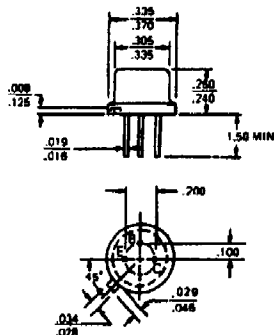


GERMANIUM PNP SMALL SIGNAL TRANSISTORS

Type	V_{CE0} V Max	V_{E0} V Max	V_{CE} V Max	I_{CE} @ V_{CE} V	I_{CE} μA Max	h_{FE} Min Max	@ I_{CE} mA	C_{ob} pf Max	f_{β} MHz Min	Outline*	Power Dissipation @ 25°C MW
2N465	45	12	30	20	15	27-45	1		0.8†	TO-5	150
2N466	35	12	20	20	15	56-90	1		1.0†	TO-5	150
2N467	35	12	15	20	15	112-180	1		1.2†	TO-5	150
2N508	20	10	18	20	6	99-198	20	35	2.5	TO-5	200
2N508A	30	10	25	25	7	100-200	20	35	2.5		200
2N522	15	10	8	15	2	120	1		15.0	TO-5	100
2N524	30	15	30	30	10	25-42	20	40	0.8	TO-5	225
2N525	45	15	30	30	10	34-65	20	40	1.0	TO-5	225
2N526	45	15	30	30	10	53-90	20	40	1.3	TO-5	225
2N527	45	15	30	30	10	72-121	20	40	1.5	TO-5	225
2N580	20	12	15	20	5	30	400	30	10.0	TO-5	120
2N581	18	10	15	15	6	20	20	30	4.0	TO-5	80
2N650	45	30	30	30	10	33	10	25	0.75	TO-5	200
2N651	45	30	30	30	10	45	10	25	1.0	TO-5*	200
2N652	45	30	30	30	10	80	10	25	1.25	TO-5	200
2N653	30	25	25	25	15	20	10	25	1.5†	TO-5	200
2N654	30	25	25	25	15	40	10	25	2.0†	TO-5	200
2N655	30	25	25	25	15	70	10	25	2.5†	TO-5	200
2N658	25	12	16	25	25	25-80	10	12	2.5	TO-5	167
2N659	25	12	14	25	25	40-110	10	12	5.0	TO-5	167
2N660	25	12	11	25	25	60-150	10	12	10.0	TO-5	167
2N661	25	12	9	25	25	75	10	12	15.0	TO-5	167
2N662	25	12	11	25	25	30	10	12	4.0	TO-5	167
2N1057	45	5	45	45	16	34-90	20	60	0.5	R-32	240
2N1097	16	5	18	16	16	34-90	20	35	1.0	TO-5	200
2N1098	18	5	18	16	16	25-90	20	35	1.0	TO-5	200
2N1144	16		16	16	16	34-90	20	40	1.0	R-32	175

TO-5



NJ Semi-Conductors reserves the right to change test conditions, parameters limits and package dimensions without notice information furnished by NJ Semi-Conductors is believed to be both accurate and reliable at the time of going to press. However NJ Semi-Conductors assumes no responsibility for any errors or omissions discovered in its use. NJ Semi-Conductors encourages customers to verify that datasheets are current before placing orders.