

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 _{CE0}	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.
ECG229	NPN-Si, VHF Osc, Mix, IF Amp	40	40	4	50 mA	.425 (T _A = 25°C)	600	30 min	TO-92	T16
ECG232	PNP-Si, Darlington Amp	30	30	8	.3	.625 (T _A = 25°C)	175	50,000 typ	TO-92	T16
ECG233	NPN-Si, Final Video IF	30	30	3	.1	.625 (T _A = 25°C)	300	45 typ	TO-92	T16
ECG234	PNP-Si, Lo Noise, Hi Gain AF Preamp	60	50	5	50 mA	.200 (T _A = 25°C)	80 min	400	TO-92	T16
ECG235	NPN-Si, Final RF Pwr Output (P _o 5 W, 50 MHz)	65	65 (CER)	4	3 pulse	12	200 min	40 min	TO-220	T41
ECG236	NPN-Si, Final RF Pwr Output (P _o 13 W, 50 MHz, SSB)	70	70 (CER)	4	8 pulse	25	100	20 min	TO-220	T41
ECG237	NPN-Si, Final RF Pwr Output (P _o 3 W, 27 MHz)	80	40	5	3	10	150 min	10 min	TO-39HS	T24
ECG238	NPN-Si, Horizontal Output	1500	1500 (CER)	5	7	50	---	5	TO-3	T28
ECG240	PNP-Si, HV AF Amp, Video Output (Compl to ECG191)	300	300	5	.5	10 (T _C = 25°C) 1 (T _A = 25°C)	60 min	40 typ	TO-202N	T36
ECG241	NPN-Si, AF Pwr, Sw (Compl to ECG242)	80	80	5	4	60	2	25 min	TO-220	T41*
ECG242	PNP-Si, AF Pwr, Sw (Compl to ECG241)	80	80	5	4	60	2	25 min	TO-220	T41*
ECG243	NPN-Si, Darlington Pwr Amp (Compl to ECG244)	80	80	5	8	100	---	3000 typ	TO-3	T28
ECG244	PNP-Si, Darlington Pwr Amp (Compl to ECG243)	80	80	5	8	100	---	3000 typ	TO-3	T28
ECG245	NPN-Si, Darlington Pwr Amp (Compl to ECG246)	80	80	5	10	150	---	4000 typ	TO-3	T28
ECG246	PNP-Si, Darlington Pwr Amp (Compl to ECG245)	80	80	5	10	150	---	4000 typ	TO-3	T28
ECG247	NPN-Si, Darlington Pwr Amp (Compl to ECG248)	100	100	5	12	150	---	3500 typ	TO-3	T28
ECG248	PNP-Si, Darlington Pwr Amp (Compl to ECG247)	100	100	5	12	150	---	3500 typ	TO-3	T28
ECG249	NPN-Si, Darlington Pwr Amp (Compl to ECG250)	100	100	5	16	150	---	3500 typ	TO-3	T28
ECG250	PNP-Si, Darlington Pwr Amp (Compl to ECG249)	100	100	5	16	150	---	3500 typ	TO-3	T28
ECG251	NPN-Si, Darlington Pwr Amp (Compl to ECG252)	100	100	5	20	160	---	2400 typ	TO-3	T28
ECG252	PNP-Si, Darlington Pwr Amp (Compl to ECG251)	100	100	5	20	160	---	2400 typ	TO-3	T28
ECG253	NPN-Si, Darlington Pwr Amp (Compl to ECG254)	80	80	5	4	40	---	2000 typ	TO-126	T45
ECG254	PNP-Si, Darlington Pwr Amp (Compl to ECG253)	80	80	5	4	40	---	2000 typ	TO-126	T45
ECG255	NPN-Si, Horiz Driver, Amp, Sw	325	300	6	1	1	30 min	30 min	TO-237	T17
ECG256	NPN-Si, Darlington w/ Damper Diode, Hi Speed Sw, Hi Current, t _f = 150 nsec	450	400	8	20	150	---	30 min	TO-3P (TO-218)	T48
ECG257	NPN-Si, Darlington Pwr Amp (Compl to ECG258)	80	80	5	5	70	---	750 min	TO-127	T46
ECG258	PNP-Si, Darlington Pwr Amp (Compl to ECG257)	80	80	5	5	70	---	750 min	TO-127	T46
ECG259	NPN-Si, Darlington Pwr Amp (Compl to ECG260)	100	100	5	8	75	---	2500 typ	TO-127	T46

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