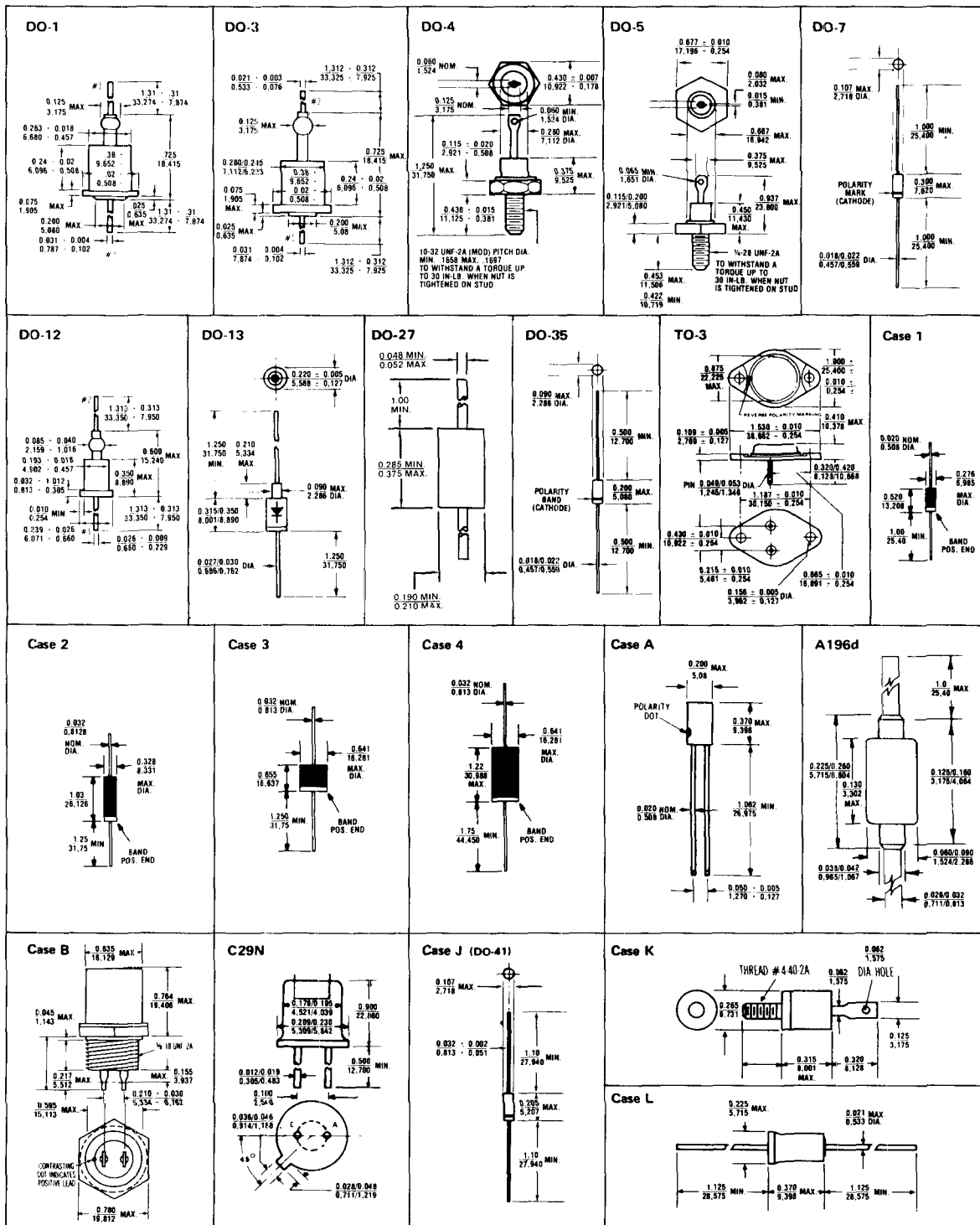


Zener Type No.	Zener Voltage at I_{ZT}		Max. Zener Impedance @ I_{ZT} , Ohms	Zener Voltage Tolerance	Power Rating	Device Package	MICROSEMI Recommended Substitute
1N938 (2)	9.0 ± 5%	7.5	20.0	T.C. = .001% / °C(7)	"	"	
1N939 (2)	9.0 ± 5%	"	20.0	T.C. = .0005% / °C(7)	"	"	
1N940 (2)	9.0 ± 5%	"	20.0	T.C. = .0002% / °C(7)	"	"	
1N941 (2)	11.7 ± 5%	7.5	30.0	T.C. = .01% / °C(7)	"	"	
1N942 (2)	11.7 ± 5%	"	30.0	T.C. = .005% / °C(7)	"	"	
1N943 (2)	11.7 ± 5%	"	30.0	T.C. = .002% / °C(7)	"	"	
1N944 (2)	11.7 ± 5%	"	30.0	T.C. = .001% / °C(7)	"	"	
1N945 (2)	11.7 ± 5%	"	30.0	T.C. = .0005% / °C(7)	"	"	
1N946 (2)	11.7 ± 5%	"	30.0	T.C. = .0002% / °C(7)	"	"	
1N957	6.8	18.5	4.5	No Suffix = 20%	400 mw	DO-7/DO-35	
1N958	7.5	16.5	5.5	Suffix A = 10%	"	"	
1N959	8.2	15.0	6.5	Suffix B = 5%	"	"	
1N960	9.1	14.0	7.5	" "	"	"	
1N961	10.0	12.5	8.5	" "	"	"	
1N962	11.0	11.5	9.5	" "	"	"	
1N963	12.0	10.5	11.5	" "	"	"	
1N964	13.0	9.5	13.0	" "	"	"	
1N965	15.0	8.5	16.0	" "	"	"	
1N966	16.0	7.8	17.0	No Suffix = 20%	400 mw	DO-7/DO-35	
1N967	18.0	7.0	21.0	Suffix A = 10%	"	"	
1N968	20.0	6.2	25.0	Suffix B = 5%	"	"	
1N969	22.0	5.6	29.0	" "	"	"	
1N970	24.0	5.2	33.0	" "	"	"	
1N971	27.0	4.6	41.0	" "	"	"	
1N972	30.0	4.2	49.0	" "	"	"	
1N973	33.0	3.8	58.0	" "	"	"	
1N974	36.0	3.4	70.0	" "	"	"	
1N975	39.0	3.2	80.0	" "	"	"	
1N976	43.0	3.0	93.0	" "	"	"	
1N977	47.0	2.7	105.0	" "	"	"	
1N978	51.0	2.5	125.0	" "	"	"	
1N979	56.0	2.2	150.0	" "	"	DO-7	
1N980	62.0	2.0	185.0	" "	"	"	
1N981	68.0	1.8	230.0	" "	"	"	
1N982	75.0	1.7	270.0	" "	"	"	
1N983	82.0	1.5	330.0	" "	"	"	
1N984	91.0	1.4	400.0	" "	"	"	
1N985	100.0	1.3	500.0	" "	"	"	
1N986	110.0	1.1	750.0	" "	"	"	
1N987	120.0	1.0	900.0	" "	"	"	
1N988	130.0	0.95	1100.0	" "	"	"	
1N989	150.0	0.85	1500.0	" "	"	"	
1N990	160.0	0.80	1700.0	" "	"	"	
1N991	180.0	0.68	2200.0	" "	"	"	
1N992	200.0	0.65	2500.0	" "	"	"	
1N1313	7.5 - 10.0	0.20	—	Suffix A = 5%	150mw	Case A(8)	
1N1314	9.0 - 12.0	"	—	" "	"	"	
1N1315	11.0 - 14.5	"	—	" "	"	"	
1N1316	13.5 - 18.0	"	—	" "	"	"	
1N1317	17.0 - 21.0	"	—	" "	"	"	
1N1318	20.0 - 27.0	"	—	" "	"	"	
1N1319	25.0 - 32.0	"	—	" "	"	"	
1N1320	30.0 - 39.0	"	—	" "	"	"	
1N1321	37.0 - 45.0	"	—	" "	"	"	
1N1322	43.0 - 54.0	"	—	" "	"	"	
1N1323	52.0 - 64.0	"	—	" "	"	"	
1N1324	62.0 - 80.0	"	—	" "	"	"	
1N1325	75.0 - 100	"	—	" "	"	"	
1N1326	90.0 - 120	"	—	" "	"	"	
1N1327	110 - 145	"	—	" "	"	"	
1N1351	10.0	500.0	2.0	No Suffix = 10%	10 watt	DO-4	
1N1352	11.0	500.0	2.0	Suffix A = 5%	"	"	
1N1353	12.0	500.0	2.0	Suffix R = Rev. Polarity	"	"	
1N1354	13.0	500.0	2.0	" "	"	"	
1N1355	15.0	500.0	2.0	" "	"	"	
1N1356	16.0	500.0	3.0	" "	"	"	
1N1357	18.0	150.0	3.0	" "	"	"	
1N1358	20.0	150.0	3.0	" "	"	"	
1N1359	22.0	150.0	3.0	" "	"	"	
1N1360	24.0	150.0	3.0	" "	"	"	
1N1361	27.0	150.0	3.0	" "	"	"	
1N1362	30.0	150.0	4.0	" "	"	"	

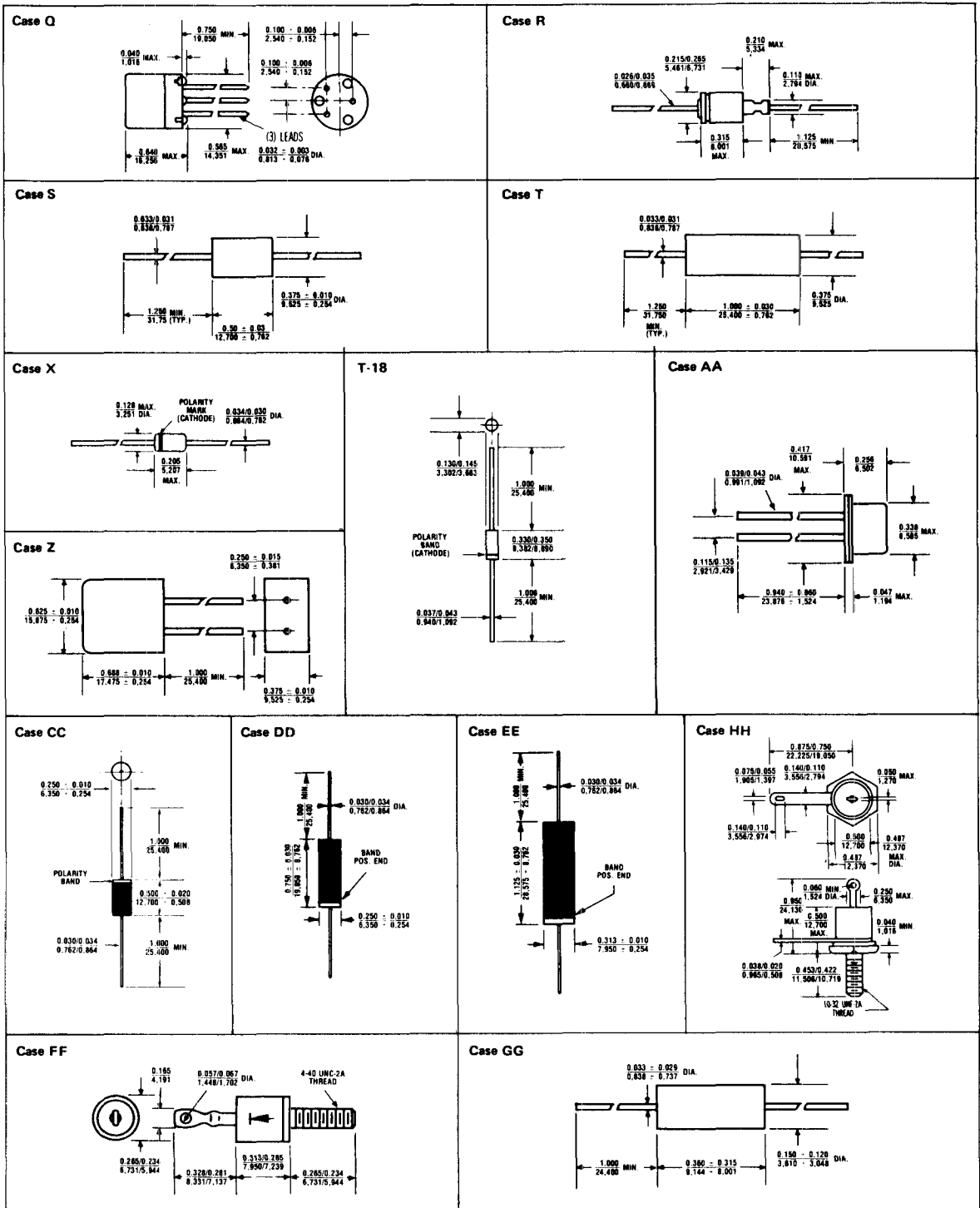
NOTE — Diode types presently available from Microsemi Corporation are shown in bold type. (8) Microsemi device utilizes glass submounted in epoxy.

CASE CONFIGURATION CHART



All dimensions in $\frac{\text{INCH}}{\text{M.M.}}$

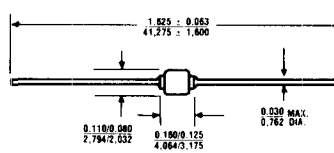
CASE CONFIGURATION CHART



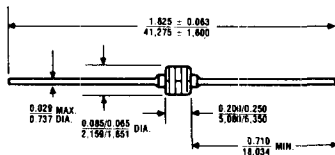
All dimensions in INCH
m.m.

CASE CONFIGURATION CHART

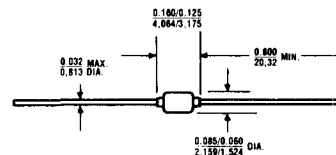
Case JJ



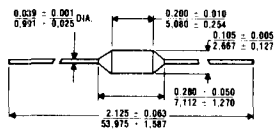
Case LL



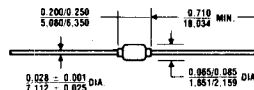
Case MM



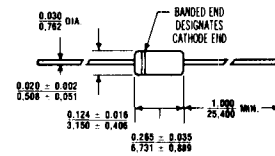
Case NN



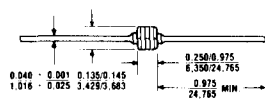
Case OO



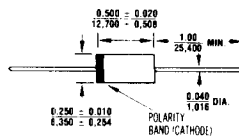
Case QQ



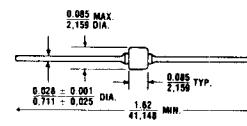
Case RR



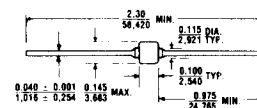
Case SS



Case UU



Case VV



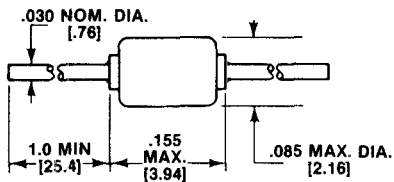
All dimensions in INCH
mm.

CASE CONFIGURATION CHART

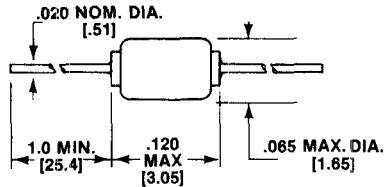
MECHANICAL CONFIGURATIONS PHYSICAL DIMENSIONS

DIMENSIONS IN INCHES (MM)

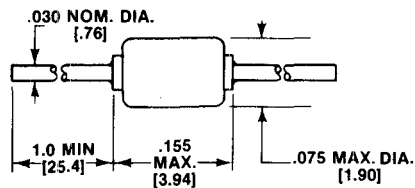
PACKAGE A



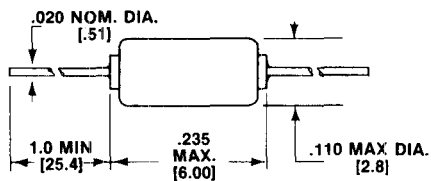
PACKAGE B [D034]



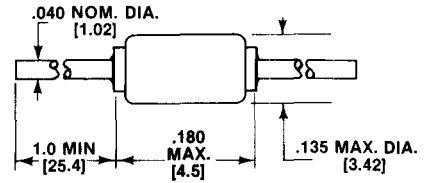
PACKAGE C



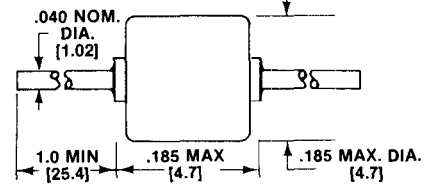
PACKAGE D



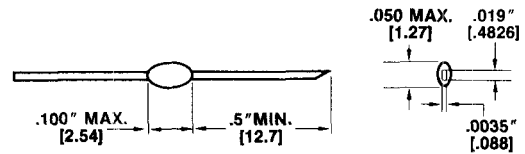
PACKAGE E



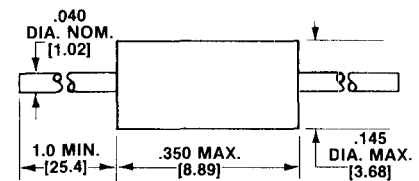
PACKAGE G



PACKAGE H



PACKAGE R



PACKAGE S

