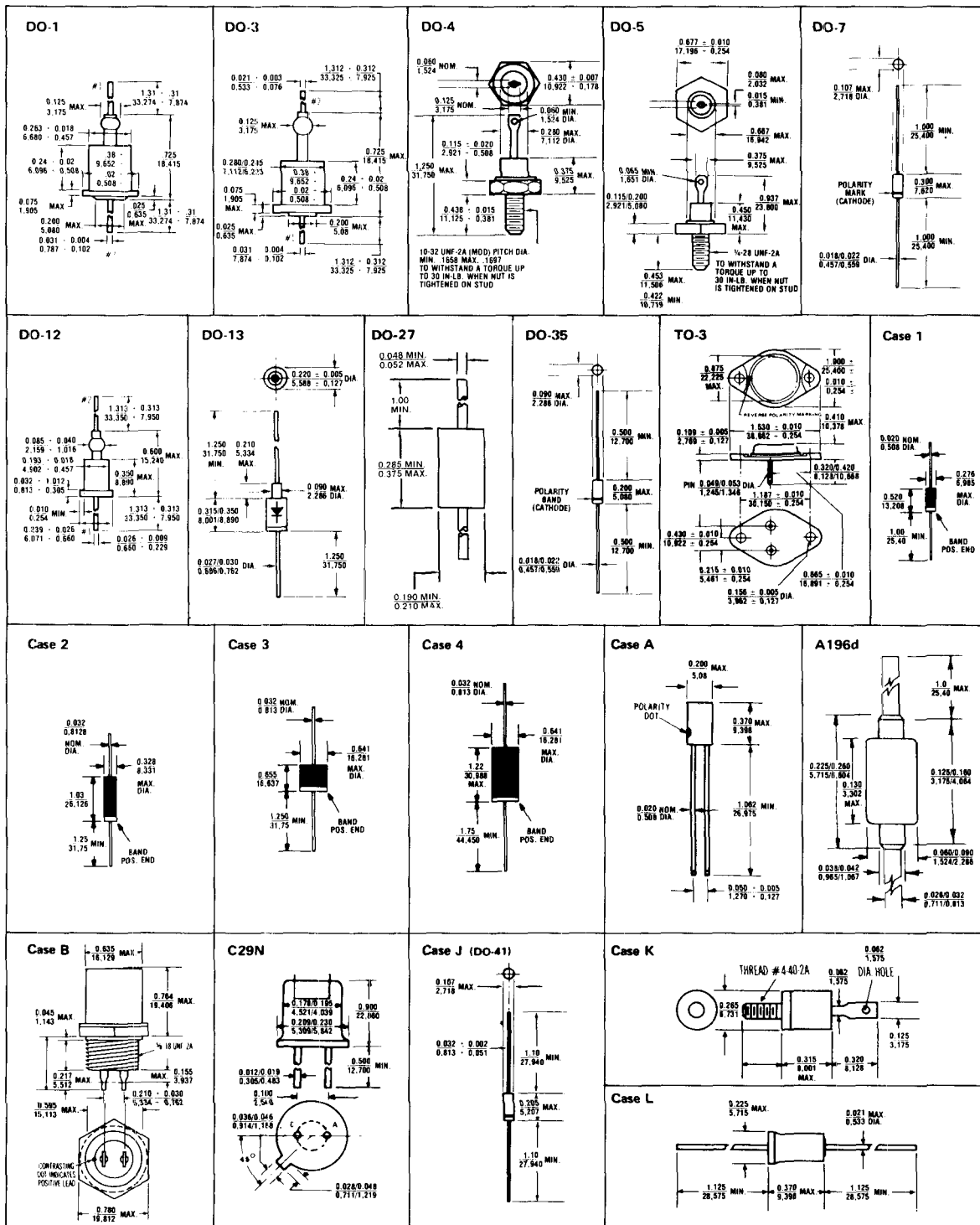


Zener Type No.	Zener Voltage at I_{ZT}		Max. Zener Impedance @ I_{ZT} Ohms	Zener Voltage Tolerance	Power Rating	Device Package	MICROSEMI Recommended Substitute
Volts	@ mA						
1N3350	200.0	65.0	100.0	" "	"	"	
1N3392 thru 1N3432 is an obsolete 500mw series							
1N3433 thru 1N3463 is an obsolete 2 watt series							
1N3477	2.2	5.0	60 @ 10mA	No Suffix = 10% Suffix A = 5%	250mw	DO-7	
1N3496 ⁽²⁾	5.9 - 6.5	7.5	15.0	T.C. = .005%/°C ⁽⁷⁾	"	DO-7	
1N3497 ⁽²⁾	5.9 - 6.5	"	"	T.C. = .002%/°C ⁽⁷⁾	"	"	
1N3498 ⁽²⁾	5.9 - 6.5	"	"	T.C. = .001%/°C ⁽⁷⁾	"	"	
1N3499 ⁽²⁾	5.9 - 6.5	"	"	T.C. = .0005%/°C ⁽⁷⁾	"	"	
1N3500 ⁽²⁾	5.9 - 6.5	"	"	T.C. = .01%/°C ⁽⁷⁾	"	"	
1N3501 ^(2,18)	6.2 - 6.5	"	12.0	T.C. = .0013%/°C ⁽¹³⁾	250mw	DO-7	
1N3502 ^(2,18)	6.2 - 6.5	"	"	T.C. = .0006%/°C ⁽¹³⁾	"	"	
1N3503 ^(2,18)	6.2 - 6.5	"	"	T.C. = .0013%/°C ⁽¹³⁾	"	"	
1N3504 ^(2,18)	6.2 - 6.5	"	"	T.C. = .0013%/°C ⁽¹³⁾	"	"	
1N3506 ⁽¹⁹⁾	3.3	20.0	24.0	5%	400mw	DO-7	
1N3507 ⁽¹⁹⁾	3.6	"	22.0	"	"	"	
1N3508 ⁽¹⁹⁾	3.9	"	20.0	"	"	"	
1N3509 ⁽¹⁹⁾	4.3	"	18.0	"	"	"	
1N3510 ⁽¹⁹⁾	4.7	"	16.0	"	"	"	
1N3511 ⁽¹⁹⁾	5.1	"	14.0	"	"	"	
1N3512 ⁽¹⁹⁾	5.6	"	8.0	"	"	"	
1N3513 ⁽¹⁹⁾	6.2	"	3.0	"	"	"	
1N3514 ⁽¹⁹⁾	6.8	"	"	"	"	"	
1N3515 ⁽¹⁹⁾	7.5	10.0	4.0	"	"	"	
1N3516 ⁽¹⁹⁾	8.2	"	5.0	"	"	"	
1N3517 ⁽¹⁹⁾	9.1	"	6.0	"	"	"	
1N3518 ⁽¹⁹⁾	10.0	10.0	7.0	5%	400mw	DO-7	
1N3519 ⁽¹⁹⁾	11.0	"	8.0	"	"	"	
1N3520 ⁽¹⁹⁾	12.0	"	10.0	"	"	"	
1N3521 ⁽¹⁹⁾	13.0	5.0	42.0	"	"	"	
1N3522 ⁽¹⁹⁾	15.0	"	14.0	"	"	"	
1N3523 ⁽¹⁹⁾	16.0	"	16.0	"	"	"	
1N3524 ⁽¹⁹⁾	18.0	"	18.0	"	"	"	
1N3525 ⁽¹⁹⁾	20.0	"	20.0	"	"	"	
1N3526 ⁽¹⁹⁾	22.0	"	35.0	"	"	"	
1N3527 ⁽¹⁹⁾	24.0	"	38.0	"	"	"	
1N3528 ⁽¹⁹⁾	27.0	4.0	40.0	"	"	"	
1N3529 ⁽¹⁹⁾	30.0	"	48.0	"	"	"	
1N3530 ⁽¹⁹⁾	33.0	3.0	50.0	"	"	"	
1N3531 ⁽¹⁹⁾	36.0	"	75.0	"	"	"	
1N3532 ⁽¹⁹⁾	39.0	"	100.0	"	"	"	
1N3533 ⁽¹⁹⁾	43.0	2.0	130.0	"	"	"	
1N3534 ⁽¹⁹⁾	47.0	"	150.0	"	"	"	
1N3537 ⁽¹⁾	11.0 - 13.0	25.0	7.0	8%	1 watt	Case R ⁽⁹⁾	1N3022
1N3553 ⁽²⁾	6.3 ± 3.2%	7.5	15.0	T.C. = .01%/°C ⁽⁴⁾	250mw	DO-7	
1N3580 ⁽²⁾	11.7 ± 5%	"	25.0	T.C. = .01%/°C ⁽⁷⁾	750mw	DO-13	1N941 ⁽²⁷⁾
1N3581 ⁽²⁾	11.7 ± 5%	"	"	T.C. = .005%/°C ⁽⁷⁾	"	"	1N942 ⁽²⁷⁾
1N3582 ⁽²⁾	11.7 ± 5%	"	"	T.C. = .002%/°C ⁽⁷⁾	"	"	1N943 ⁽²⁷⁾
1N3583 ⁽²⁾	11.7 ± 5%	"	"	T.C. = .001%/°C ⁽⁷⁾	"	"	1N944 ⁽²⁷⁾
1N3584 ⁽²⁾	11.7 ± 5%	"	"	T.C. = .0005%/°C ⁽⁷⁾	"	"	1N945 ⁽²⁷⁾
Type No.	PIV	I_o 25°C	VF	IR	T_{RR}	Device Package	MICROSEMI Recommended Substitute
	Volts	Amps	Volts	μA			
1N3595	150	—	.83 min. 1.00 max.	1.0(nA)	(m sec.) 3.0	DO35	
1N3611	200	(100°C)A	1.1	1.0		A	
1N3612	400	1.0	1.1	1.0		A	
1N3613	600	1.0	1.1	1.0		A	
1N3614	800	1.0	1.1	1.0		A	
1N3644	1500	(55°C) .25	5.0	5		S	
1N3645	2000	.25	5.0	5		S	
1N3646	2500	.25	5.0	5		S	
1N3647	3000	.25	5.0	5		S	
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						
1N3675	6.8	18.5	4.5	No Suffix = 20%	750mw	Case X ⁽²⁸⁾	
1N3676	7.5	16.5	5.5	Suffix A = 10%	"	"	
1N3677	8.2	15.0	6.5	Suffix B = 5%	"	"	

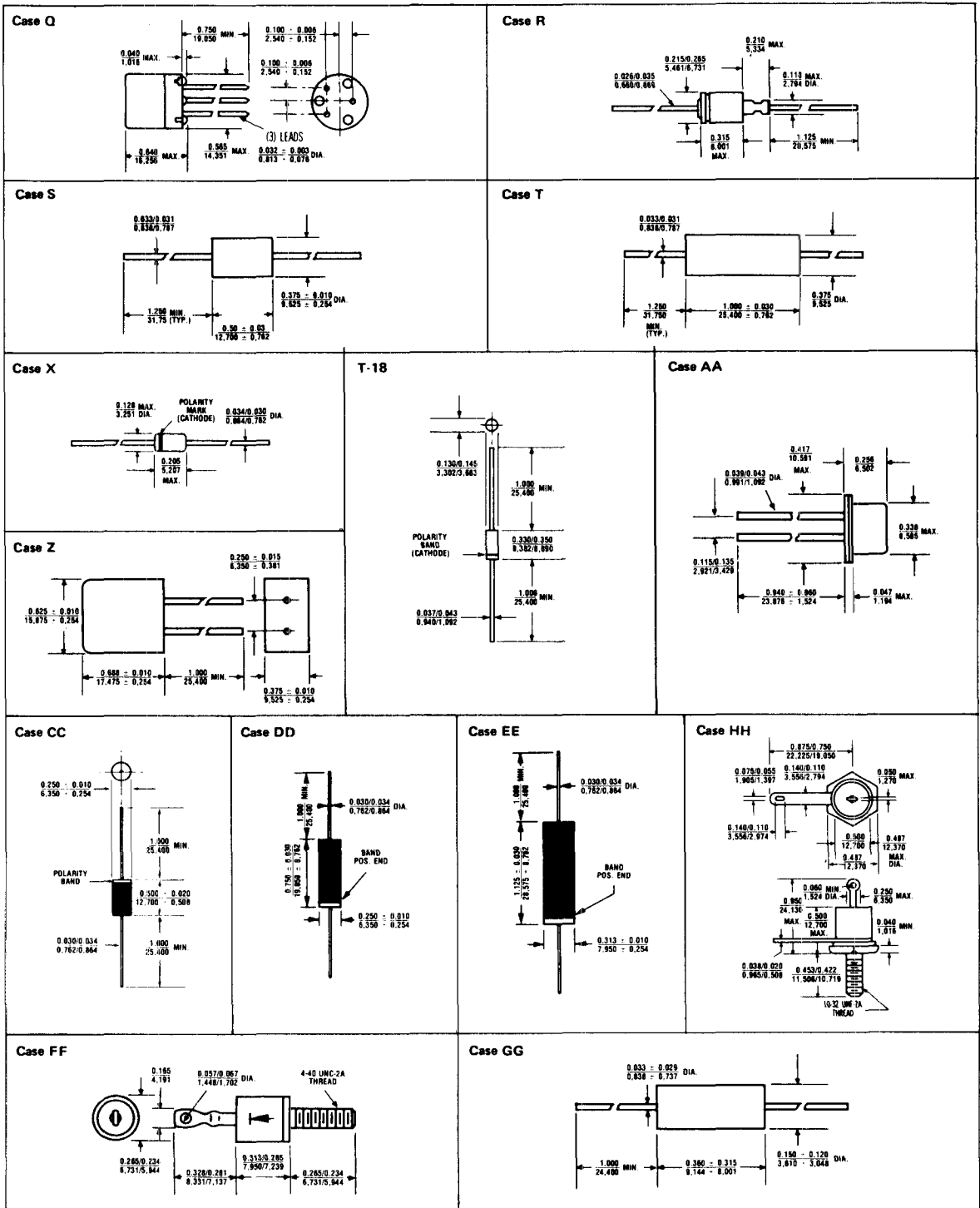
NOTE — Diode types presently available from Microsemi Corporation are shown in bold type.

CASE CONFIGURATION CHART



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

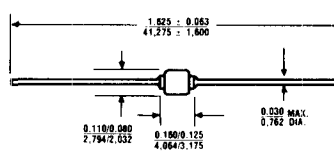
CASE CONFIGURATION CHART



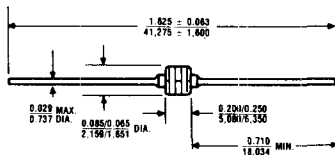
All dimensions in INCH
m.m.

CASE CONFIGURATION CHART

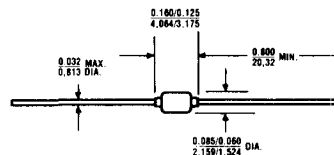
Case JJ



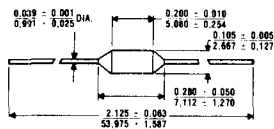
Case LL



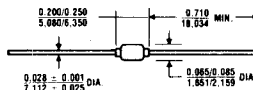
Case MM



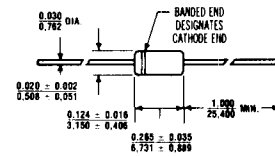
Case NN



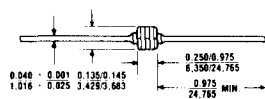
Case OO



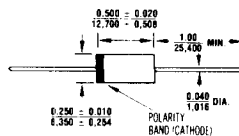
Case QQ



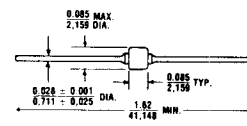
Case RR



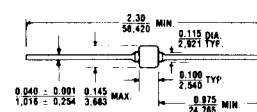
Case SS



Case UU



Case VV



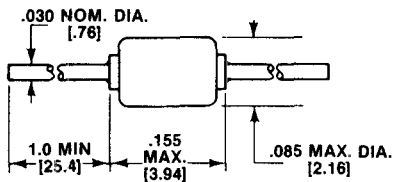
All dimensions in INCH
mm.

CASE CONFIGURATION CHART

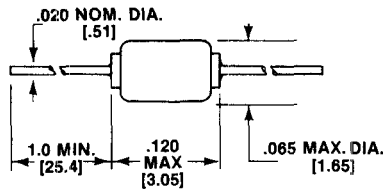
MECHANICAL CONFIGURATIONS PHYSICAL DIMENSIONS

DIMENSIONS IN INCHES (MM)

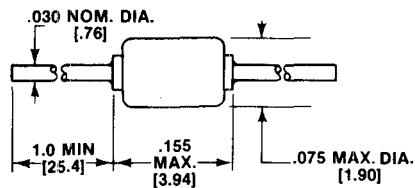
PACKAGE A



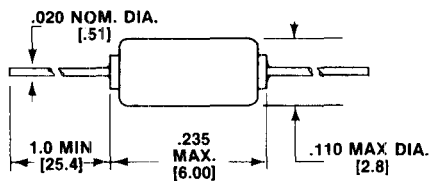
PACKAGE B [D034]



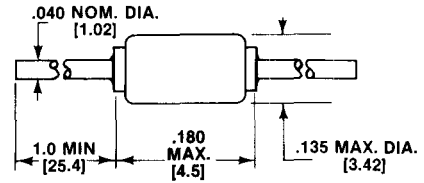
PACKAGE C



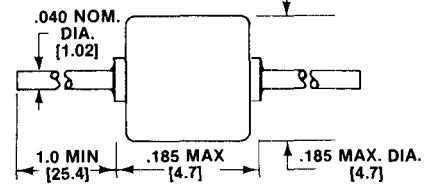
PACKAGE D



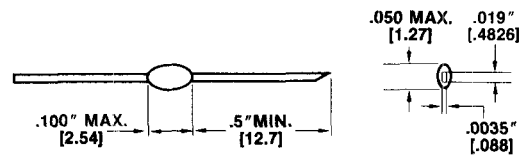
PACKAGE E



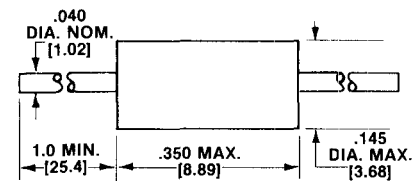
PACKAGE G



PACKAGE H



PACKAGE R



PACKAGE S

