Transistors (cont'd) (Maximum Ratings at $T_C = 25°C$ 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.
ECG2415	PNP-Si, Digital w/Base Resistor (10K), Sw, Driver (Compl to ECG2414)	50	50	10	.100	.200	250	30 min	SOT-23	T20-4
ECG2416	NPN-Si, Digital w/Base Resistor (22K), Sw, Driver (Compl to ECG2417)	50	50	10	.100	.200	250	50 min	SOT-23	T20-4
ECG2417	PNP-Si, Digital w/Base Resistor (22K), Sw, Driver (Compl to ECG2416)	50	50	10	.100	.200	250	50 min	SOT-23	T20-4
ECG2418	NPN-Si, Digital w/Base Resistor (47K), Sw, Driver, (Compl to ECG2419)	50	50	10	.100	.200	250	65 min	SOT-23	T20-4
ECG2419	PNP-Si, Digital w/Base Resistor (47K), Sw, Driver, (Compl to ECG2418)	50	50	10	.100	.200	250	65 min	SOT-23	T20-4
ECG2426	NPN-Si, Darlington Driver, Sw, $t_{off} = 1.5$ μsec (Compl to ECG2427)	90	80 (CER)	5	.500	1	---	2K min	SOT-89	T20-5
ECG2427	PNP-Si, Darlington Driver, Sw, $t_{off} = 1.5$ μsec (Compl to ECG2426)	90	80 (CER)	5	.500	1	---	2K min	SOT-89	T20-5
ECG2428	NPN-Si, Gen Purp Amp, Sw, $t_{off} = 1.0$ μsec (Compl to ECG2429)	90	80	5	1	1	100	100 min	SOT-89	T20-5
ECG2429	PNP-Si, Gen Purp Amp, Sw, $t_{off} = 0.7$ μsec (Compl to ECG2428)	90	80	5	1	1	100	100 min	SOT-89	T20-5
ECG2430	NPN-Si, HV, Gen Purp Amp (Compl to ECG2431)	400	350	5	1	1	70	40 min	SOT-89	T20-5
ECG2431	PNP-Si, HV, Gen Purp Amp (Compl to ECG2430)	350	300	4	1	1	15	30 min	SOT-89	T20-5
ECG2501	NPN-Si, Hi Freq, Video Out (Compl to ECG2502)	300	300	5	.1	7	150	100 min	TO-126M	T69
ECG2502	PNP-Si, Hi Freq, Video Out (Compl to ECG2501)	300	300	5	.1	7	150	100 min	TO-126M	T69
ECG2503	NPN-Si, Gen Purp Amp, Hi Gain, Sw, $t_f = .06$ μsec Typ	30	25	15	.7	.6	270	800 min	TO-92	T16
ECG2504	NPN-Si, Gen Purp, Hi Gain Amp, Sw, $t_f = .1$ μsec Typ	30	25	15	2	15	260	1500 typ	TO-126M	T67
ECG2505	NPN-Si, Gen Purp Amp, Hi Gain, Sw, $t_f = .1$ μsec Typ	30	25	15	2	1	260	1000 min	M-71	T20-3

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