

GERMANIUM SMALL SIGNAL TRANSISTORS

PRO ELECTRON TYPES

Type	Polar-ity	V_{CB0} V Max	V_{EB0} V Max	V_{CE} V Max	I_{CB0} @ V_{CB} V μA Max	h_{FE} Min Max	@ I_C mA	C_{ob} pf Max	fab MHZ Min	Pack Outline	Power Dissipation @25°C MW
AC107	P	15								TO-1	80
AC116	P	30	12	18	6	8	35-50-140	300 ¹ 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	1.5 ²	TO-1	900
AC121-V	P	20	10	20			50-100	100	1.5 ²	TO-1	900
AC121-VI	P	20	10	20			75-150	100	1.5 ²	TO-1	900
AC121-VII	P	20	10	20			125-250	100	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	TO-1	500
AC126	P	32	10	12	10	10	65-50-	2	50	TO-1	500
AC127	N	32	10	12	10	10	50-	500	1.7	TO-1	340
AC128	P	32	10	16	10	10	55-175	50	2.5	TO-1	1,000
AC128K	P	32	10	16	10	10	55-175	50	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	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	TO-1	900
AC152	P	32	10	2Y	0.5	10	30-150	100	1.5 ²	TO-1	900
AC153	P	32	10	18	10	10	50-250	300	1.0	TO-1	1,000
AC153K	P	32	10	18	10	10	50-250	300	1.0	NS257	1,000
AC162	P	32	10	2Y	10	10	100 ²	50	1.3	TO-1	900
AC163	P	32	10	2Y	10	10	65-	2	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	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	1.0	TO-1	1,000
AC187K	N	25	10	15	10	35	100-500	300	1.0	NS257	1,000
AC188	P	25	10	15	10	15	100-500	300	1.0	TO-1	1,000
AC188K	P	25	10	15	10	15	100-500	300	1.0	NS257	1,000
AC193	P	32	10	15	10	15	90-400	400	40 ²	TO-1	220
AC193K	P	32	10	15	10	15	90-400	400	40 ²	TO-1	260
AC194	N	32	10	15	10	35	90-400	400	80 ²	TO-1	220
AC194K	N	32	10	15	10	35	90-400	400	80 ²	TO-1	260
ACY11	P	32	16	30	5	12	38-	10	35	TO-1	150
ACY14	P	32	16	30	5	12	54-	10	35	TO-1	150
ACY17		70	12	32	6	10	50-150	300	40	TO-5	200
ACY18		50	12	30	6	10	40-120	300	40	TO-5	200
ACY19		50	12	30	6	10	80-250	300	40	TO-5	200
ACY20		40	12	20	6	10	50-145	50	40	TO-5	200
ACY21		40	12	20	6	10	90-250	50	40	TO-5	200
ACY22		20	12	15	6	10	30-300	300	40	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	1.0 ²	TO-1	200
ACY28	P	40	30	15	30	12	45-150	1 ¹	1.0 ²	TO-1	200
ACY29	P	40	30	15	30	12	45-150	1 ¹	1.0 ²	TO-1	200
ACY30	P	40	40	20	30	12	60-200	1 ¹	1.0 ²	TO-1	200
ACY31	P	40	20		12	5	35-70	1 ¹	1.0 ²	TO-1	200
ACY32	P	32	16	30	10	10	50-150	1 ¹	27 ²	TO-1	900

¹hfe

²typical

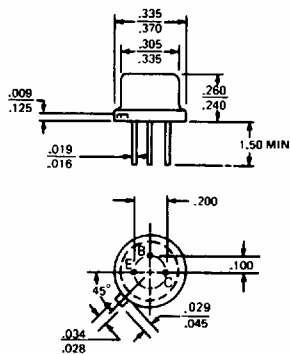
Germanium Power Devices Corporation



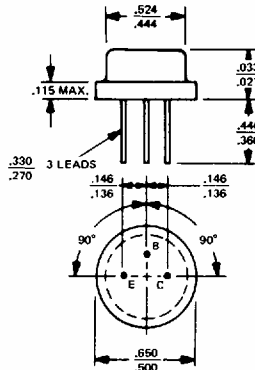
GERMANIUM POWER TRANSISTORS

CASE OUTLINE DRAWINGS & DIMENSIONS

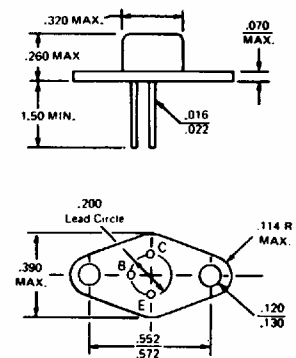
TO-5



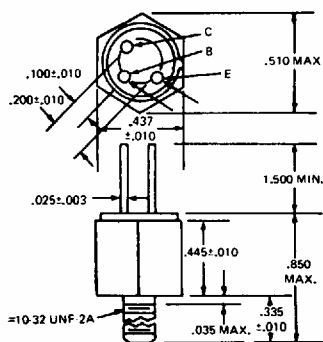
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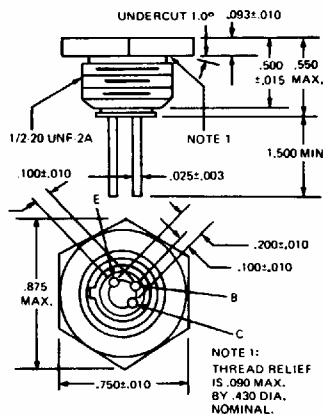
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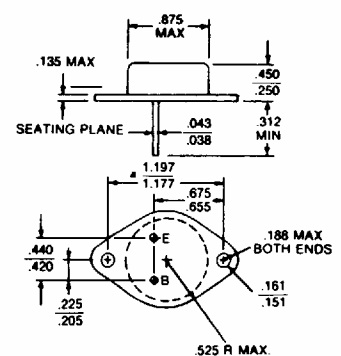
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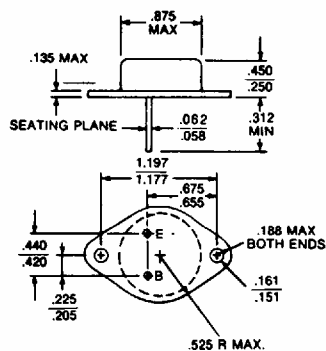
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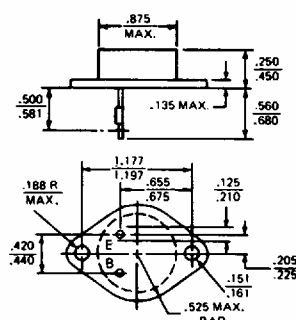
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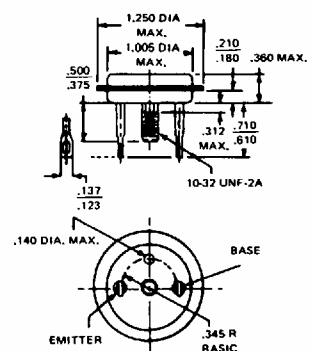
MODIFIED TO-3
(60 mil pins)



TO-41



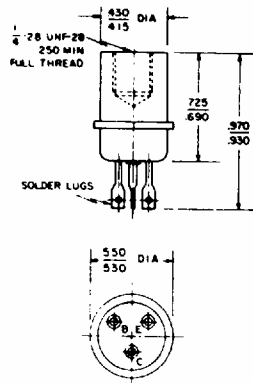
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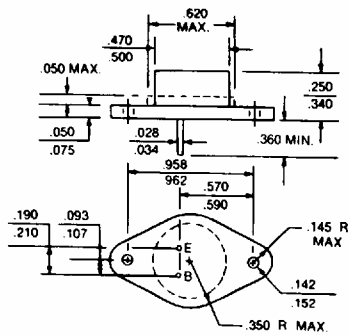
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CASE OUTLINE DRAWINGS & DIMENSIONS

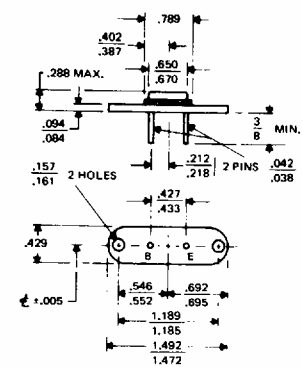
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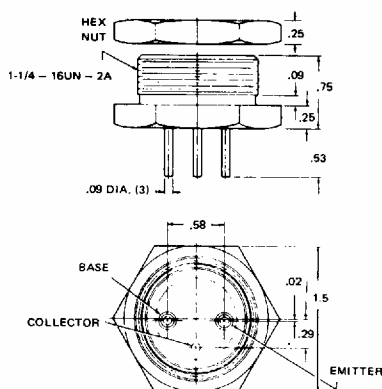
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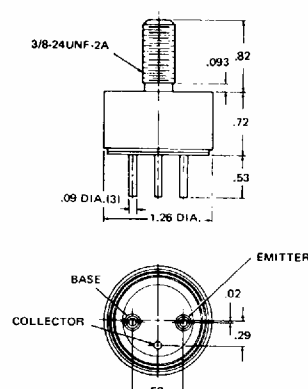
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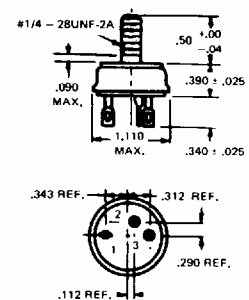
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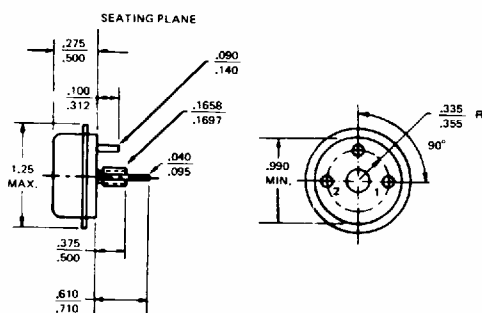
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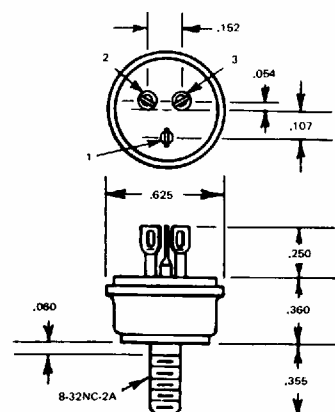
MT-7



TO-68

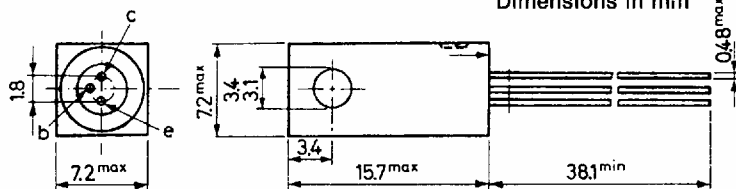


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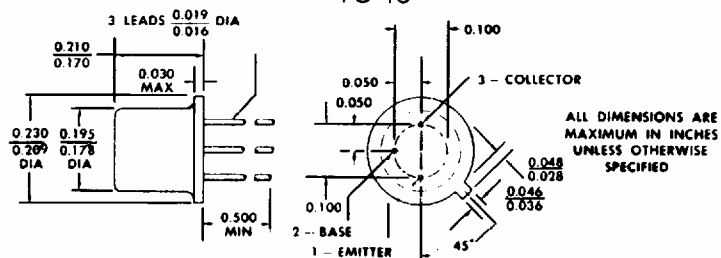


CASE OUTLINE DRAWINGS & DIMENSIONS

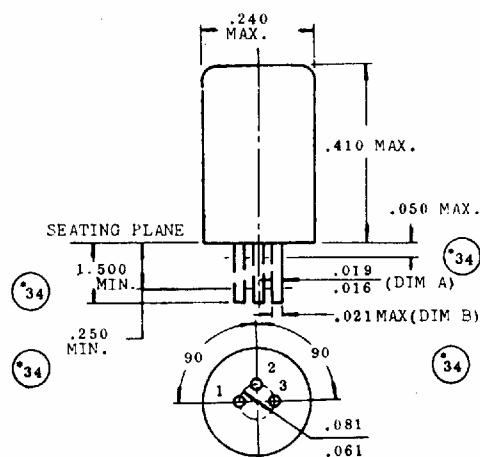
Dimensions in mm



TO-18



ALL JEDEC TO-18 DIMENSIONS
AND NOTES ARE APPLICABLE.



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