

GERMANIUM PNP SMALL SIGNAL TRANSISTORS

Type	V_{CBO} V Max	V_{EBO} V Max	V_{CE} V Max	I_{CB} @ V_{CB} V Max	I_{CB} μA Max	h_{FE} Min Max	@ I_C mA	C_{ob} pf Max	fab 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	TO-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	50	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
2N1145	16		16	16	16	25-90	20	40	1.0	R-32	175
2N1175	35	10	25	30	12	70-140	20	40	1.5	TO-5	200
2N1175A	35	10	25	30	12	70-140	20	40	1.5	TO-5	200
2N1273	15	10	15	15	14	27-165	50			TO-5	250
2N1274	25	10	15	25	14	27-165	50			TO-5	250
2N1303	30	25	25	25	6	20	10	20	3.0	TO-5	150
2N1305	30	25	20	25	6	40-200	10	20	5.0	TO-5	150
2N1307	30	25	15	25	6	60-300	10	20	10.0	TO-5	150
2N1309	30	25	15	25	6	80	10	20	15.0	TO-5	150
2N1370	25	10	25	20	14	45-165	50		2.0	TO-5	225
2N1371	45	10	45	20	14	45-165	50		2.0	TO-5	250
2N1372	25	15	25	20	7	27-105	50		2.0	TO-5	250
2N1373	45	25	45	20	7	27-105	50		2.0	TO-5	250
2N1374	25	15	25	20	7	45-165	50		2.0	TO-5	250
2N1375	45	25	45	20	7	45-165	50		2.0	TO-5	250
2N1376	25	15	25	20	7	67-165	60		2.0	TO-5	250
2N1377	45	25	45	20	7	67-165	50		2.0	TO-5	250
2N1378	12	7	12	12	7	85-330	50		2.0	TO-5	250
2N1379	25	15	25	20	7	85-330	50		2.0	TO-5	250
2N1380	12	7	12	12	14	27-330	50		2.0	TO-5	250
2N1381	25	15	25	20	14	27-330	50		2.0	TO-5	250
2N1382	25	15	25	20	14	40-165	50		2.0	TO-5	250
2N1383	25	15	25	20	14	27-165	50		2.0	TO-5	250
2N1404	25	20	25	25	5	100	24	8	4.0	TO-5	150
2N1413	35	10	25	30	12	35-42	20	40	0.8	TO-5	200
2N1414	35	10	25	30	12	34-65	20	40	1.0	TO-5	200
2N1415	35	10	25	30	12	53-90	20	40	1.3	TO-5	200
2N1614	70	12	60	70	23	18-43	20	60	0.5	R-32	240
2N1924	60	25	40	45	10	34-65	20	30	1.0	TO-5	225
2N1925	60	25	40	45	10	53-90	20	30	1.3	TO-5	225
2N1926	60	25	40	45	10	72-121	20	30	1.5	TO-5	225
2N1997	45	45	40	45	25	40-200	100	20	3.0	TO-5	250
2N1998	35	30	35	35	25	70-225	100	20	5.6	TO-5	250
2N1999	30	20	20	30	25	100-350	100	20	10.0	TO-5	250
2N2000	50	20	15	30	10	50-300	100	35	2.0	TO-5	300
2N2001	30	20	15	15	6	100	100	35	6.0	TO-5	300
2N2042	105	75	105	105	25	20-50	5	25	0.5	TO-5	200
2N2043	105	75	105	105	25	400-100	5	25	0.75	TO-5	200
2N2374	35	35	35	35	5	100-300	100	14	15.0	TO-5	250
2N2375	35	35	35	35	5	35-110	100	20		TO-5	250
2N2376	35	35	35	35	5	35-110	100	20		TO-5	250

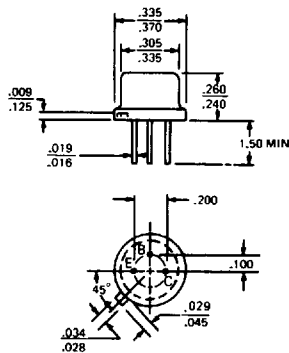
NOTES: *Under Outline indicates TO-5 Isolated †Indicates Typical Value
Germanium Power Devices Corporation

3947375 0000674 0T9

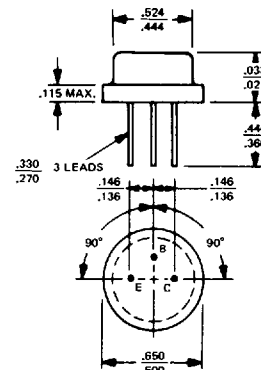
GERMANIUM POWER TRANSISTORS

CASE OUTLINE DRAWINGS & DIMENSIONS

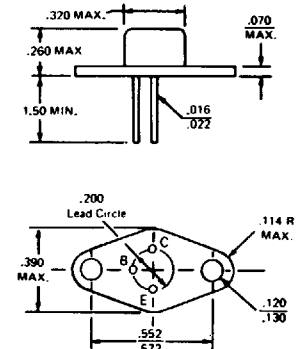
TO-5



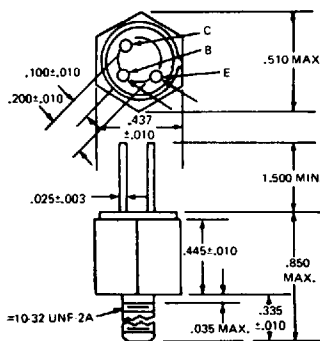
TO-8



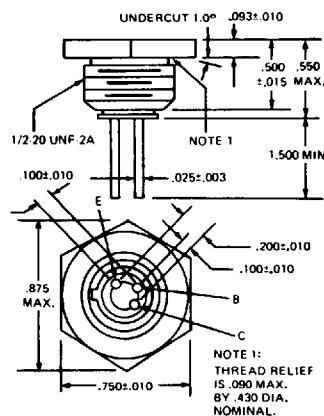
TO-37



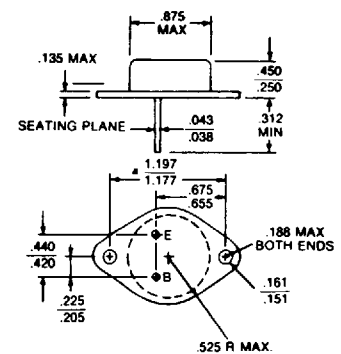
MT-27



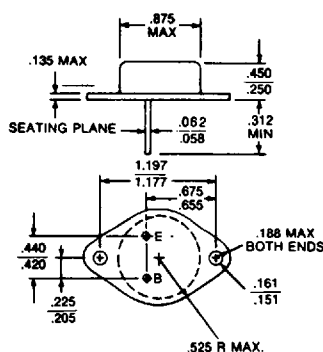
MT-28



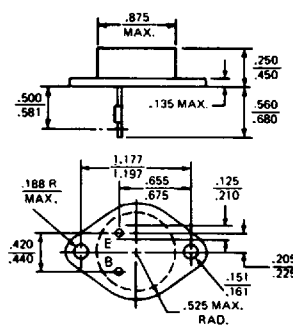
TO-3



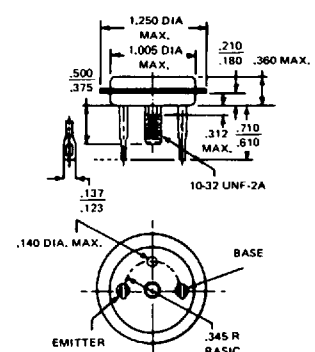
MODIFIED TO-3
(60 mil pins)



TO-41



TO-36



CASE OUTLINE DRAWINGS & DIMENSIONS

Technical drawing of a 28-pin DIP package. The top view shows a circular package with a diameter of 550 (530) and four mounting holes labeled A, B, C, and D. The side view shows a package with a maximum height of 970 (930), a body diameter of 430 (415), and a mounting hole diameter of 550 (530). The package is labeled with '1', '28 UNF-28', '250 WIP', and 'FULL THREAD'. The solder lugs are labeled 'SOLDER LUGS'.

Technical drawing of a mechanical part, likely a bracket or base plate, showing top and side views with dimensions in inches.

Top View Dimensions:

- Overall width: 6.20 MAX.
- Slot width: .570.
- Slot depth: .360 MIN.
- Slot position from left edge: .470 (top), .500 (bottom).
- Slot position from right edge: .250 (top), .340 (bottom).
- Slot width at bottom: .028 (top), .034 (bottom).
- Slot width at bottom (center): .958.
- Slot width at bottom (right): .590.
- Slot width at bottom (right): .145 R MAX.
- Slot width at bottom (right): .142.
- Slot width at bottom (right): .152.
- Slot width at bottom (right): .350 R MAX.
- Slot width at bottom (right): .190.
- Slot width at bottom (right): .210.
- Slot width at bottom (right): .093.
- Slot width at bottom (right): .107.

Side View Dimensions:

- Overall height: .050 MAX.
- Slot depth: .050.
- Slot depth: .075.

[illegible]

HEX NUT

1-1/4 - 16UN - 2A

.75

.25

.09

.25

.53

.09 DIA. (3)

.58

BASE

COLLECTOR

.02

1.5

.29

EMITTER

The drawing shows a 2N4350 JFET with the following dimensions:

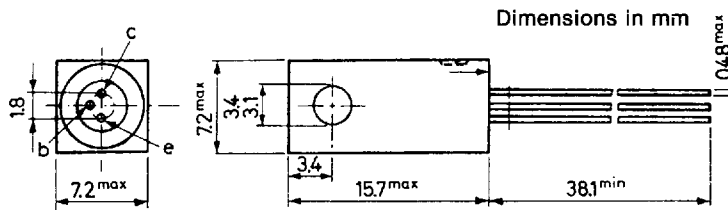
- Side View Dimensions:**
 - Gate lead: 3/8-24UNF-2A
 - Gate lead diameter: .093
 - Gate lead length: .82
 - Drain lead diameter: .09 DIA. (3)
 - Drain lead length: .72
 - Source lead diameter: .09 DIA. (3)
 - Source lead length: .53
 - Overall width: 1.26 DIA.
- Top View Dimensions:**
 - Emitter diameter: .02
 - Collector diameter: .29
 - Base diameter: .58

Technical drawing of a 28UNF-2A threaded plug. The drawing shows a side view and a top view. The side view includes dimensions: .090 MAX. for the thread length, .50 for the body length, .100 for the total height, .04 for the top flange thickness, .390 ± .025 for the body diameter, .340 ± .025 for the bottom diameter, and 1.110 MAX. for the total length. The top view shows a circular cross-section with four holes labeled 1, 2, 3, and 4. The hole diameters are: .343 REF. for holes 1 and 2, .312 REF. for holes 3 and 4, .290 REF. for the central hole, and .112 REF. for the outer diameter.

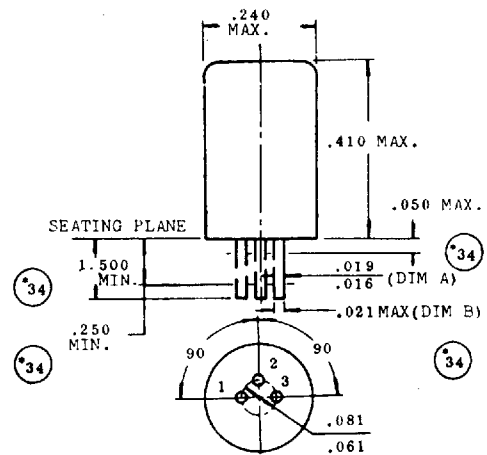
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CASE OUTLINE DRAWINGS & DIMENSIONS

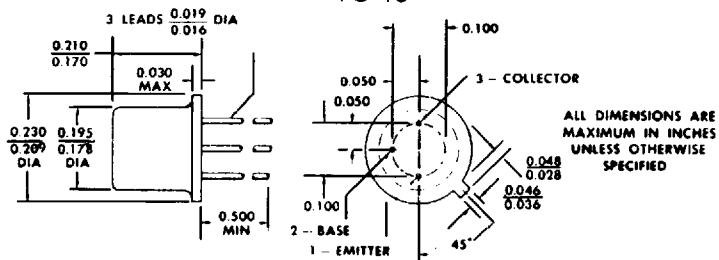
NS257



TO-1



TO-18



THE COLLECTOR IS ELECTRICAL CONTACT WITH THE CASE.

ALL JEDEC TO-18 DIMENSIONS AND NOTES ARE APPLICABLE.



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