

Germanium Transistors (Maximum Ratings at $T_C = 25^\circ\text{C}$ Unless Otherwise Noted)

| Breakdown Voltage | | Type | | Application | Collector Current I_C (A) | Collector Diss. P_D (W) | Current Gain h_{FE} | Freq in MHz f_t | Package Case/Fig./Basing |
|-------------------|------------|---------|---------|---------------------------|-----------------------------|-----------------------------------|-----------------------|-------------------|--------------------------|
| BV_{CBO} | BV_{CEO} | NPN | PNP | | | | | | |
| 40 | 40 | --- | ECG330 | Gen Purp, Pwr Amp | 25 | 170 | 12 typ | --- | TO-36 Fig. T29 |
| 50 | 35 | --- | ECG105 | Gen Purp, Pwr Amp | 15 | 100 | 90 typ | 10 kHz | |
| 75 | 65 | --- | ECG213 | Gen Purp, Pwr Amp | 30 | 170 | 80 typ | 0.27 | |
| 60 | 45 | --- | ECG28 | High Current Gen Purp Amp | 60 | 170 | 120 typ | 2 kHz | TO-68 Fig. T29A |
| 60 | 45 | --- | ECG27 | High Current Gen Purp Amp | 60 | 170 | 120 typ | 2 kHz | TO-3 Fig. T28A |
| 50 | 35 | --- | ECG104 | Gen Purp, Pwr Amp | 7 | 90 | 90 typ | 10 kHz | TO-3 Fig. T28 |
| 65 | 45 | --- | ECG121 | Gen Purp, Pwr Amp | 7 | 30 | 80 typ | 22 kHz | |
| 90 | 90 | --- | ECG179 | Gen Purp, Pwr Amp | 25 | 106 | 55 typ | 0.35 min | |
| 350 | 350 | --- | ECG127 | Horiz Switch, PO | 10 | 40 | 15 min | 1 | |
| 35 | 35 | --- | ECG226 | Gen Purp, Pwr Amp | 2 | 12 | 125 typ | 0.45 | TC-9A Fig. T26 |
| 32 | 20 | ECG155 | ECG131 | Gen Purp, Pwr Amp | 3 peak | 6 TC 63°C | 110 typ | 1 | TC-9 Fig. T27 |
| 25 | 25 | --- | ECG176 | Gen Purp, Pwr Amp | 2 | 6 | 110 typ | 0.7 | TO-39 Fig. T6 |
| 25 | 20 | ECG101 | ECG100 | Gen Purp | 0.3 | 0.15 ($T_A = 25^\circ\text{C}$) | 40 typ | 5 | TO-5 Fig. T5 |
| 30 | 16 | ECG103 | ECG102 | Gen Purp | 0.3 | 0.15 ($T_A = 25^\circ\text{C}$) | 90 typ | 2 | |
| 25 | 25 | --- | ECG126A | Gen Purp | 10 mA | 0.2 ($T_A = 25^\circ\text{C}$) | 60 typ | 250 | TO-18 Fig. T2 |
| 32 | 32 | ECG103A | ECG102A | Gen Purp | 0.5 | 0.9 | 120 typ | 2.3 | TO-1 Fig. T1 |
| 32 | 32 | --- | ECG158 | Gen Purp, Pwr Amp | 1 | 1.6 | 90 typ | 1.5 | |
| 30 | 20 | --- | ECG160 | Gen Purp | 0.01 | 0.2 ($T_A = 25^\circ\text{C}$) | 20 typ | 400 | TO-72 Fig. T4 |

Package Outlines - See Page 1-78