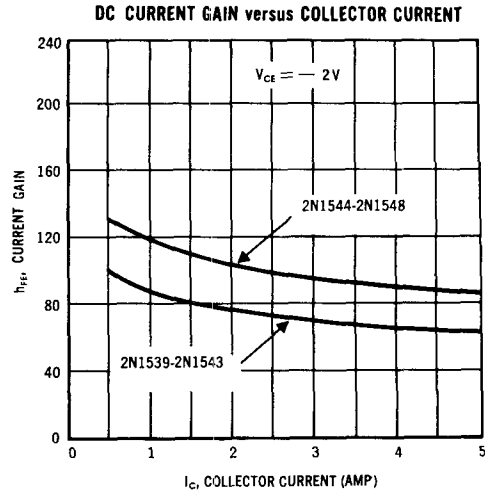
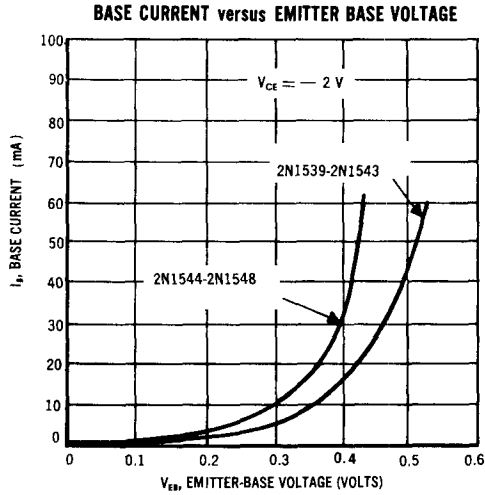
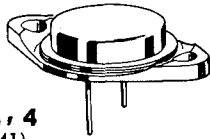


2N1539 thru 2N1548 (continued)



2N1549, A thru 2N1560, A (GERMANIUM)
2N1549A JAN thru 2N1556A JAN
2N1560A JAN AVAILABLE)

$V_{CB} = 40-100\text{ V}$
 $I_C = 15\text{ A}$
 $P_D = 106\text{ W}$



CASE 3, 4
(TO-3, 41)

PNP germanium power transistors for switching and amplifier applications in high-reliability equipment.

For units with solder lugs attached, specify devices MP1549A etc. (TO-41 package)

MAXIMUM RATINGS

Apply to corresponding "Hi-Rel" Series Also

Rating	Symbol	2N1549 2N1553 2N1557	2N1550 2N1554 2N1558	2N1551 2N1555 2N1559	2N1552 2N1556 2N1560	Units
Collector-Emitter Voltage	V_{CEX}	40	60	80	100	Vdc
Collector-Emitter Voltage	V_{CES}^*	30	45	60	75	Vdc
Collector-Emitter Voltage	V_{CEO}^*	20	30	40	50	Vdc
Collector-Base Voltage	V_{CB}	40	60	80	100	Vdc
Emitter-Base Voltage	V_{EB}	20	30	40	50	Vdc
Collector Current (Continuous)	I_C	15	15	15	15	Amp
Collector Current (Peak)	I_C	20	20	20	20	Amp
Collector Junction Temperature	T_J	-65 to +110				$^{\circ}\text{C}$
Collector Dissipation (25 C Case Temp.)	P_D	106	106	106	106	Watts
Thermal Resistance	θ_{JC}	0.8				$^{\circ}\text{C}/\text{W}$

*To avoid excessive heating of collector junction, perform this test with a sweep method.