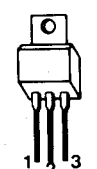
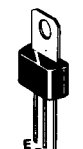
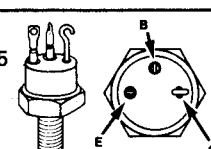
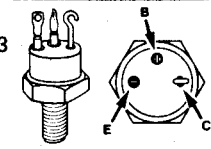
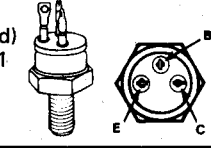
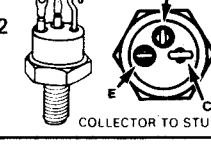
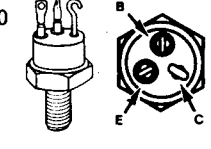


# Silicon Power Transistors (cont'd)

Breakdown Voltage		Type		Application	Collector Current $I_c$ (A)	Collector Diss. PD (W)	Current Gain hFE	Freq in MHz ft	Package												
BVCBO	BVCEO	NPN	PNP						Case/Basing												
100	50	ECG302	---	RF Driver, Pwr Amp	1.5 peak	8	200 min	80	<b>TO-202J</b> Fig. T37 <table border="1"> <tr> <td>ECG</td> <td>1</td> <td>2</td> <td>3</td> </tr> <tr> <td>302</td> <td>E</td> <td>B</td> <td>C</td> </tr> <tr> <td>306</td> <td>B</td> <td>C</td> <td>E</td> </tr> </table> 	ECG	1	2	3	302	E	B	C	306	B	C	E
ECG	1	2	3																		
302	E	B	C																		
306	B	C	E																		
100	50	ECG306	---	RF Driver, Pwr Amp	1.5 peak	8	200 min	80													
80	80	ECG188	ECG189	Gen Purp, Pwr Amp	2	10	80 typ	50	<b>TO-202N</b> Fig. T36  TAB CONNECTED TO COLLECTOR												
180	180	ECG190	---	Gen Purp, Pwr Amp, Horiz Driver	1	10	40 min	100													
300	300	ECG191	ECG240	Gen Purp, HV Amp, Video	.5	10	40 typ	60													
150	90	ECG71	---	Hi Current Amp, Fast Sw	20	200	20 min	20	<b>TO-63</b> Fig. T35 												
180	150	ECG70	---	HV Pwr Amp, Sw	50	250	30 min	30 min													
120	100	ECG72	---	Hi Current Amp, Fast Sw, Isolated Stud	10	115	30 min	30	<b>TO-61</b> Fig. T33 												
100	100	ECG96	---	HV Amp, Sw	7	60	60 min	30 min	<b>TO-59 (Isolated)</b> Fig. T31 												
250	250	ECG95	---	HV Amp, Sw	3	70	90 min	40													
100	100	ECG74	---	Gen Purp Amp, Sw	7	60	60 min	30	<b>TO-59</b> Fig. T32  COLLECTOR TO STUD												
100	80	ECG75	---	Hi Pwr Amp, Sw	5	50	40 min	50 min	<b>TO-111</b> Fig. T30 												

Package Outlines - See Page 1-78