T-27-01

discrete devices

semitron hot line

TOLL FREE NUMBER 800-777-3960

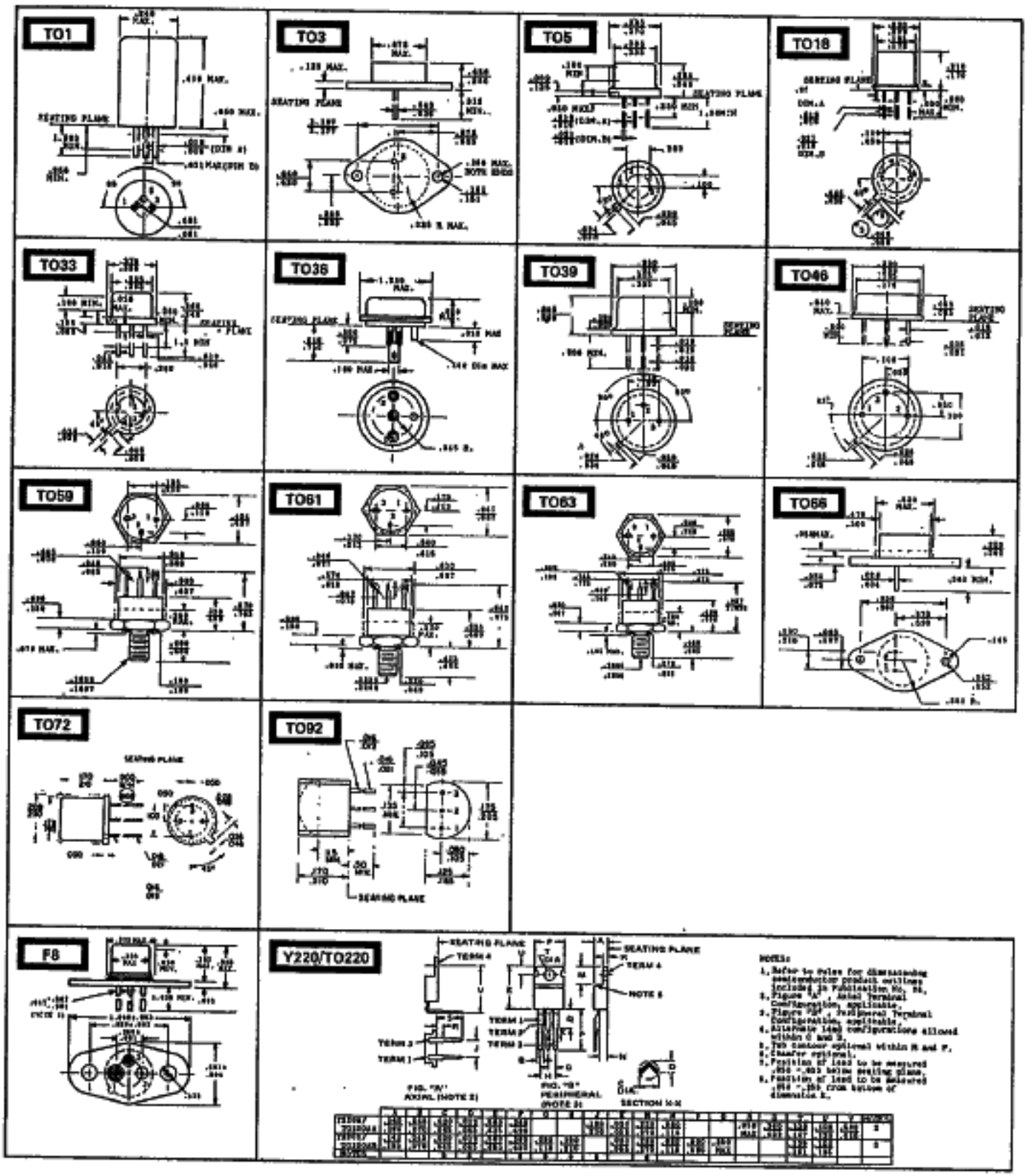
alloy-junction germanium transistors

Transistor Type	Polarity	Maximum Power (W)	Maximum (V) VCB	VCE	Typical Gain HFE	Frequency Resp. (MHz)	Case
2N43A	PNP	.240	45	30R	40	1.30	TO-5
2N44A	PNP	.240	45	30R	30	1.00	TO-5
2N107	PNP	.050	12	6	30	.30	TO-5
2N167A	NPN	.075	30	30	50	5.00	TO-5
2N169	NPN	.065	15	15R	48	8.00	TO-5
2N169A	NPN	.065	25	25R	84	9.00	TO-5
2N170	NPN	.025	10	9R	30	4.00	TO-5
2N187A	PNP	.200	25	25R	36	1.00	TO-5
2N188A	PNP	.200	25	25R	50	1.20	TO-5
2N189	PNP	.075	25	25R	36	.80	TO-5
2N190	PNP	.075	25	25R	50	1.00	TO-5
2N191	PNP	.075	25	25R	80	1.20	TO-5
2N192	PNP	.975	25	25R	114	1.50	TO-5
2N241A	PNP	.200	25	25R	80	1.30	TO-5
2N292	NPN	.065	15	15R	21	5.00	TO-5
2N293	NPN	.065	15	15R	38	4.00	TO-5
2N319	PNP	.225	25	20R	34	2.00	TO-5
2N320	PNP	.225	25	20R	50	2.50	TO-5
2N321	PNP	.225	25	20R	80	3.00	TO-5
2N322	PNP	.200	18	18R	50	1.00	TO-5
2N323	PNP	.200	18	18R	80	1.50	TO-5
2N324	PNP	.140	18	18R	130	1.50	TO-5
2N331	PNP	.200	30		60	.40	TO-5
2N381	PNP	.225	50	25R	40	3.00	TO-5
2N382	PNP	.225	50	25R	90	4.00	TO-5
2N383	PNP	.225	50	25R	100	5.00	TO-5
2N388	NPN	.150	25	20	120	5.00	TO-5
2N388A	NPN	.200	40		120	8.00	TO-5
2N394A	PNP	.150	30	10	44	4.00	TO-5
2N395	PNP	.150	30	20R	60	3.00	TO-5
2N396	PNP	.150	20	20R	70	5.00	TO-5
2N396A	PNP	.200	30	20	70	8.00	TO-5
2N397	PNP	.200	30	15R	100	10.00	TO-5
2N398	PNP	.050	105	105S	40	.50	TO-5
2N398A	PNP	.150	105	105S	40	.50	TO-5
2N404	PNP	.150	25	24	40	12.00	TO-5
2N404A	PNP	.150	40	35	50	12.00	TO-5
2N413	PNP	.150	30	18	40	3.00	TO-5
2N414	PNP	.150	30	15	60	7.00	TO-5
2N426	PNP	.150	30	18	25	6.00	TO-5
2N427	PNP	.150	30	15	25	11.00	TO-5
2N428	PNP	.150	30	12	30	17.00	TO-5
2N460	PNP	.200	45	35	26	1.20	TO-5
2N461	PNP	.200	45	35R	100	2.00	TO-5
2N464	PNP	.150	40	40	26	7.00	TO-5
2N465	PNP	.150	40	30	30	8.00	TO-5
2N466	PNP	.150	35	20	70	1.00	TO-5
2N467	PNP	.200	35	15	140	1.20	TO-5
2N508	PNP	.200	18	16	120	4.50	TO-5
2N508A	PNP	.200	30	30	120	4.50	TO-5
2N524	PNP	.225	45	30R	30	2.50	TO-5
2N525	PNP	.225	45	30R	44	3.00	TO-5
2N526	PNP	.225	45	30R	64	3.50	TO-5
2N527	PNP	.225	45	30	80	4.00	TO-5
2N650	PNP	.200	45	30	50	1.50	TO-5
2N650A	PNP	.200	45	30	50	.75	TO-5
2N651	PNP	.200	45	30	80	2.00	TO-5
2N651A	PNP	.200	45	30	76	1.00	TO-5
2N652	PNP	.200	45	30	120	2.50	TO-5
2N652A	PNP	.200	45	30	120	1.25	TO-5
2N653	PNP	.200	30	20	44	1.50	TO-5
2N654	PNP	.200	30	25	90	2.50	TO-5
2N655	PNP	.200	30	25R	140	2.50	TO-5
2N660	PNP	.200	30	14	100	15.00	TO-5
2N661	PNP	.200	30	9	120	20.00	TO-5
2N662	PNP	.200	30	14	70	8.00	TO-5
2N1008	PNP	.165	20	15R	90	.02	TO-5
2N1008A	PNP	.165	40	35R	100	.02	TO-5
2N1008B	PNP	.165	60	55R	90	.02	TO-5
2N1057	PNP	.240	45		60	.50	TO-5

Transistor Type	Polarity	Maximum Power (W)	Maximum (V) VCB	VCE	Typical Gain HFE	Frequency Resp. (MHz)	Case
2N1086	NPN	.065	9	9	120	5.00	TO-5
2N1086A	NPN	.065	9	9	120	5.00	TO-5
2N1087	NPN	.065	9	9	120	5.00	TO-5
2N1097	PNP	.200	18	18	60	1.00	TO-5
2N1098	PNP	.200	18	17	50	1.00	TO-5
2N1175	PNP	.200	35	25R	90	1.50	TO-5
2N1175A	PNP	.200	35	25R	90	1.50	TO-5
2N1185	PNP	.200	45	30R	170	1.75	TO-5
2N1186	PNP	.200	60	45R	44	.75	TO-5
2N1187	PNP	.200	60	45R	75	1.00	TO-5
2N1188	PNP	.200	60	45R	115	1.25	TO-5
2N1189	PNP	.200	45	30R	90	1.75	TO-5
2N1190	PNP	.200	45	30R	136	2.25	TO-5
2N1191	PNP	.200	40	25R	60	1.50	TO-5
2N1192	PNP	.200	40	25R	74	2.00	TO-5
2N1193	PNP	.200	40	25R	145	2.50	TO-5
2N1194	PNP	.200	40	25R	275	3.00	TO-5
2N1273	PNP	.150	15	15	100	1.00	TO-5
2N1274	PNP	.150	25	25	100	1.00	TO-5
2N1302	NPN	.150	25	25	50	3.00	TO-5
2N1303	PNP	.150	25	25	50	3.00	TO-5
2N1304	NPN	.150	25	25	70	5.00	TO-5
2N1305	PNP	.150	25	25	70	5.00	TO-5
2N1306	NPN	.150	25	25	100	10.00	TO-5
2N1307	PNP	.150	25	25	100	10.00	TO-5
2N1308	NPN	.150	25	25	150	15.00	TO-5
2N1309	PNP	.150	25	25	150	15.00	TO-5
2N1310	NPN	.120	90		42	2.40	TO-5
2N1311	NPN	.120	75		38	2.20	TO-5
2N1317	NPN	.120	50		46	2.60	TO-5
2N1372	PNP	.250	25	25	60	.75	TO-5
2N1373	PNP	.250	45	45	60	.75	TO-5
2N1374	PNP	.250	25	25	90	1.00	TO-5
2N1375	PNP	.250	45	45	90	1.00	TO-5
2N1376	PNP	.250	25	25	100	1.00	TO-5
2N1377	PNP	.250	45	45	100	1.00	TO-5
2N1378	PNP	.250	12	12	200	1.50	TO-5
2N1379	PNP	.250	25	25	200	1.50	TO-5
2N1380	PNP	.250	12	12	100	1.50	TO-5
2N1381	PNP	.250	25	25	100	1.50	TO-5
2N1382	PNP	.250	25	25	90	2.00	TO-5
2N1383	PNP	.200	25	25	72	1.50	TO-5
2N1404	PNP	.200	25	25	60	4.00	TO-5
2N1406	PNP	.150	50	50S	20	AUD	TO-5
2N1413	PNP	.200	35	25R	36	.80	TO-5
2N1414	PNP	.200	35	25	52	1.00	TO-5
2N1415	PNP	.200	35	25	72	1.30	TO-5
2N1605	NPN	.150	25	24	70	4.00	TO-5
2N1614	PNP	.240	65	40R	30	1.50	TO-5
2N1705	PNP	.200	18	12R	110	4.00	TO-5
2N1706	PNP	.200	25	18R	90	3.00	TO-5
2N1707	PNP	.200	30	25R	90	3.00	TO-5
2N1808	NPN	.150	25	25	120	4.00	TO-5
2N1924	PNP	.225	60	40R	50	1.00	TO-5
2N1925	PNP	.225	60	40R	70	1.30	TO-5
2N1926	PNP	.225	60	40R	96	1.50	TO-5
2N1997	PNP	.250	45	40	120	3.00	TO-5
2N1998	PNP	.250	35	35	150	5.00	TO-5
2N1999	PNP	.250	30	20	220	8.00	TO-5
2N2000	NPN	.300	50	20	150	2.00	TO-5
2N2001	NPN	.300	30	20	200	6.00	TO-5
2N2042	PNP	.200	105	105S	40	.50	TO-5
2N2043	PNP	.200	105	105S	90	.75	TO-5
2N2171	PNP	.225	50	25R	180	7.50	TO-5
2N3427	PNP	.200	45	30R	210	4.00	TO-5
2N3428	PNP	.200	45	30R	260	5.00	TO-5

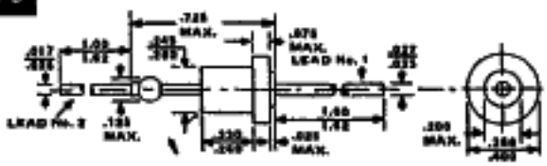
Datasheet.Live

case outline drawings



case outline drawings cont'd

DO1-3



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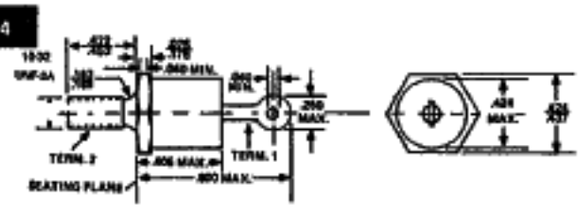

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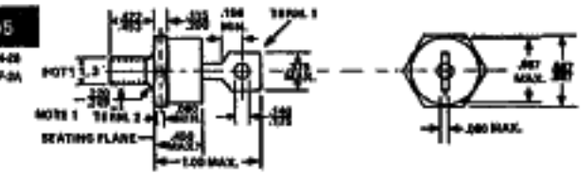

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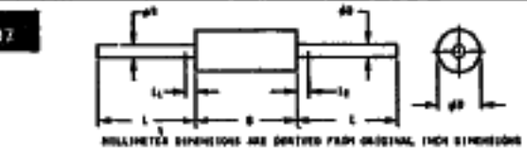
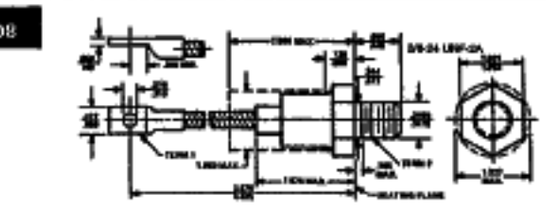


MILLIMETER DIMENSIONS ARE DERIVED FROM ORIGINAL INCH DIMENSIONS

SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
ØA	.018	.023	0.458	0.584	4
ØD	.095	.107	2.38	2.71	1
Ø	.270	.294	6.86	7.47	1
L	1.000	-	25.40	-	-
L_1	-	.050	-	1.27	2

DO8



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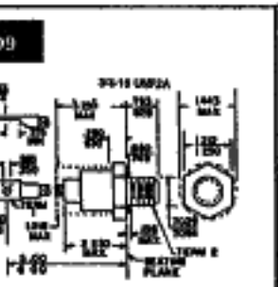

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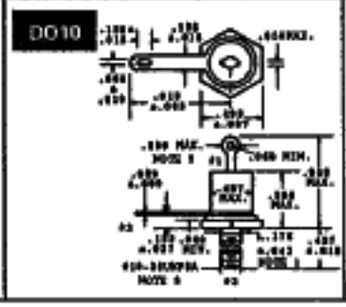

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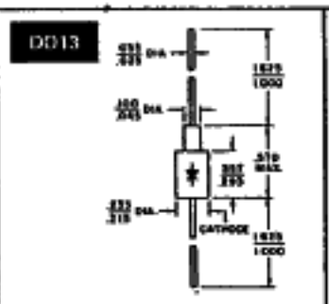

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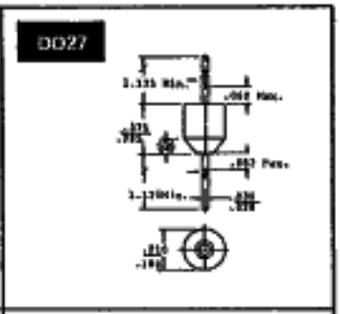

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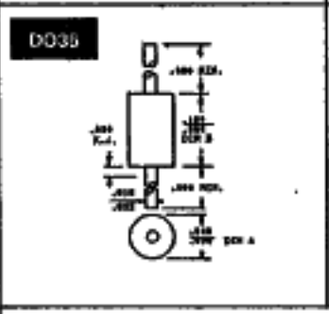

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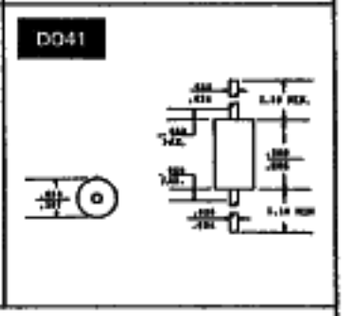

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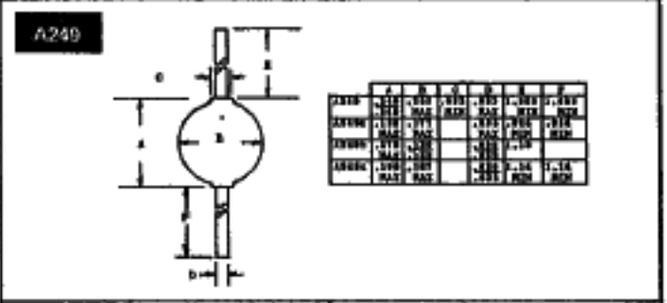

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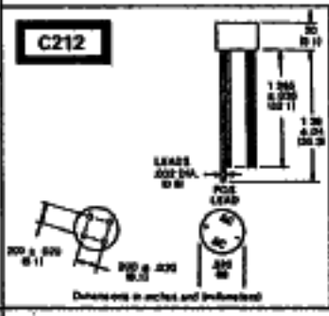

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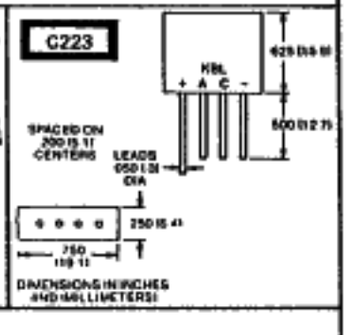
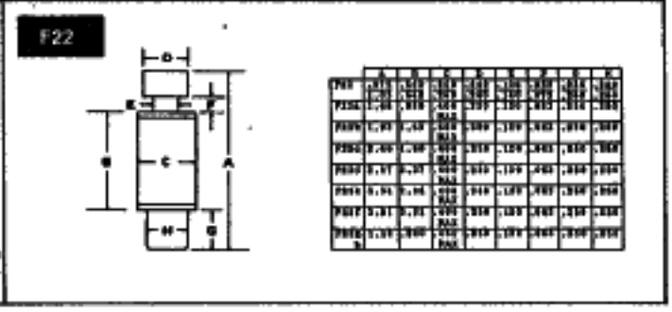
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