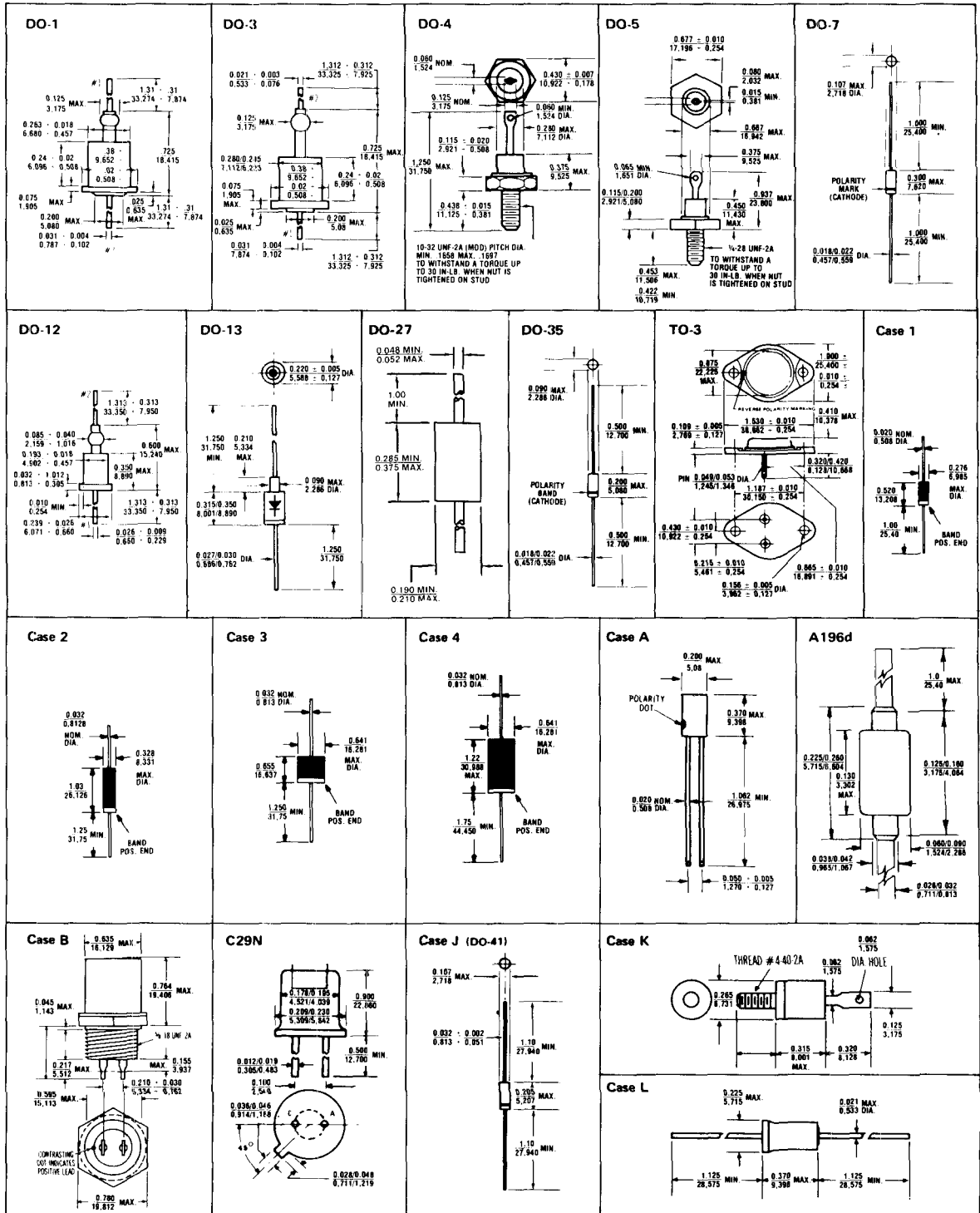


Zener Type No.	Zener Voltage at I <sub>ZT</sub>		Max. Zener Impedance @ I <sub>ZT</sub> Ohms	Zener Voltage Tolerance	Power Rating	Device Package	MICROSEMI Recommended Substitute
	Volts	@ mA					
1N3815	120.0	3.1	350.0	No Suffix = 20%	1.5 watt	Case AA <sup>(28)</sup>	2EZ120D
1N3816	130.0	2.9	400.0	Suffix A = 10%	"	"	2EZ130D
1N3817	150.0	2.5	700.0	Suffix B = 5%	"	"	2EZ150D
1N3818	160.0	2.3	750.0	" "	"	"	2EZ160D
1N3819	180.0	2.1	800.0	" "	"	"	2EZ180D
1N3820	200.0	1.9	1000.0	" "	"	"	2EZ200D
<b>1N3821</b>	3.3	76.0	10.0	No Suffix = 10%	1 watt	DO-13	
<b>1N3822</b>	3.6	69.0	10.0	Suffix A = 5%	"	"	
<b>1N3823</b>	3.9	64.0	9.0	" "	"	"	
<b>1N3824</b>	4.3	58.0	9.0	" "	"	"	
<b>1N3825</b>	4.7	53.0	8.0	" "	"	"	
<b>1N3826</b>	5.1	49.0	7.0	" "	"	"	
<b>1N3827</b>	5.6	45.0	5.0	" "	"	"	
<b>1N3828</b>	6.2	41.0	2.0	" "	"	"	
<b>1N3829</b>	6.8	37.0	1.5	" "	"	"	
<b>1N3830</b>	7.5	34.0	1.5	" "	"	"	
Type No.	PIV	I <sub>o</sub> 25°C	VF	IR	T <sub>RR</sub>	Device Package	MICROSEMI Recommended Substitute
	Volts	Amps	Volts	μA			
<b>1N3879</b>	50	6	1.4	15	200 (n sec)	DO4	
<b>1N3880</b>	100	6	1.4	15	200	DO4	
<b>1N3881</b>	200	6	1.4	15	200	DO4	
<b>1N3882</b>	300	6	1.4	15	200	DO4	
<b>1N3883</b>	400	6	1.4	15	200	DO4	
<b>1N3889</b>	50	12	1.4	25	200 (n sec)	DO4	
<b>1N3890</b>	100	12	1.4	25	200	DO4	
<b>1N3891</b>	200	12	1.4	25	200	DO4	
<b>1N3892</b>	300	12	1.4	25	200	DO4	
<b>1N3893</b>	400	12	1.4	25	200	DO4	
Zener Type No.	Zener Voltage at I <sub>ZT</sub>		Max. Zener Impedance @ I <sub>ZT</sub> Ohms	Zener Voltage Tolerance	Power Rating	Device Package	MICROSEMI Recommended Substitute
	Volts	@ mA					
<b>1N3949</b>	20.0	250.0	3.0	5%	10 watt	DO-4	
<b>1N3950</b>	20.0	19.0	15.0	5%	1.5 watt	Case AA <sup>(28)</sup>	
<b>1N3951</b>	25.0	15.0	18.0	"	"	"	
Type No.	PIV	I <sub>o</sub> 25°C	VF	IR	T <sub>RR</sub>	Device Package	MICROSEMI Recommended Substitute
	Volts	Amps	Volts	μA			
<b>1N3957</b>	1150	(100°C)A 1.0	1.1	1.0		A	
Zener Type No.	Zener Voltage at I <sub>ZT</sub>		Max. Zener Impedance @ I <sub>ZT</sub> Ohms	Zener Voltage Tolerance	Power Rating	Device Package	MICROSEMI Recommended Substitute
	Volts	@ mA					
<b>1N3984</b>	5.5	1000.0	0.7	5%	10 watt	DO-4	
<b>1N3985</b>	6.0	1000.0	0.7	"	"	"	
<b>1N3986</b>	6.2	805.0	1.5	5%	10 watt	DO-4	
<b>1N3993</b>	3.9	640.0	2.0	No Suffix = 10%	10 watt	DO-4	
<b>1N3994</b>	4.3	580.0	1.5	Suffix A = 5%	"	"	
<b>1N3995</b>	4.7	530.0	1.2	Suffix R = Rev. Polarity	"	"	
<b>1N3996</b>	5.1	490.0	1.1	" "	"	"	
<b>1N3997</b>	5.6	445.0	1.0	" "	"	"	
<b>1N3998</b>	6.2	405.0	1.1	" "	"	"	
<b>1N3999</b>	6.8	370.0	1.2	" "	"	"	
<b>1N4000</b>	7.5	335.0	1.3	" "	"	"	
<b>1N4010<sup>(2)</sup></b>	6.2 ± 5%	7.5	15.0	T.C. <sup>(14)</sup>	400mw	DO-7	
<b>1N4016</b>	8.2	150.0	1.5	No Suffix = 20%	5 watt	DO-4	
<b>1N4017</b>	9.1	135.0	2.0	Suffix A = 10%	"	"	
<b>1N4018</b>	10.0	125.0	2.0	Suffix B = 5%	"	"	
<b>1N4019</b>	11.0	115.0	2.5	" "	"	"	
<b>1N4020</b>	12.0	105.0	2.5	" "	"	"	
<b>1N4021</b>	13.0	95.0	3.0	" "	"	"	
<b>1N4022</b>	15.0	85.0	"	" "	"	"	
<b>1N4023</b>	16.0	80.0	"	" "	"	"	
<b>1N4024</b>	18.0	70.0	4.0	" "	"	"	
<b>1N4025</b>	20.0	65.0	4.0	" "	"	"	
<b>1N4026</b>	22.0	55.0	5.0	" "	"	"	
<b>1N4027</b>	24.0	50.0	6.0	" "	"	"	

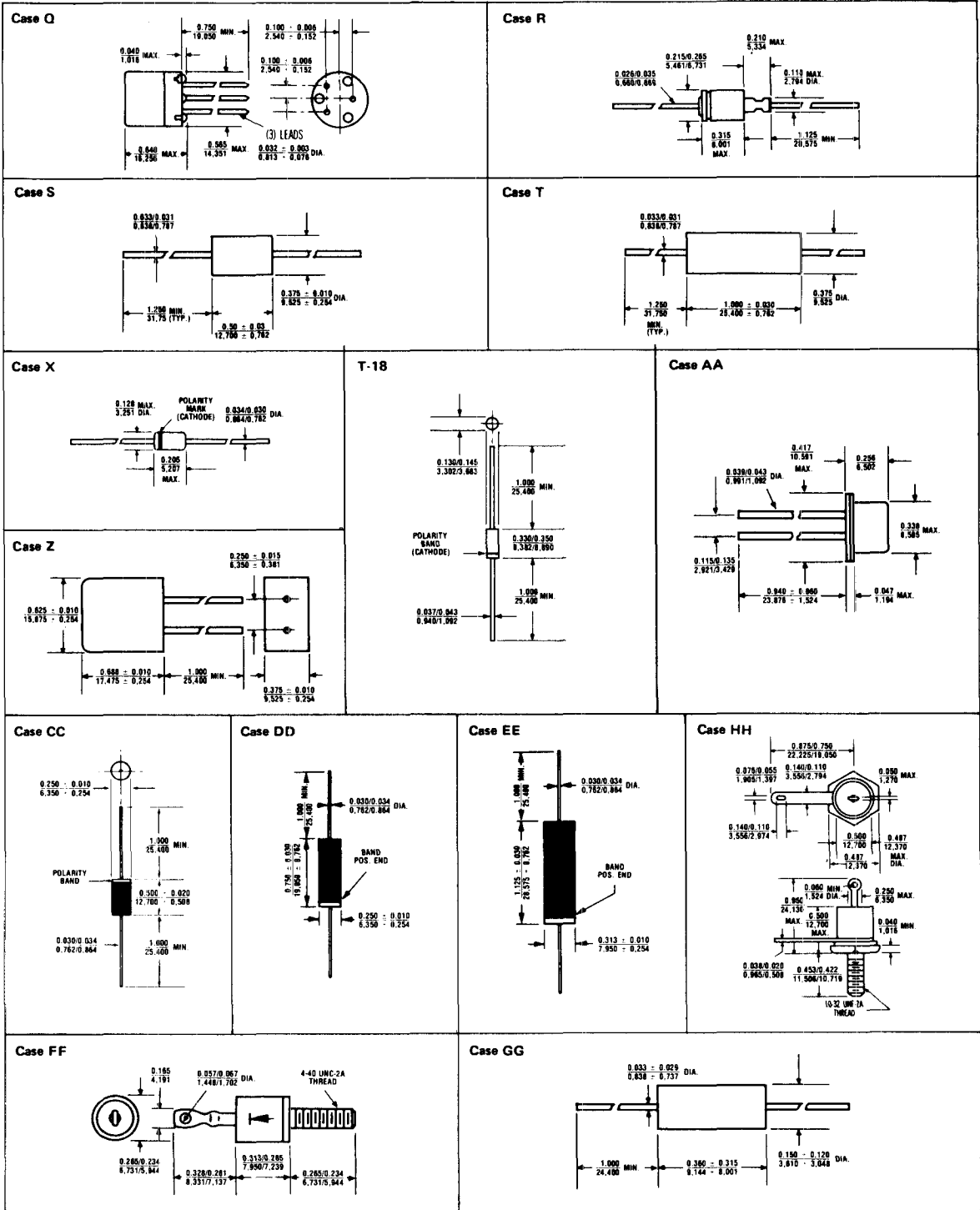
NOTE — Diode types presently available from Microsemi Corporation are shown in bold type.

# CASE CONFIGURATION CHART



All dimensions in INCH  
m. m.

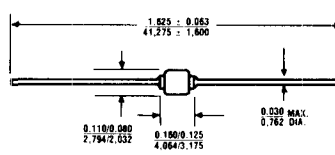
# CASE CONFIGURATION CHART



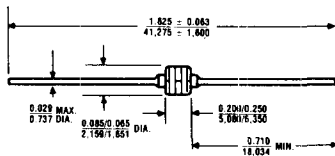
All dimensions in INCH  
m.m.

# CASE CONFIGURATION CHART

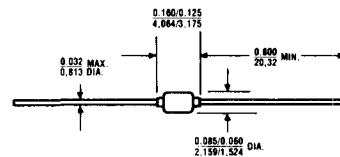
Case JJ



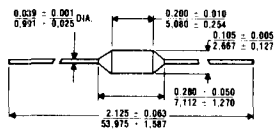
Case LL



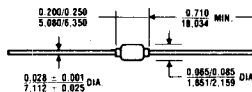
Case MM



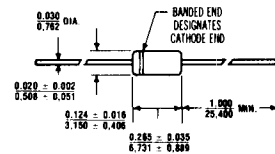
Case NN



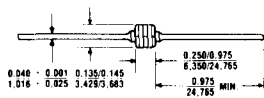
Case OO



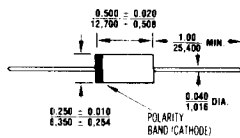
Case QQ



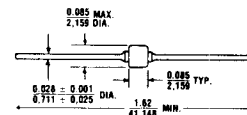
Case RR



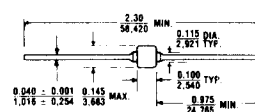
Case SS



Case UU



Case VV



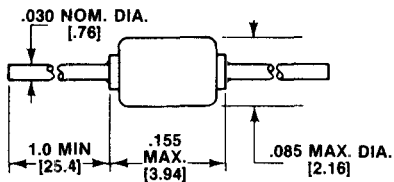
All dimensions in INCH  
m. m.

# CASE CONFIGURATION CHART

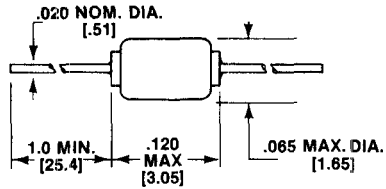
## MECHANICAL CONFIGURATIONS PHYSICAL DIMENSIONS

DIMENSIONS IN INCHES (MM)

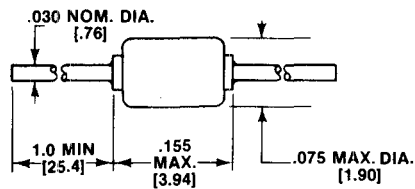
PACKAGE A



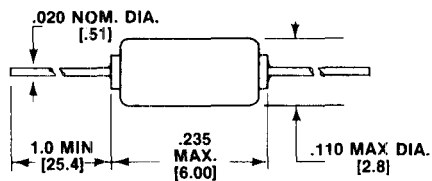
PACKAGE B [D034]



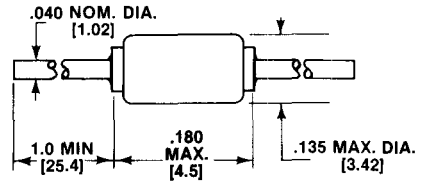
PACKAGE C



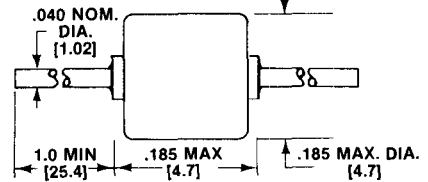
PACKAGE D



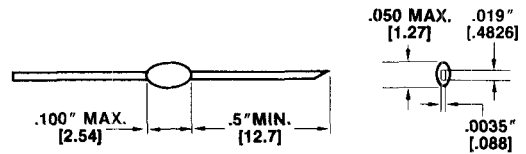
PACKAGE E



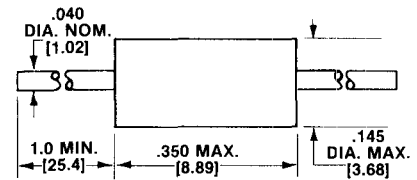
PACKAGE G



PACKAGE H



PACKAGE R



PACKAGE S

