

CDIL DO-35 Professional Grade Zener Diodes (400 mW)

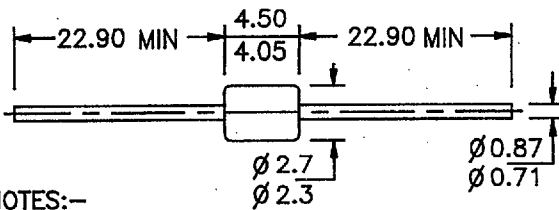
Electrical Characteristics (At Ta=25°C, Unless Otherwise Specified)													
Type No.	V _{ZT} at I _{ZT}			r _{ZT} at I _{ZT}	I _{ZT}	r _{ZK} at I _{ZK}	I _{ZK}	Temp. Coeff. of Zener Voltage typ (%/°C)	I _R at V _R Ta 25°C max (μA)	V _R	I _{ZM}	P _D	V _F @ I _F
	min	nom	max	max (Ohm)	(mA)	max (Ohm)	(mA)		(V)	(mA)	(W)	max (V)	(mA)
1N957	6.8			4.5	18.5	700	1	+0.05	150	5.2	55	0.4	1.5 200
1N958	7.5			5.5	16.5	700	0.5	+0.058	75	5.7	50	0.4	1.5 200
1N959	8.2			6.5	15	700	0.5	+0.065	50	6.2	45	0.4	1.5 200
1N960	9.1			7.5	14	700	0.5	+0.068	25	6.9	41	0.4	1.5 200
1N961	10			8.5	12.5	700	0.25	+0.075	10	7.6	38	0.4	1.5 200
1N962	11			9.5	11.5	700	0.25	+0.076	5	8.4	32	0.4	1.5 200
1N963	12			11.5	10.5	700	0.25	+0.077	5	9.1	31	0.4	1.5 200
1N964	13			13	9.5	700	0.25	+0.079	5	9.9	28	0.4	1.5 200
1N965	15			16	8.5	700	0.25	+0.082	5	11.4	25	0.4	1.5 200
1N966	16			17	7.8	700	0.25	+0.083	5	12.2	24	0.4	1.5 200
1N967	18			21	7	750	0.25	+0.085	5	13.7	20	0.4	1.5 200
1N968	20			25	6.2	750	0.25	+0.086	5	15.2	18	0.4	1.5 200
1N969	22			29	5.6	750	0.25	+0.087	5	16.7	16	0.4	1.5 200
1N970	24			33	5.2	750	0.25	+0.088	5	18.2	15	0.4	1.5 200
1N971	27			41	4.6	750	0.25	+0.09	5	20.6	13	0.4	1.5 200
1N972	30			49	4.2	1000	0.25	+0.091	5	22.8	12	0.4	1.5 200
1N973	33			58	3.8	1000	0.25	+0.092	5	25.1	11	0.4	1.5 200
1N974	36			70	3.4	1000	0.25	+0.093	5	27.4	10	0.4	1.5 200
1N975	39			80	3.2	1000	0.25	+0.094	5	29.7	9.5	0.4	1.5 200
1N976	43			93	3	1500	0.25	+0.095	5	32.7	8.8	0.4	1.5 200
1N977	47			105	2.7	1500	0.25	+0.095	5	35.8	7.9	0.4	1.5 200

NOTE: No Suffix = ±20% Tolerance, Suffix "A" = ±10% Tolerance, Suffix "B" = ±5% Tolerance

DO-35/DO-41 Taping and Packing

CDIL

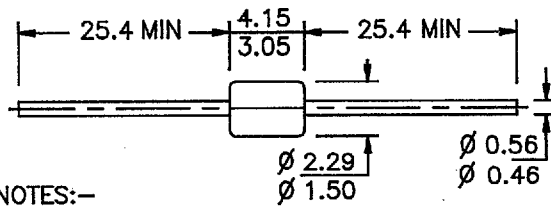
DO-41 GLASS PACKAGE



NOTES:-

1. CATHODE IS MARKED BY BAND.
2. ALL DIMENSIONS IN M.M.

DO-35 GLASS PACKAGE

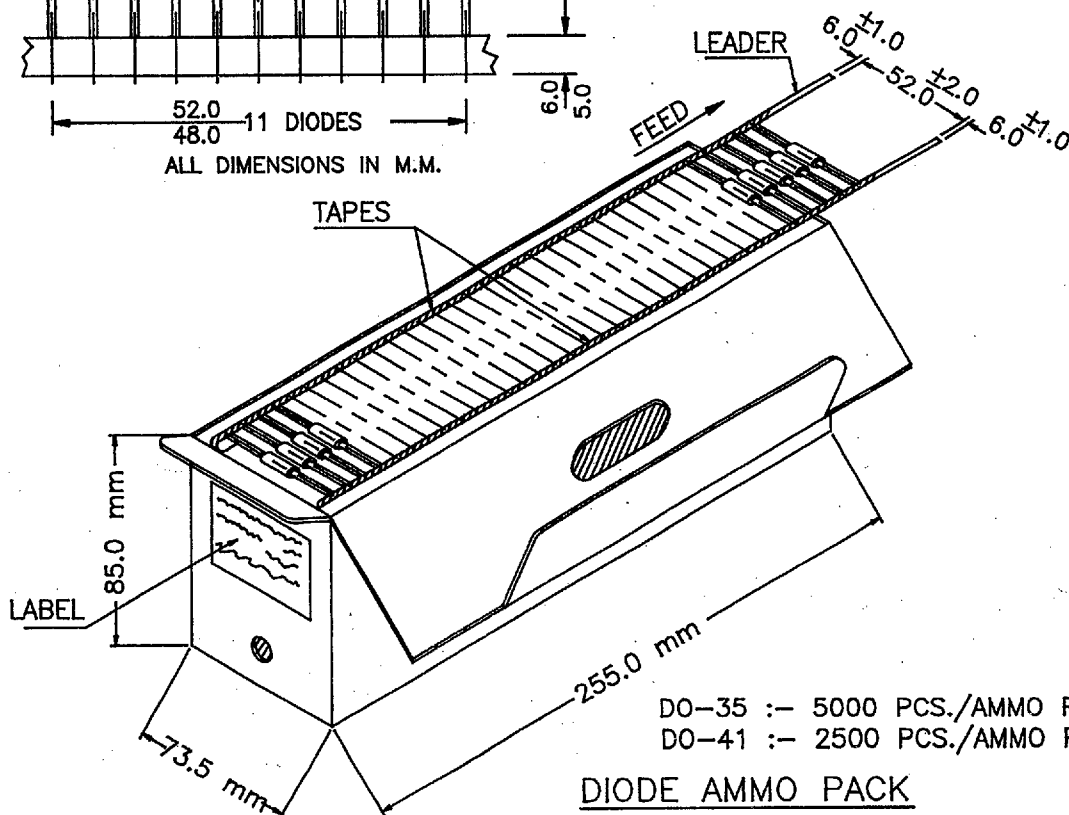
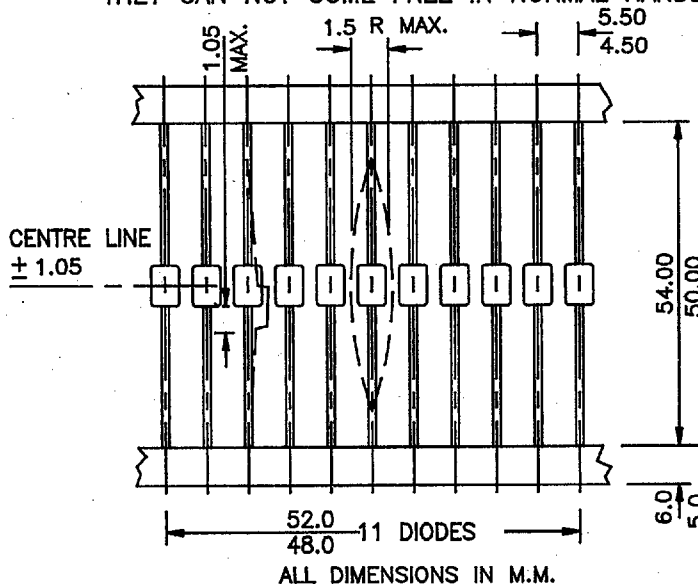


NOTES:-

1. CATHODE IS MARKED BY BAND.
2. ALL DIMENSIONS IN M.M.

DO-35/DO-41 TAPING SPECIFICATION

- 1) T & A INDICATES AXIAL TAPE & AMMO PACKING (52 mm TAPE SPACING)
- 2) 300 mm (MIN) LEADER TAPE ON EVERY SPOOL.
- 3) No. OF EMPTY PLACES ALLOWED 0.25% WITHOUT CONSECUTIVE EMPTY PLACES.
- 4) ENDS OF LEADS SHALL PREFERABLY NOT PROTRUDE BEYOND THE TAPES.
- 5) COMPONENTS SHALL BE HELD SUFFICIENTLY IN THE TAPE OR TAPES SO THAT THEY CAN NOT COME FREE IN NORMAL HANDLING.



DO-35 :- 5000 PCS./AMMO PACK
DO-41 :- 2500 PCS./AMMO PACK

DIODE AMMO PACK