

Zener Type No.	Zener Voltage at I_{ZT}		Max. Zener Impedance @ I_{ZT} Ohms	Zener Voltage Tolerance	Power Rating	Device Package	MICROSEMI Recommended Substitute
1N5366	39	30	14	No Suffix = 20%	5 watt	Alee ⁽²⁰⁾ (31)	
1N5367	43	30	20	Suffix A = 10%	"	"	
1N5368	47	25	25	Suffix B = 5%	"	"	
1N5369	51	25	27	" "	"	"	
1N5370	56	20	35	" "	"	"	
1N5371	60	20	40	" "	"	"	
1N5372	62	20	42	No Suffix = 20%	5 watts	Alee ⁽²⁰⁾ (31)	
1N5373	68	20	44	Suffix A = 10%	"	"	
1N5374	75	20	45	Suffix B = 5%	"	"	
1N5375	82	15	65	" "	"	"	
1N5376	87	15	75	" "	"	"	
1N5377	91	15	75	" "	"	"	
1N5378	100	12	90	" "	"	"	
1N5379	110	12	125	" "	"	"	
1N5380	120	10	170	" "	"	"	
1N5381	130	10	190	" "	"	"	
1N5382	140	8	230	" "	"	"	
1N5383	150	8	330	" "	"	"	
1N5384	160	8	350	" "	"	"	
1N5385	170	8	380	" "	"	"	
1N5386	180	5	430	" "	"	"	
1N5387	190	5	450	" "	"	"	
1N5388	200		480	" "	"	"	
Type No.	PIV	I_o 25°C	VF	IR	T_{RR}	Device Package	MICROSEMI Recommended Substitute
	Volts	Amps	Volts	μA			
		(55°C)			(n sec.)		
1N5415	50	3.0	1.1	1.0	150	E	
1N5416	100	3.0	1.1	1.0	150	E	
1N5417	200	3.0	1.1	1.0	150	E	
1N5418	400	3.0	1.1	1.0	150	E	
1N5419	500	3.0	1.1	1.0	250	E	
1N5420	600	3.0	1.1	1.0	400	E	
Zener Type No.	Zener Voltage at I_{ZT}		Max. Zener Impedance @ I_{ZT} Ohms	Zener Voltage Tolerance	Power Rating	Device Package	MICROSEMI Recommended Substitute
	Volts	@ mA					
1N5518 ⁽¹⁹⁾ (20)	3.3	20	26	No Suffix = $\pm$ 20%	400 mw	DO-7	
1N5519 ⁽¹⁹⁾ (20)	3.6	20	24	A Suffix = $\pm$ 10%	"	"	
1N5520 ⁽¹⁹⁾ (20)	3.9	20	22	B Suffix = $\pm$ 5%	"	"	
1N5521 ⁽¹⁹⁾ (20)	4.3	20	18	C Suffix = $\pm$ 2%	"	"	
1N5522 ⁽¹⁹⁾ (20)	4.7	10	22	D Suffix = $\pm$ 1%	"	"	
1N5523 ⁽¹⁹⁾ (20)	5.1	5	26	" "	"	"	
1N5524 ⁽¹⁹⁾ (20)	5.6	3	30	" "	"	"	
1N5525 ⁽¹⁹⁾ (20)	6.2	1	30	" "	"	"	
1N5526 ⁽¹⁹⁾ (20)	6.8	1	30	" "	"	"	
1N5527 ⁽¹⁹⁾ (20)	7.5	1	35	" "	"	"	
1N5528 ⁽¹⁹⁾ (20)	8.2	1	40	" "	"	"	
1N5529 ⁽¹⁹⁾ (20)	9.1	1	45	" "	"	"	
1N5530 ⁽¹⁹⁾ (20)	10.0	1	60	" "	"	"	
1N5531 ⁽¹⁹⁾ (20)	11.0	1	80	" "	"	"	
1N5532 ⁽¹⁹⁾ (20)	12.0	1	90	" "	"	"	
1N5533 ⁽¹⁹⁾ (20)	13.0	1	90	" "	"	"	
1N5534 ⁽¹⁹⁾ (20)	14.0	1	100	" "	"	"	
1N5535 ⁽¹⁹⁾ (20)	15.0	1	100	" "	"	"	
1N5536 ⁽¹⁹⁾ (20)	16.0	1	100	" "	"	"	
1N5537 ⁽¹⁹⁾ (20)	17.0	1	100	" "	"	"	
1N5538 ⁽¹⁹⁾ (20)	18.0	1	100	" "	"	"	
1N5539 ⁽¹⁹⁾ (20)	19.0	1	100	" "	"	"	
1N5540 ⁽¹⁹⁾ (20)	20.0	1	100	" "	"	"	
1N5541 ⁽¹⁹⁾ (20)	22.0	1	100	" "	"	"	
1N5542 ⁽¹⁹⁾ (20)	24.0	1	100	" "	"	"	
1N5543 ⁽¹⁵⁾ (20)	25.0	1	100	" "	"	"	
1N5544 ⁽¹⁵⁾ (20)	28.0	1	100	" "	"	"	
1N5545 ⁽¹⁹⁾ (20)	30.0	1	100	" "	"	"	
1N5546 ⁽¹⁹⁾ (20)	33.0	1	100	" "	"	"	

NOTE — Diode types presently available from Microsemi Corporation are shown in bold type.

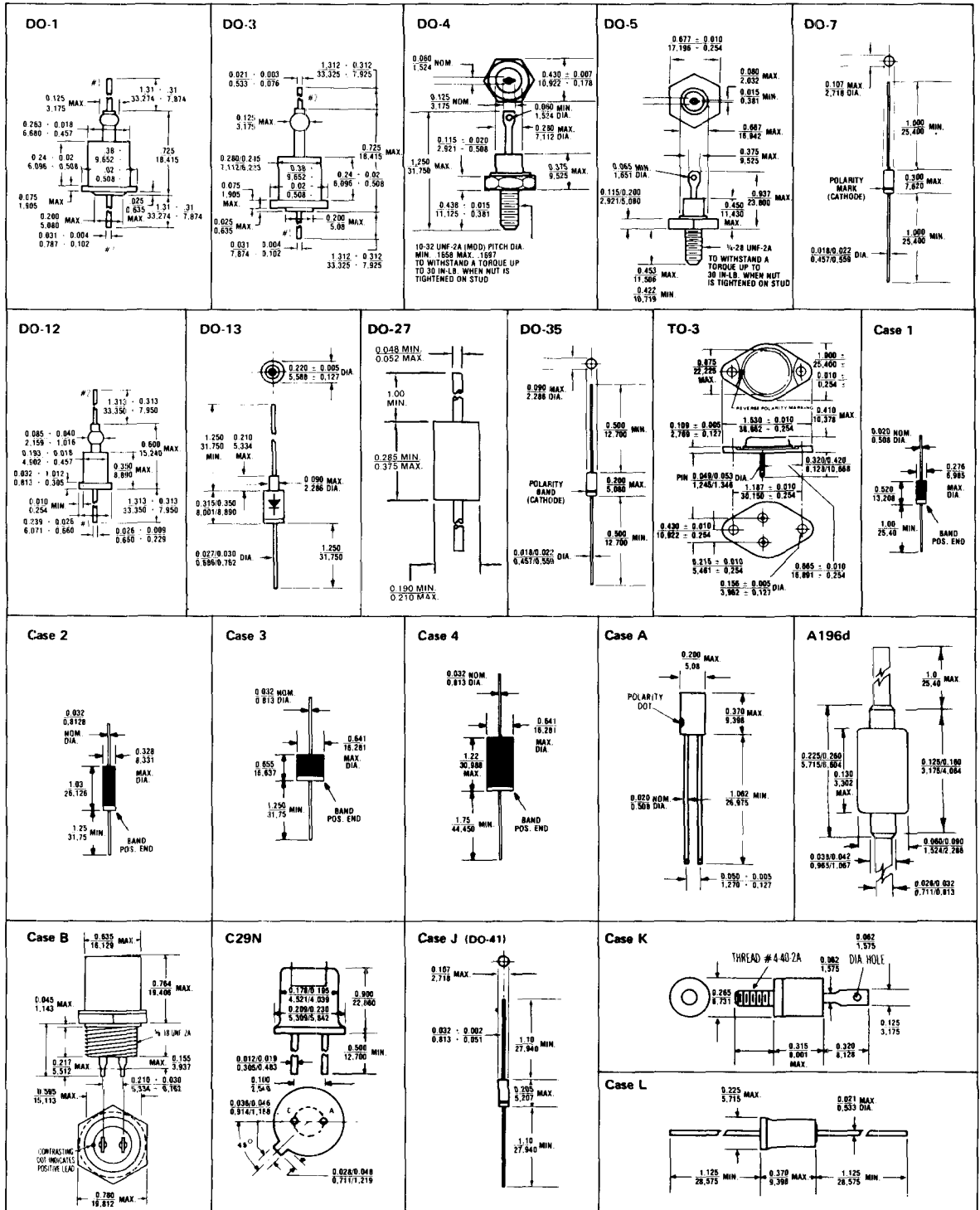
(19) Low reverse leakage diode

(27) Supplied by Microsemi in DO-7 Case

(28) Supplied by Microsemi in Case J (DO-41)

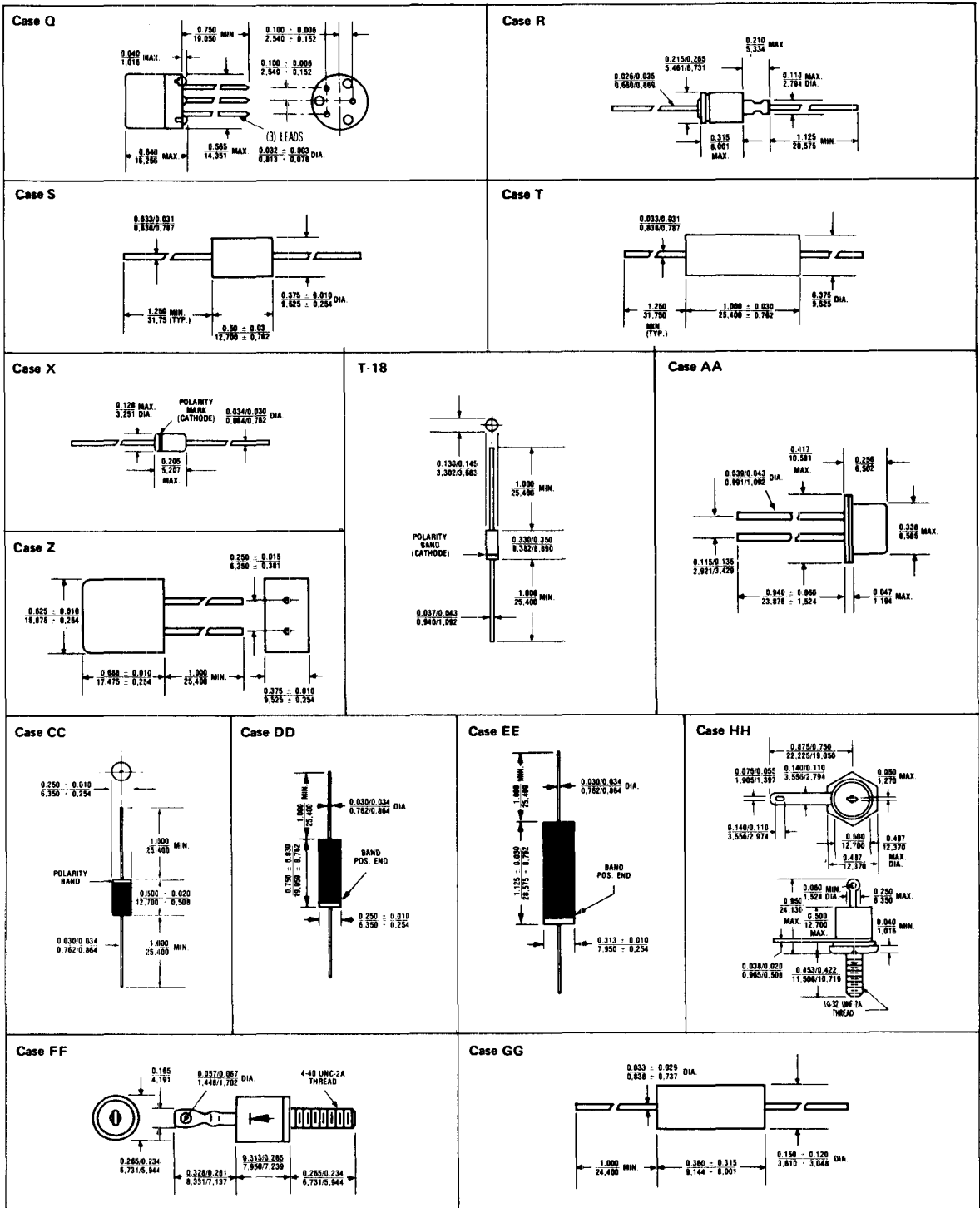
(30) This is the package referenced in the Autumn
1972 Semiconductor Diode & SCR D.A.T.A. book.

CASE CONFIGURATION CHART



All dimensions in INCH
m.m.

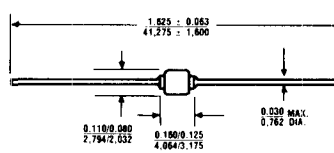
CASE CONFIGURATION CHART



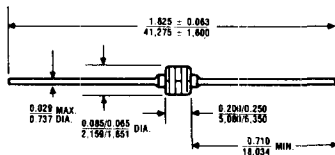
All dimensions in INCH
m.m.

CASE CONFIGURATION CHART

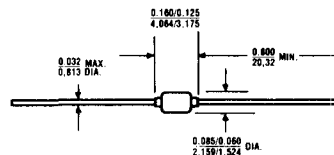
Case JJ



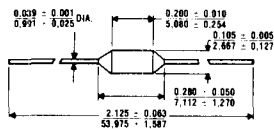
Case LL



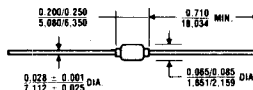
Case MM



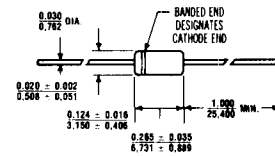
Case NN



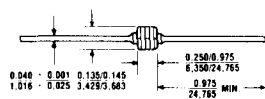
Case OO



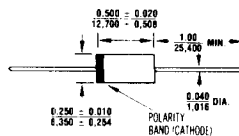
Case QQ



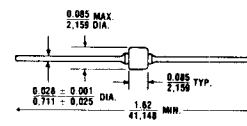
Case RR



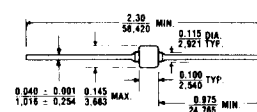
Case SS



Case UU



Case VV



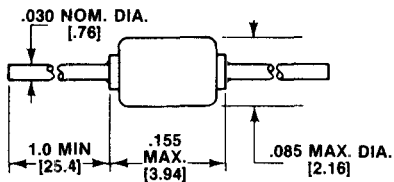
All dimensions in INCH
mm.

CASE CONFIGURATION CHART

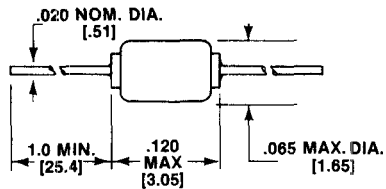
MECHANICAL CONFIGURATIONS PHYSICAL DIMENSIONS

DIMENSIONS IN INCHES (MM)

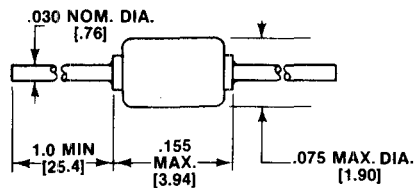
PACKAGE A



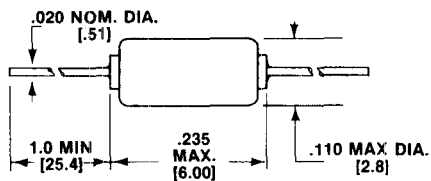
PACKAGE B [D034]



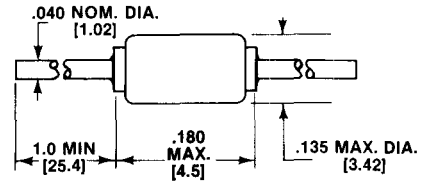
PACKAGE C



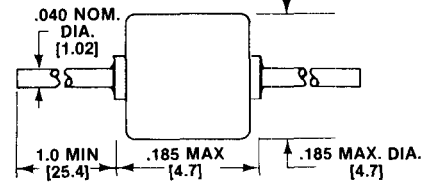
PACKAGE D



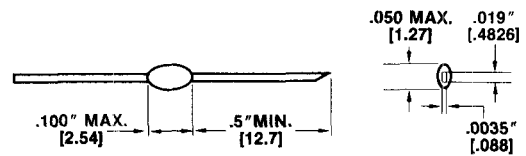
PACKAGE E



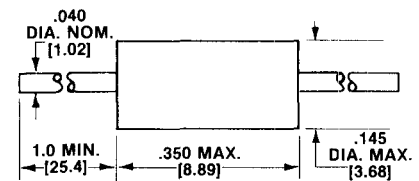
PACKAGE G



PACKAGE H



PACKAGE R



PACKAGE S

