

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.
ECG350	NPN-Si, RF PO, 136-174 MHz, 15 W	36	18	4	2.5	31	---	5 min	RF-38S	T53
ECG350F	NPN-Si, RF PO, 136-174 MHz, 15 W	36	18	4	2.5	31	---	5 min	RF-38F	T57
ECG351	NPN-Si, RF PO, 136-174 MHz, 25 W	36	18	4	4	65	---	5 min	RF-38S	T53
ECG352	NPN-Si, RF PO, 136-174 MHz, 80 W	36	18	4	20	250	---	35 typ	RF-50F6	T60
ECG353	PNP-Si, RF PO, 136-174 MHz, 4 W	36	18	4	1	8	---	5 min	RF-38F	T57
ECG354	PNP-Si, RF PO, 136-174 MHz, 15 W	36	18	4	2.5	20	---	5 min	RF-38F	T57
ECG355	PNP-Si, RF PO, 136-174 MHz, 30 W	36	18	4	4	40	---	5 min	RF-38F	T57
ECG356	PNP-Si, RF PO, 136-174 MHz, 40 W	36	18	4	6	60	---	5 min	RF-38F	T57
ECG357	NPN-Si, RF PO, 30-200 MHz, 7 W	65	35	4	1	15	---	5 min	RF-38SM	T51
ECG359	NPN-Si, RF PO, 30-200 MHz, 20 W	65	35	4	3	30	---	5 min	RF-38S	T53
ECG380	NPN-Si, RF PO, 30-200 MHz, 40 W	65	35	4	5	60	---	5 min	RF-38S	T53
ECG381	NPN-Si, RF PO, 407-512 MHz, 2 W	36	16	4	.4	5	---	20 min	TO-39EC	T7*
ECG382	NPN-Si, RF PO, 407-512 MHz, 2 W	36	16	4	.4	5	---	20 min	RF-28S	T52
ECG383	NPN-Si, RF PO, 407-512 MHz, 4 W	36	16	4	.8	15	---	20 min	RF-28S	T52
ECG384	NPN-Si, RF PO, 407-512 MHz, 10 W	36	16	4	2	37.5	---	20 min	RF-28S	T52
ECG385	NPN-Si, RF PO, 407-512 MHz, 15 W	36	16	4	3	50	---	30 min	RF-50F6	T60
ECG386	NPN-Si, RF PO, 407-512 MHz, 25 W	36	16	4	5	75	---	20 min	RF-50F6	T60
ECG387	NPN-Si, RF PO, 407-512 MHz, 45 W	36	16	4	8	175	---	20 min	RF-50F6	T60
ECG388	NPN-Si, RF PO, 407-512 MHz, 60 W	36	16	4	10	233	---	20 min	RF-50F6	T60
ECG389	NPN-Si, Vert Out, Sw, AF Amp	800	400	6	3.0 peak	40	7	30 min	TO-66	T25
ECG373	NPN-Si, AF Driver (Compl to ECG374)	180	160	5	1.5	1 (T _A = 25°C) 20 (T _C = 25°C)	140	100 typ	TO-126	T45
ECG374	PNP-Si, AF Driver (Compl to ECG373)	180	160	5	1.5	1 (T _A = 25°C) 20 (T _C = 25°C)	140	100 typ	TO-126	T45
ECG375	NPN-Si, Vert Defl, AF Amp (Compl to ECG398)	200	150	6	3	25	8	150 typ	TO-220	T41
ECG376	NPN-Si, Pwr Amp	300	300	5	.15	1.5 (T _A = 25°C) 15 (T _C = 25°C)	80	100 typ	TO-220	T41
ECG377	NPN-Si, Pwr Driver, PO, Sw, Reg (Compl to ECG378)	80	80	5	10	50	50	60 min	TO-220	T41

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