

8. GERMANIUM PNP - HIGH POWER TRANSISTORS

IN ORDER OF (1) MIN. DERATING FACTOR
& (2) TYPE No.

LINE No.	TYPE No.	MIN. DERATE J to C (W/C)	MAX. FREE AIR @ 25°C (W)	MAX. P _C (W)	TEMP. RANGE (°C)	ABSOLUTE MAX. RATINGS @ 25°C						MAX. hFE		MIN	MAX	f _{ae} (Hz)	MAX. SAT. RES. (Ω)	tr (s)	STRUCTURE	DWG #	L C O A D E
						I _c (A)	I _b (A)	V _{CB} (V)	V _{EB} (V)	V _{CE} (V)	I _{CB} (A)	V _{CB} (V)	I _C (A)								
1	MP2000B	1.2	106	106	25	25	5.0	2.0	30	200	2.0	8.0	25		430k	24m	11u	ADE	F49c	C	
2	MP2100A†	1.2	106	106	25	25	5.0	2.0	60	200	2.0	8.0	25		430k	24m	11u	DPE	F49c	C	
3	MP2100B	1.2	106	106	25	25	5.0	2.0	60	200	2.0	8.0	25		430k	24m	11u	ADE	F49c	C	
4	MP2200A†	1.2	106	106	25	25	5.0	2.0	80	200	2.0	8.0	25		430k	24m	11u	DPE	F49c	C	
5	MP2200B	1.2	106	106	25	25	5.0	2.0	80	200	2.0	8.0	25		430k	24m	11u	ADE	F49c	C	
6	MP2300A†	1.2	106	106	25	25	5.0	2.0	100	200	2.0	8.0	25		430k	24m	11u	DPE	F49c	C	
7	MP2300B	1.2	106	106	25	25	5.0	2.0	100	200	2.0	8.0	25		430k	24m	11u	ADE	F49c	C	
8	MP2400A†	1.2	106	106	25	25	5.0	2.0	120	200	2.0	8.0	25		430k	24m	11u	DPE	F49c	C	
9	MP2400B	1.2	106	106	25	25	5.0	2.0	120	200	2.0	8.0	25		430k	24m	11u	ADE	F49c	C	
10	PTC105A	1.2			10			100	50	75	20m	2.0	10			100m					C
11	T1366A	1.2	25	25	3.0			60		45	10m	1.0	10			10		A			C
12	T1367A	1.2	25	25	3.0			60		40	20m	1.0	50			15		A			C
13	T1368A	1.2	25	25	3.0			45		25	10m	1.0	10			10		A			C
14	T1369A	1.2	25	25	3.0			45		23	20m	1.0	50			15		A			C
15	T1370A	1.2	25	25	3.0			30		45	20m	1.0	50			15		A			C
16	2N1529A	1.3			#J	5.0	5.0	40	20	30	20m	2.0	3.0		5.0k	50					C
17	2N1530A	1.3			#J	5.0	5.0	40	20	30	20m	2.0	3.0		5.0k	50					C
18	2N1531A	1.3			#J	5.0	5.0	80	40	60	20m	2.0	3.0		5.0k	50					C
19	2N1532A	1.3			#J	5.0	5.0	100	50	75	20m	2.0	3.0		5.0k	50					C
20	2N1534A	1.3			#J	5.0	5.0	40	20	30	20m	2.0	3.0		5.0k	40					C
21	2N1535A	1.3			#J	5.0	5.0	60	30	45	20m	2.0	3.0		5.0k	40					C
22	2N1536A	1.3			#J	5.0	5.0	80	40	60	20m	2.0	3.0		5.0k	40					C
23	2N1537A	1.3			#J	5.0	5.0	100	50	75	20m	2.0	3.0		5.0k	40					C
24	2N2423	1.3			#J	5.0	5.0	100	30	80	5.0m	2.0	2.0								C
25	25B430	1.3	80		#C	20		70	1.0	160	20m	0.0	20		10k		2.0u	D			C
26	B1181	1.3			#J	25		160	2.0	140	10m	1.5	15		2.0M	.03		DA			C
27	CQT1075	1.3	90		#J	25		140	140	70	2.0m	2.0	10		200k			A			C
28	CQT1076	1.3	90		#J	25		115	115	80	2.0m	2.0	15		200k			A			C
29	CQT1077	1.3	90		#J	15		100	100	45	2.0m	2.0	15		200k			A			C
30	DTG1011	1.3			#J	15		200		15m	1.0	10			420k		4.0u	A			C
31	DTG1040	1.3			#J	15	3.0			#	2.0m	2.0	1.0		420k			A			C
32	2N514	1.4	80		#J	25	5.0	40	30	40	8.0m	1.5	25		7.0k	25m		A			C
33	2N514A	1.4	80		#J	25	5.0	40	30	40	8.0m	1.5	25		7.0k	25m		A			C
34	2N514B	1.4	80		#J	25	5.0	80	30	80	8.0m	1.5	25		7.0k	25m		A			C
35	2N5435†	1.4	120		#J	60	12	80	2.5	60	10m	2.0	25			60					C
36	2N5436†	1.4	120		#J	60	12	110	2.5	90	10m	2.0	25			60					C
37	2N5437†	1.4	120		#J	60	12	140	2.5	120	10m	2.0	25			60					C
38	2N5438†	1.4	120		#J	60	12	80	2.5	60	10m	2.0	25			60					C
39	2N5439†	1.4	120		#J	60	12	110	2.5	90	10m	2.0	25			60					C
40	2N5440†	1.4	120		#J	60	12	140	2.5	120	10m	2.0	25			60					C
41	2N5692†	1.4	120		#J	40	12	50	2.5	30	10m	2.0	25			20					C
42	2N5693†	1.4	120		#J	40	12	80	2.5	60	10m	2.0	25			20					C
43	2N5694†	1.4	120		#J	40	12	100	2.5	80	10m	2.0	25			20					C
44	2N5695†	1.4	120		#J	40	12	120	2.5	100	10m	2.0	25			20					C
45	2N5696†	1.4	120		#J	40	12	140	2.5	120	10m	2.0	25			20					C
46	MP5435†	1.4	120		#J	60	12	80	2.5	60	200m	2.0	25		350k	12m	12u	ADE	F49d	C	
47	MP5436†	1.4	120		#J	60	12	110	2.5	90	200m	2.0	25		350k	12m	12u	ADE	F49d	C	
48	MP5437†	1.4	120		#J	60	12	140	2.5	120	200m	2.0	25		350k	12m	12u	ADE	F49d	C	
49	MP5438†	1.4	120		#J	60	12	80	2.5	60	200m	2.0	25		350k	8.3m	12u	ADE	F49d	C	
50	MP5439†	1.4	120		#J	60	12	110	2.5	90	200m	2.0	25		350k	8.3m	12u	ADE	F49d	C	
51	MP5440†	1.4	120		#J	60	12	140	2.5	120	200m	2.0	25		350k	8.3m	12u	ADE	F49d	C	
52	25B410	1.5	40		#J	15		135	5.0	135	25u	1.5	1.0		3.0M			DA			C
53	2N5155†	1.6	60		#J	15	5.0	140	1.5	120	10m	8.0	25		340k	36m	18u				C
54	SDT1960	1.6	140		#J	65	10	60	3.0	60	5.0m	2.0	65		340k	46m	10u				C
55	SDT1961	1.6	140		#J	65	10	60	3.0	60	5.0m	2.0	65		340k	46m	10u				C
56	SDT1962	1.6	140		#J	65	10	40	3.0	30	5.0m	2.0	65		340k	46m	10u				C
57	2N2733†	1.7	66		#C	65	10	80	30	60	5.0m	2.0	25			18u					C
58	2N2734†	1.7	66		#C	65	10	60	30	45	5.0m	2.0	25			18u					C
59	2N2735†	1.7	66		#C	65	10	40	20	30	5.0m	2.0	25			18u					C
60	2N2736	1.7	66		#C	65	10	80	30	60	5.0m	2.0	25			18u					C
61	2N2737	1.7	66		#C	65	10	40	20	45	5.0m	2.0	25			18u					C
62	2N2738	1.7	66		#C	65	10	60	20	30	5.0m	2.0	25			18u					C
63	2G210	2.0			#C	6.0	2.0	60	20	60	1.0m	1.5	5.0		400k	.10		A			C
64	JAN2N174A	2.0	75		#S	1.4	0	80	60	40	15m	2.0	1.2		100k	60m					C
65	2N458B	2.0	150		#J	7.0	3.0	40	30	30	2.0m	1.5	5.0		200k	100m					C
66	JAN2N458B†	2.0	150		#J	7.0	3.0	40	30	30	7.0m	1.5	5.0		200k	100m	20u				C
67	2N457B	2.0	150		#J	7.0	3.0	60	30	40	2.0m	1.5	5.0		200k	100m					C
68	JAN2N457B†	2.0	150		#J	7.0	3.0	60	35	40	7.0m	1.5	5.0		200k	100m	20u				C
69	2N458B	2.0	150		#J	7.0	3.0	80	30	45	2.0m	1.5	5.0		200k	100m					C
70	JAN2N458B†	2.0	150		#J	7.0	3.0	80	40	45	7.0m	1.5	5.0		200k	100m	20u				C
71	2N511	2.0			#J	25	5.0	40	30	20	5.0m	2.0	10		2.0k	500m					C
72	2N511A	2.0			#J	25	5.0	60	30	30	5.0m	2.0	10		2.0k	500m					C
73	2N511B	2.0			#J	25	5.0	80	30	40	5.0m	2.0	10		2.0k	64m					C
74	2N512	2.0			#J	25	5.0	40	30	20	5.0m	2.0	15		2.0k	500m					C
75	2N512A	2.0			#J	25	5.0	60	30	30	5.0m	2.0	15		2.0k	500m					C
76	2N512B	2.0			#J	25	5.0	80	30	40	5.0m	2.0	15		2.0k	64m					C
77	2N513	2.0			#J	25	5.0	40	30	20	5.0m	2.0	20		2.0k	500m					C
78	2N513A	2.0			#J	25	5.0	60	30	30	5.0m	2.0	20		2.0k	500m					C
79	2N513B	2.0			#J	25	5.0	80	30	40	5.0m	2.0	20		2.0k	64m					C
80	2N1021A	2.0	1																		