

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 _{CB0}	Collector To Emitter Volts BV _{CEO}	Base to Emitter Volts BV _{EB0}	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 μsec 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 μsec 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 μsec typ	850 (CES)	450	5	15	175	---	6 min	TO-3	T28
ECG2320	NPN/PNP-Si, Quad Discrete Compl Pair, Sw, ton = 30 ns, toff = 225 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, ton = 25 ns, toff = 250 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, ton = 30 ns, toff = 225 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 μsec max	1500	800	6	8	150	---	8 min	TO-3PJ	T48-1
ECG2325	NPN-Si, HV, Hi Speed Sw, t _f = .7 μsec typ	900	800	7	3	50	15	10 min	TO-220	T41
ECG2326	NPN-Si, Darlington w/Damper Diode, Sw, t _f = 1.2 μsec typ	150	100	7	8	40	---	3K min	TO-220F	T42-1
ECG2327	NPN-Si, HV, Hi Speed Sw, t _f = .4 μsec 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 μsec 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 μsec	60 ± 10	60 ± 10	6	2	20	180	4K typ	TO-220	T41
ECG2333	NPN-Si, HV, Hi Speed, Sw, t _f = .8 μsec 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 μsec	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 μsec	60 ± 10	60 ± 10	7	8	45	---	2K min	TO-220J	T41-1
ECG2337	NPN-Si, HV, Hi Speed Sw, t _f = .3 μsec 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 μsec	60 ± 10	60 ± 10	8	2	10	---	4K min	TO-126	T45
ECG2339	NPN-Si, HV, Hi Speed Sw, t _f = .3 μsec 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 1-91

6653928 0009153 9T0