
ABSOLUTE MAXIMUM RATINGS ($T_a=25^{\circ}\text{C}$ unless specified otherwise)

DESCRIPTION	SYMBOL	VALUE	UNIT
Non Repetitive Peak Reverse Voltage @ 5.0mA	V_{RM}	75	V
Peak Repetitive Reverse Voltage	V_{RRM}	50	V
Working Peak Reverse Voltage	V_{RWM}		
DC Blocking Voltage	V_R		
RMS Reverse Voltage	$V_{R(RMS)}$	35	V
Forward Continuous Current	$*I_{FM}$	300	mA
Average Rectified Output Current	$*I_O$	150	mA
Repetitive Peak Forward Current	$*I_{FRM}$	400	mA
Non Repetitive Peak Forward	I_{FSM}	0.5	A
Surge Current		2.0	
Power Dissipation	$*P_D$	500	mW
Thermal Resistance, Junction to Ambient Air	$*R_{QJA}$	300	K/W
Operating and Storage Temperature Range	$T_j; T_{STG}$	-65 to +175	$^{\circ}\text{C}$

ELECTRICAL CHARACTERISTICS ($T_a=25^{\circ}\text{C}$ unless specified otherwise)

DESCRIPTION	SYMBOL	TEST CONDITIONS	VALUE		UNIT
			MIN	MAX	
Forward Voltage	V_F	$I_F=50\text{mA}$		1.0	V
Maximum Peak Reverse Current	I_R	$V_R=50\text{V}$		50	nA
Junction Capacitance	C_j	$V_R=0, f=1\text{MHz}$		2.0	pF
Reverse Recovery Time	t_{rr}	$I_F = I_R=10\text{mA}, I_{RR}=1.0 \times I_R, R_L=100\Omega$		4.0	ns

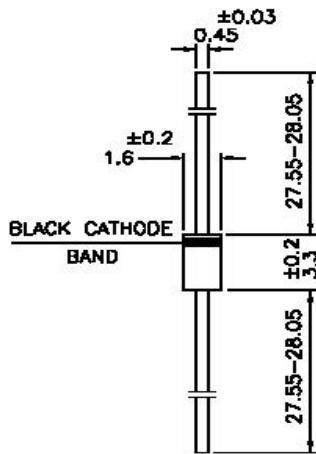
* Valid provided that leads are kept at ambient temperature.

GLASS CASE DO-35

1N4151

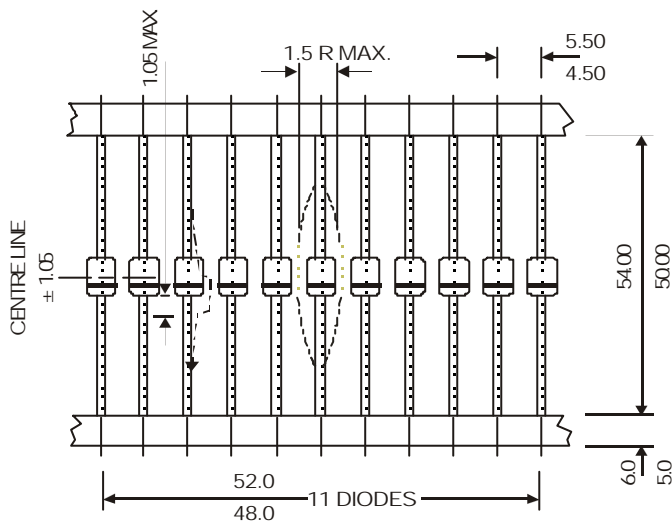
DO-35

Glass Axial Package



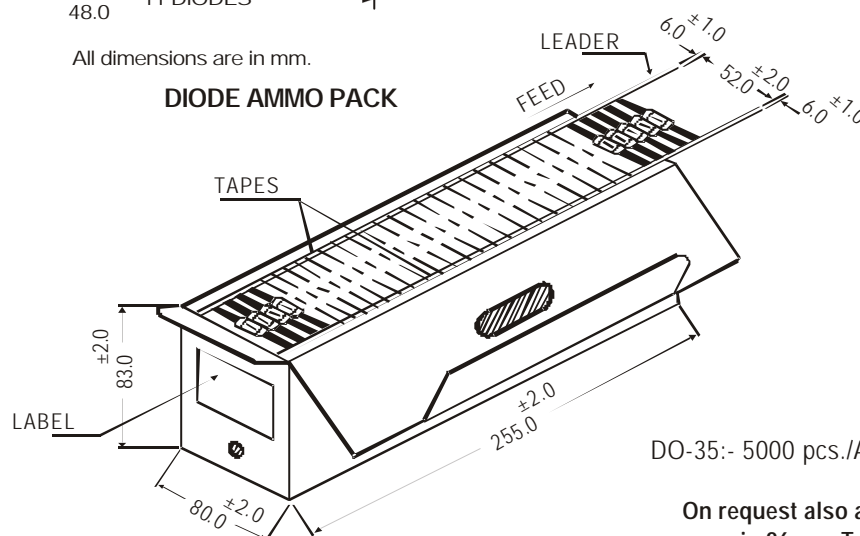
All Dimensions in mm.

DO-35, 52mm Taping Specification



All dimensions are in mm.

DIODE AMMO PACK



DO-35:- 5000 pcs./Ammo Pack

On request also available
in 26 mm Tape

Packing Detail

PACKAGE	STANDARD PACK		INNER CARTON BOX		OUTER CARTON BOX		
	Details	Net Weight/Qty	Size	Qty	Size	Qty	Gr Wt
DO-35 T&A	5K/ammo box	0.88 kg/5K pcs	10" x 3.2" x 3.2"	5K	12.7" x 12.7" x 20"	125K	25 kgs



Continental Device India Limited

An ISO/TS 16949, ISO 9001 and ISO 14001 Certified Company



Customer Notes

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**DO-35
Glass Axial Package**

Disclaimer

The product information and the selection guides facilitate selection of the CDIL's Discrete Semiconductor Device(s) best suited for application in your product(s) as per your requirement. It is recommended that you completely review our Data Sheet(s) so as to confirm that the Device(s) meet functionality parameters for your application. The information furnished in the Data Sheet and on the CDIL Web Site/CD are believed to be accurate and reliable. CDIL however, does not assume responsibility for inaccuracies or incomplete information. Furthermore, CDIL does not assume liability whatsoever, arising out of the application or use of any CDIL product; neither does it convey any license under its patent rights nor rights of others. These products are not designed for use in life saving/support appliances or systems. CDIL customers selling these products (either as individual Discrete Semiconductor Devices or incorporated in their end products), in any life saving/support appliances or systems or applications do so at their own risk and CDIL will not be responsible for any damages resulting from such sale(s).

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1N4151 Rev_0 290312E