obsolete package may be encountered in the field.

Package Outlines - See Page 1-78