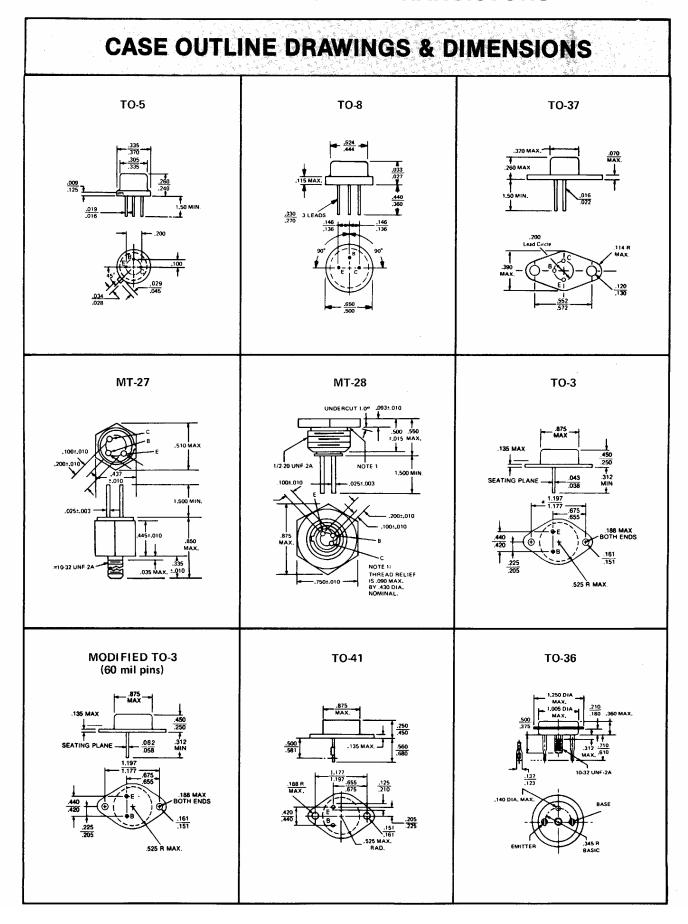
GERMANIUM NPN TRANSISTORS

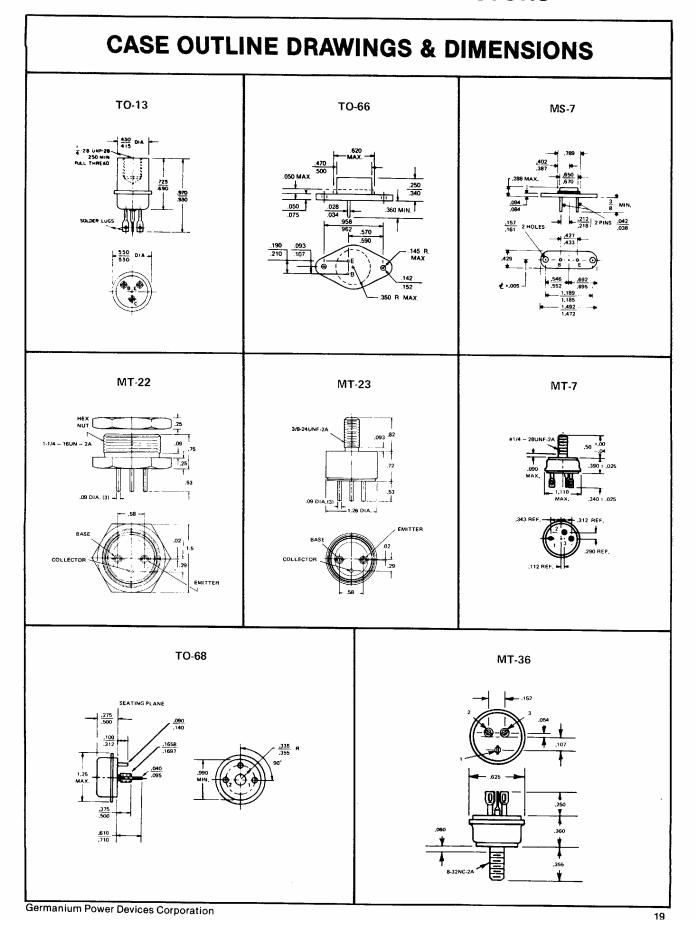
Туре	V _{сво} V Мах	V _{EBO} V Max	V _{CE} V Max	@ V _{CB}	μA Max	h _{re} Typical	@l _c mA	Cob pf Max	fab MHZ Min	Pack Outline	Power Dissipation @25°C MW
				NPI	N						
2N356A 2N357 2N357A 2N358 2N358A	30 20 30 20 30	20 20 20 20 20 20	20 15 20 12 15	30 20 30 20 30	5 5 5 5 5	20 45 25 60 25	100 1.0 200 1.0 300	14 ¹	6.0 9.0	TO-5 TO-5 TO-5 TO-5 TO-5	150 100 150 100 100 150
2N358A 2N366 2N377 2N377A 2N385	30 30 25 40 25	20 15 15 15	15 2 20 25	30 30 25 40 25	25 10 10 20 10	25 65 40 20 60	300 1.0 30 30 30	4.5 20 20 20	3.5 6.0 6.0 6.0	TO-5 OV9 TO-5 TO-5 TO-5	150 150 150 150 150
2N385A 2N388 2N388 2N388A 2N438	40 20 25 40 30	15 15 15 15 25	15 20 20 20	40 20 25 40 30	40 10 10 10 10	70 150 60 60 25	30 30 30 30 1.0	20 20 20 20 20 91	8.0 15 5.0 8.0 2.5	TO-5 TO-5 TO-5 TO-5 TO-5	150 150 150 150 150
2N438A 2N439 2N439A 2N440 2N440A	30 30 30 30 30 30	25 25 25 25 25 25	25 20 20 15 15	30 30 30 30 30 30	10 10 10 10	25 35 35 65 65	1.0 1.0 1.0 1.0 1.0	91 91 91	2.5 5.0 5.0 10.0 10.0	TO-5 TO-5 TO-5 TO-5 TO-5	150 100 150 100 150
2N444 2N444A 2N445 2N446 2N446A	15 40 15 30 30	10 10 10	15 25 12 18 15	15 40 15 30 30	2 5 2 4 4	15 15 35 35 60	1.0 1.0 1.0 1.0	13 ¹	0.5 0.5 2.0 2.0 5.0	TO-5 TO-5 TO-5 TO-5 TO-5	100 150 100 150 150
2N447A 2N587 2N634 2N534A 2N635	30 40 20 25 20	10 40 15 25 15	12 20 15 20 15	30 40 20 25 20	4 50 5 6 5	85 20 15 55 25	1.0 200 200 10 200	30 12¹	9.0 8.0 8.0 12.0	TO-5 TO-5 TO-5 TO-5 TO-5	150 150 150 150 150
2N635A 2N636 2N636A 2N1302 2N1302	25 20 25 25 25 25	25 15 25 25 25 25	20 15 15 25 25	25 20 25 25 25 25	6 5 6 6	100 35 190 20 20	10 200 10 10 10	12 ¹ 12 ¹ 20 20	12.0 17.0 17.0 3.0 3.0	TO-5 TO-5 TO-5 TO-5 TO-5	150 150 150 150 150
2N1304 2N1304 2N1306 2N1306 2N1308	25 25 25 25 25 25 25	25 25 25 25 25 25 25	20 20 15 15 15	25 25 25 25 25 25	6 6 6 6	40-200 40-200 60-300 60-300 80	10 10 10 10	20 20 20 20 20 20	5.0 5.0 10.0 10.0 15.0	TO-5 TO-5 TO-5 TO-5	150 150 150 150 150
2N1308 2N1605 2N1605A 2N1730 2N1732	25 25 40 25 30	25 12 12 20 25	15 2Y 15 30	25 25 40 25 30	6 5 10 6 6	80-400 125 60 30 40	10 20 20 100 10	20 20 20 20 20 20	15.0 4.0 6.0 5.0	TO-5 TO-5 TO-5 TO-5 TO-5	150 150 200 150 150
2N1808 2N1892 2N1993 2N2430	25 30 30 32	20 25 30 10	25 15 15 32	25 30 30 32	5 6 10 10	125 30 50 105	20 2 10 50	13 ¹ 20 20 90	14.0 5.0 3.0 1.5	TO-5 TO-5 TO-5 TO-1	150 150 150 280

Туре	V _{cno} V Max	V _{EBO} V Max	V _{CE} V Max		@ V _{CB} V	ο μΑ Max	h _{FE} Min Max	@I _c mA	Cob pf Max	fab MHZ Min	Pack Outline	Power Dissipation @25°C MW
			GER	MANIUN	A PNP ME	SA TRA	NSISTORS	3				
2N705 2N705A 2N710 2N711	15 15 15 12	3.5 3.5 1.0 1.0	12		5 5 1 5	3.0 3.0 3.0 3.0	25- 25- 25- 25- 20-	10 10 10 10	7.5	300 300 150	TO-18 ¹ TO-18 ¹ TO-18 ¹	3 300 150 300 150
2N711A 2N711B 2N827 2N828	15 18 20 18	1.5 2.0 4.0 2.5	7 7		5 10 15 6	1.5 1.5 5.0 3.0	25- 30- 100- 25-	10 10 10 10	6.0 6.0 9.0	150 150 300	TO-18 ¹ TO-18 ¹ TO-18 ¹	150 150 150 300

GERMANIUM POWER TRANSISTORS



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CASE OUTLINE DRAWINGS & DIMENSIONS NS257 TO-1 Dimensions in mm 38.1^{min} .410 MAX. .050 MAX. SEATING PLANE TO-18 1.500 MIN. (34) 3 LEADS 0.019 DIA .019 (DIM A) 0.030 MAX -.021 MAX (DIM B) - COLLECTOR 0.050 .250 MIN. 0.050 ALL DIMENSIONS ARE MAXIMUM IN INCHES UNLESS OTHERWISE SPECIFIED (34) (34) 2 -- BASE THE COLLECTOR IS ELECTRICAL ALL JEDEC TO-18 DIMENSIONS CONTACT WITH THE CASE. AND NOTES ARE APPLICABLE.



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