GERMANIUM POWER TRANSISTORS PRO ELECTRON TYPES

Type Number	V _{CBO} V max	V _{CEO} V max	V _{EBO} V max	I _c A max	CUR h _{FE} min-max	RENT GA V _{CE} V	IN at I _C A	f _T MHz	R _{in} j-case °C/W max	Outlines	NOTES	
AUY22 AUY24 AUY26	80 80 80 65 80	60 60 60 45 60	20 20 20 20 20 20	8 8 8 3 3	12.5-25 20-40 30-60 30-50 20-35	0.5 0.5 0.5 0.6 0.6	5 5 5 1	0.3 0.3 0.3 0.35 0.35	1.5 1.5 1.5 1.5 1.5	128 128 128 128 128	—II —III —IV	
AUY27 AUY28 AUY29	80 90 50 50 50	60 65 32 32 32 32	20 25 10 10	3 6 15 15	30-50 20-33 20-40 30-60 50-100	0.6 1.5 0.5 0.5 0.5	1 5 5 5 5	0.35 0.25 0.3 0.3 0.3	1.5 1.5 1.5 1.5 1.5	128 127 128 128 128	-III -IV -V	
AUY34 OC19 OC20	100 100 100 32 100	80 80 80 32 75	20 20 20 10 40	3 3 3 3 8	12.5-25 20-40 30-60 10-56 20-45	1 1 1 1	1 1 1 2 6	0.35 0.35 0.35	1.5 1.5 1.5 1.0 1.0	127 127 127 127 127	—II —III —IV	
OC22 OC23 OC24 OC25 OC26	47 55 47 40 32	32 40 40 40 32	15 15 15 10 10	2 2 2 4 4	50 - 50 - 50 - 12-50 20-60	2 2 2 1	1 1 1 4 1		3.0 3.0 3.0 2.0 1.2	127 127 127 127 127		
OC28 OC29 OC30 OC35 OC36	80 60 16 60 80	60 48 16 48 60	40 20 10 20 40	10 10 1.4 10 10	15-30 35-80 28 20-45 20-65	1 1 1 1	6 6 0.8 6 6	0.2 0.25 0.22 0.22	1.5 1.5 1.0 1.5 1.5	127 127 127 127 127		

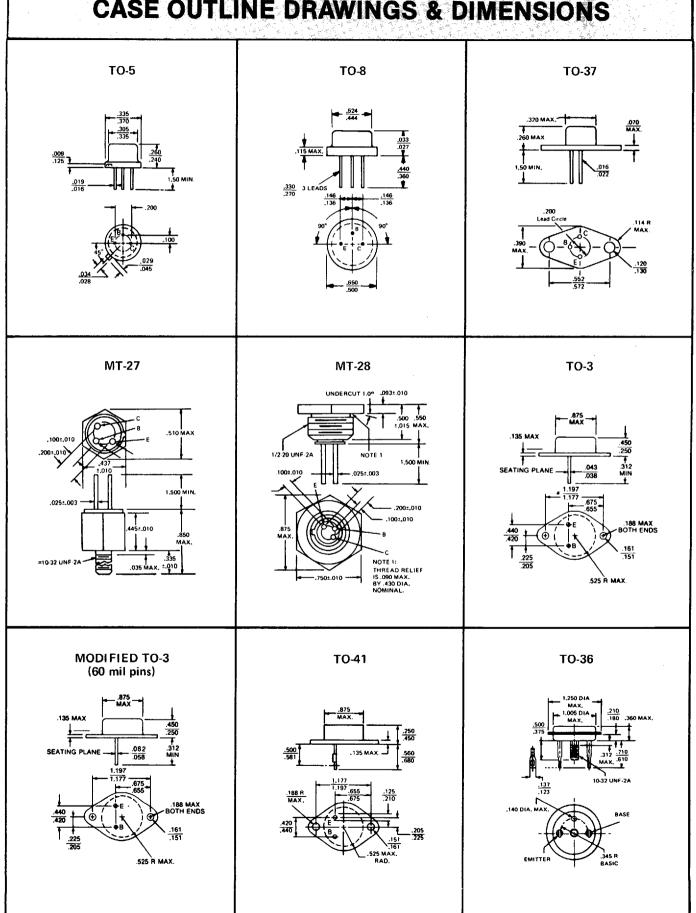
Outline numbers refer to Pro-Electron designations.

GERMANIUM POWER TRANSISTORS

Type Number	Case Type	V _{cno}	V _{CEO}	V _{EBO}	V _{CER}	V _{CES}	Min.	CURRE.	NT GAIN V _{CE} V	@ I _c	SAT V _{CE(s)}	URATIO!		IGES @ I. A	θ _{J-c} °C/W
						2 AMP (GERMA	NIUM P	NP		<u> </u>				
2N250 2N251 2N296	TO-3 TO-3 TO-3	30 60 60		15.0 15.0 15.0	60		30 30 20		2.0 2.0 2.0	.5 .5 1.0	.25 .25 1.00		.5 .5 1.0	.050 .050 .100	2.20 2.20 3.00
2N301 2N301A 2N307A	TO-3 TO-3 TO-3	40 60 35		10.0 10.0 10.0	50 50		30 30 30	70 70	1.5 1.5 1.0	.5 .5 .5					1.00 1.00 1.50

GERMANIUM POWER TRANSISTORS

CASE OUTLINE DRAWINGS & DIMENSIONS



GERMANIUM POWER TRANSISTORS

CASE OUTLINE DRAWINGS & DIMENSIONS TO-13 TO-66 MS-7 .360 MIN. MT-22 MT-23 MT-7 .09 DIA. (3) ... L COLLECTOR TO-68 MT-36 SEATING PLANE Germanium Power Devices Corporation

GERMANIUM POWER TRANSISTORS

CASE OUTLINE DRAWINGS & DIMENSIONS NS257 **TO-1** Dimensions in mm 15.7max 38.1^{min} 410 MAX. .050 MAX. SEATING PLANE TO-18 3 LEADS 0.019 DIA (34) - | | | | | | .019 (DIM A) 0.100 LLLL. .021 MAX (DIM B) - COLLECTOR 0.050 .250 MIN. 0.050 ALL DIMENSIONS ARE MAXIMUM IN INCHES UNLESS OTHERWISE (34) .061 THE COLLECTOR IS ELECTRICAL **ALL JEDEC TO-18 DIMENSIONS** CONTACT WITH THE CASE. AND NOTES ARE APPLICABLE.



ERMANIUM POWER DEVICES CORP.

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