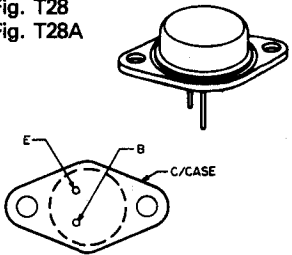
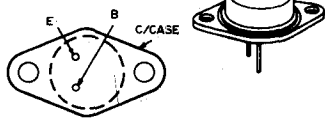


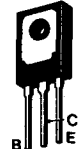

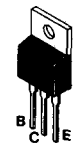




Darlington Power Transistors Maximum Ratings at $T_c = 25^\circ\text{C}$

Description		Collector To Base Volts BV _{CB0}	Collector To Emitter Volts BV _{CE0}	Emitter To Base Volts BV _{EB0}	Max. Collector Current I _C Amps	Max. Base Current I _B mA	Max. Device Diss. P _D Watts	Typ Current Gain h _{FE}	NPN/PNP Equivalent Circuit	Package
NPN	PNP									Case/Fig./Basing
ECG243	ECG244	80	80	5	8	120	100	3,000	A/B	TO-3 Fig. T28 Fig. T28A 
ECG245	ECG246	80	80	5	10	200	150	4,000	A/B	
ECG247	ECG248	100	100	5	12	200	150	3,500	A/B	
ECG249	ECG250	100	100	5	16	500	150	3,500	A/B	
ECG251	ECG252	100	100	5	20	500	160	2,400	A/B	
ECG2349	ECG2350	120	120	5	50	2000	300	1,000 min	A/B	
ECG97	---	500	400	8	10	2500	150	40 min	G	
ECG99	---	600	400	8	50	10,000	250	25 min	G	
ECG98	---	700	500	8	20	2500	175	40 min	G	
ECG274	ECG275	80	80	5	4	80	50	3,000	A/B	TO-66 Fig. T25 
ECG256	---	450	400	8	20	2500	150	30 min	G	TO-3P (TO-218) Fig. T48 TAB CONNECTS TO COLLECTOR 
ECG270	ECG271	100	100	5	10	500	125	1,000 min	E/F	
ECG2316	---	500	450	5	10	5000	105	100 min	A	
ECG2317	---	500	450	5	15	1000	105	40 min	A	
ECG214	---	70	60	6	10	---	60	2,000 min	A	TO-3PJ Fig. T48-1 TAB CONNECTS TO COLLECTOR 
ECG215	---	110	100	6	8	---	60	1,500 min	A	
ECG2335	---	60 ± 15	60 ± 15	6	5	---	80	2,000 min	J	
ECG257	ECG258	80	80	5	5	100	70	750 min	A/B	TO-127 Fig. T46 METAL CONTACT CONNECTS TO COLLECTOR 
ECG259	ECG260	100	100	5	8	120	75	2,500	A/B	
ECG2326	---	150	100	7	8	800	40	3,000 min	A	TO-220F Fig. T42-1 METAL CONTACT CONNECTS TO COLLECTOR 
ECG2332	---	60 ± 10	60 ± 10	6	2	400	20	4,000 typ	H	TO-220 Fig. T41 TAB CONNECTS TO COLLECTOR 
ECG2334	---	60 ± 10	60 ± 10	6	5	500	40	4,000 typ	H	
ECG261	ECG262	100	100	5	8	250	65	1,000 min	A/B	
ECG263	ECG264	100	100	5	10	250	65	1,000 min	A/B	
ECG2343	ECG2344	120	120	5	10	500	125	1,000 min	A/B	
ECG2315	---	400	200	6	8	2000	60	100 min	G	
ECG2336	---	60 ± 10	60 ± 10	7	8	---	45	2,000 min	I	TO-220J Fig. T41-1 
ECG2338	---	60 ± 10	60 ± 10	8	2	200	10	4,000 min	H	TO-126 Fig. T45 METAL CONTACT CONNECTS TO COLLECTOR 
ECG253	ECG254	80	80	5	4	100	40	2,000	A/B	

Package Outlines - See Page 1-78