GERMANIUM SMALL SIGNAL TRANSISTORS

PRO ELECTRON TYPES

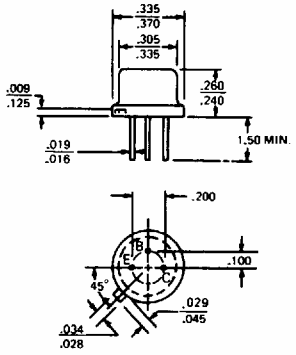
Type	Polarity	V_{CBO} V Max	V_{EBO} V Max	V_{CE} V Max		I_{CBO} @V_{CB} V	I_{CBO} μA Max	h_{FE} Min Max	@I_C mA	Cob pf Max	fab MHZ Min	Pack Outline	Power Dissipation @25°C MW
AC107	P	15						35-	300[1]			TO-1	80
AC116	P	30	12	18		6	8	50-140	20	21[2]		NS257	145
AC117	P	32	10	18		6	18	40-	150			NS257	260
AC121—IV	P	20	10	20				30-60	100	40	1.5[2]	TO-1	900
AC121—V	P	20	10	20				50-100	100	40	1.5[2]	TO-1	900
AC121—VI	P	20	10	20				75-150	100	40	1.5[2]	TO-1	900
AC121—VII	P	20	10	20				125-250	100	40	1.5[2]	TO-1	900
AC122	P	30	18	18		6	8	40-200	2[1]	21[2]		TO-1	130
AC122/30	P	45	12	32		6	8	40-200	2[1]	21[2]		TO-1	130
AC123	P	45	12	32		6	8	50-140	20	21[2]		NS257	145
AC124	P	45	10	32		6	18	40-170	150			NS257	260
AC125	P	32	10	12		10	10	50-	2	50	1.3	TO-1	500
AC126	P	32	10	12		10	10	65-	2	50	1.7	TO-1	500
AC127	N	32	10	12				50-	500	70[2]	2.5	TO-1	340
AC128	P	32	10	16		10	10	55-175	50	100	1.0	TO-1	1,000
AC128K	P	32	10	16		10	10	55-175	50	100	1.0	NS257	1,000
AC130	N	20									2.0	TO-1	
AC131	P	30	10	18		6	18	40-	150			TO-1	212
AC132	P	32	10	12		0.5	10	135[2]-	20	40[2]	1.3	TO-1	500
AC138	P	32	10	20		10	15	30-	5[1]			TO-1	720
AC139	P	32	10	20		10	15	40-160	400			TO-1	720
AC141	N	32	10	18		10	35	40-160	400			TO-1	720
AC142	P	32	10	20		10	15	40-160	400			TO-1	720
AC142K	P	32	10	20		10	15	40-160	400			NS257	860
AC151	P	32	10	2Y		10	10	30[1]-	2	27[2]	1.5[2]	TO-1	900
AC152	P	32	10	2Y		0.5	10	30-150	100	40	1.5[2]	TO-1	900
AC153	P	32	10	18		10	10	50-250	300	100	1.0	TO-1	1,000
AC153K	P	32	10	18		10	10	50-250	300	100	1.0	NS257	1,000
AC162	P	32	10	2Y		10	10	100[2]	50	40	1.3	TO-1	900
AC163	P	32	10	2Y		10	10	65-	2	40	1.7	TO-1	900
AC173	P	32	10	2Y				50-	2[1]			TO-1	200
AC176	N	32	10	18		10	35	50-250	300	100[2]	1.0	TO-1	700
AC178	P	20	10	15		6	35	60-	150			NS257	180
AC179	N	20	10	15		6	10[2]	60-	150			NS257	180
AC180	P	32	20	16				50-250	600		2.5[2]	TO-1	600
AC180K	P	32	20	16				50-250	600		2.5[2]	NS257	2,500
AC181	N	32	20	16				50-250	600		4.5[2]	TO-1	600
AC181K	N	32	20	16				50-250	600		4.5[2]	NS257	2,500
AC182	P	32	20	18				50-	1[1]		4.0[2]	TO-1	200
AC183	N	32	20	16				50-	2[1]		4.0[2]	TO-1	250
AC184	P	32	20	16				50-250	300		2.5[2]	TO-1	600
AC185	N	32	20	16				50-250	300		2.5[2]	TO-1	600
AC187	N	25	10	15		10	35	100-500	300	180	1.0	TO-1	1,000
AC187K	N	25	10	15		10	35	100-500	300	180	1.0	NS257	1,000
AC188	P	25	10	15		10	15	100-500	300	110	1.0	TO-1	1,000
AC188K	P	25	10	15		10	15	100-500	300	100	1.0	NS257	1,000
AC193	P	32	10	15		10	15	90-400	400	40[2]	3.0[2]	TO-1	220
AC193K	P	32	10	15		10	15	90-400	400	40[2]	3.0[2]	TO-1	260
AC194	N	32	10	15		10	35	90-400	400	80[2]	5.0[2]	TO-1	220
AC194K	N	32	10	15		10	35	90-400	400	80[2]	5.0[2]	TO-1	260
ACY11	P	32	16	30		5	12	38-	10	35	0.4	TO-1	150
ACY14	P	32	16	30		5	12	54-	10	35	0.4	TO-1	150
ACY17		70	12	32		6	10	50-150	300	40	1.0	TO-5	200
ACY18		50	12	30		6	10	40-120	300	40	1.0	TO-5	200
ACY19		50	12	30		6	10	80-250	300	40	1.3	TO-5	200
ACY20		40	12	20		6	10	50-145	50	40	1.0	TO-5	200
ACY21		40	12	20		6	10	90-250	50	40	1.3	TO-5	200
ACY22		20	12	15		6	10	30-300	300	40	1.0	TO-5	200
ACY23	P	32	16	30				50-	1[1]		0.5	TO-1	900
ACY27	P	40	30	20		30	12	20-55	1[1]	40	1.0[2]	TO-1	200
ACY28	P	40	30	15		30	12	45-150	1[1]	40	1.0[2]	TO-1	200
ACY29	P	40	30	15		30	12	45-150	1[1]	40	1.0[2]	TO-1	200
ACY30	P	40	40	20		30	12	60-200	1[1]	40	1.0[2]	TO-1	200
ACY31	P	40	20			12	5	35-70	1[1]	40	1.0[2]	TO-1	200
ACY32	P	32	16	30		10	10	50-150	1[1]	27[2]	0.5	TO-1	900

[1]hfe
[2]typical

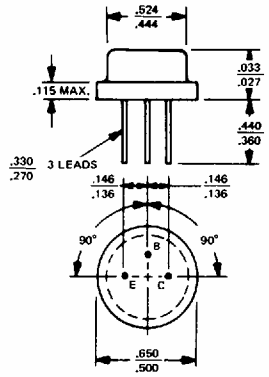
GERMANIUM POWER TRANSISTORS

CASE OUTLINE DRAWINGS & DIMENSIONS

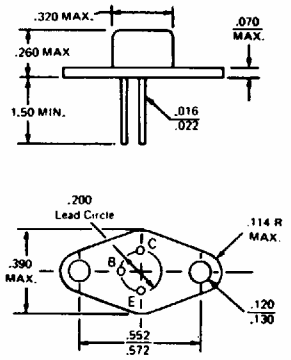
TO-5



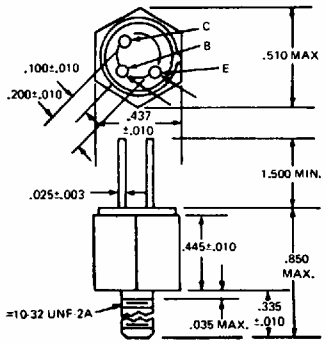
TO-8



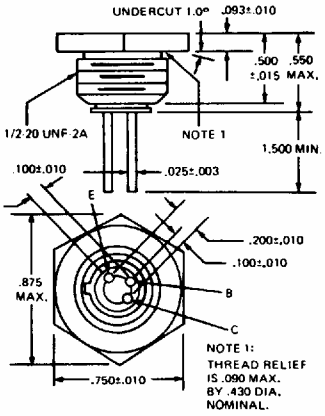
TO-37



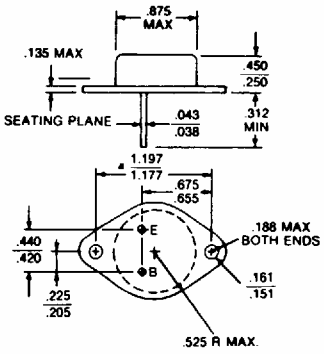
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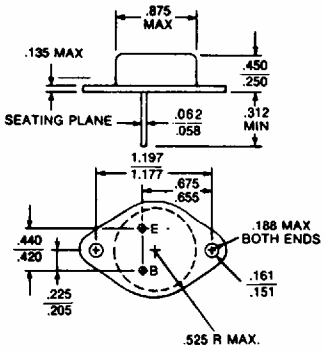
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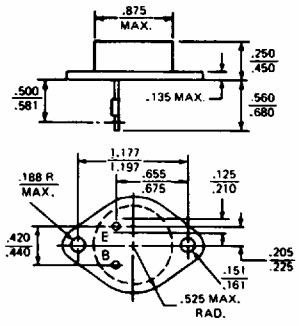
TO-3



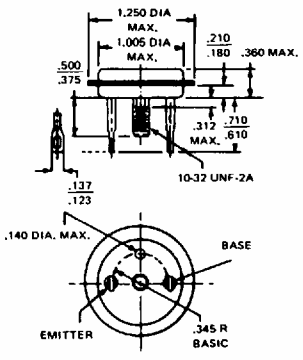
MODIFIED TO-3
(60 mil pins)



TO-41



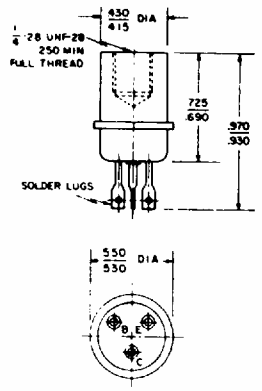
TO-36



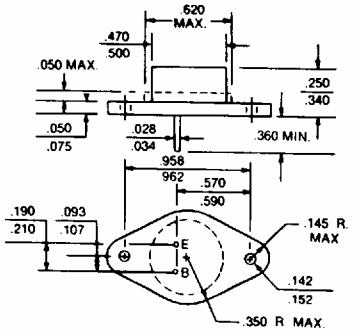
GERMANIUM POWER TRANSISTORS

CASE OUTLINE DRAWINGS & DIMENSIONS

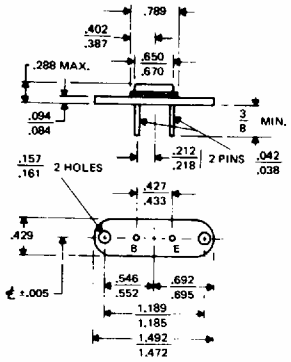
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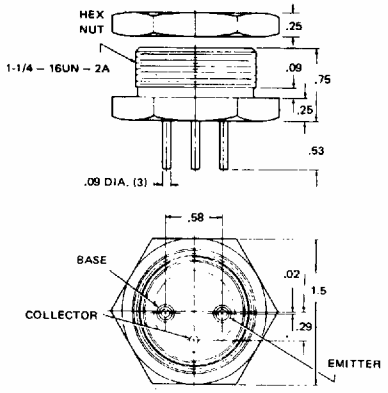
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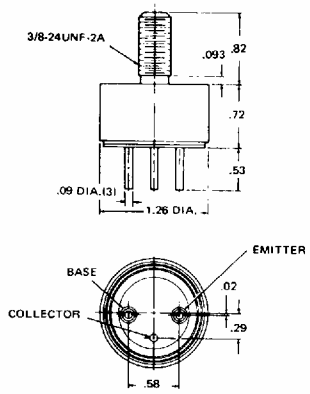
MS-7



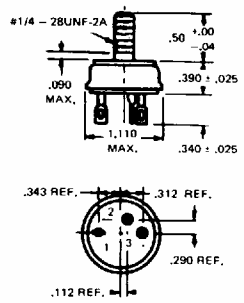
MT-22



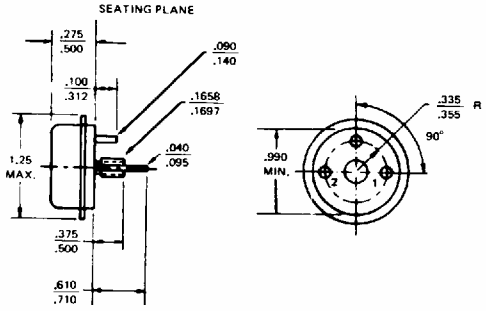
MT-23



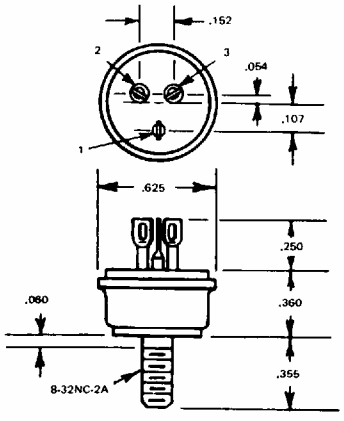
MT-7



TO-68



MT-36

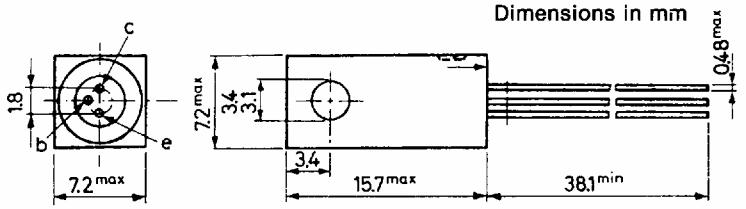


GERMANIUM POWER TRANSISTORS

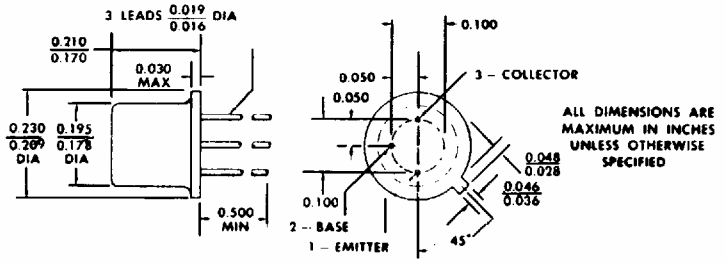
CASE OUTLINE DRAWINGS & DIMENSIONS

NS257

Dimensions in mm



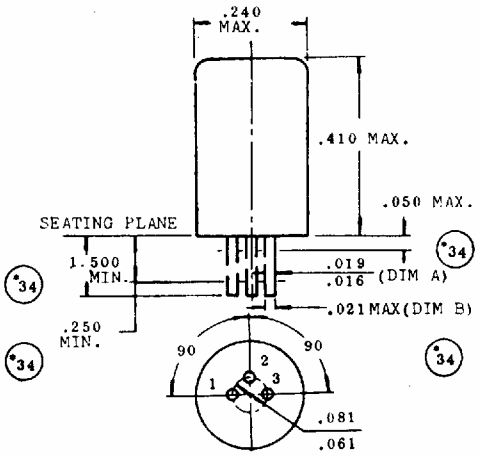
TO-18



THE COLLECTOR IS ELECTRICAL CONTACT WITH THE CASE.

ALL JEDEC TO-18 DIMENSIONS AND NOTES ARE APPLICABLE.

TO-1



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