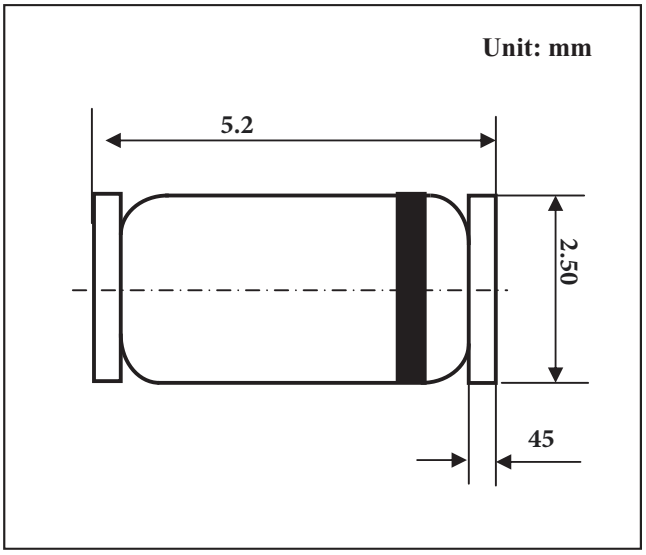
ZENER VOLTAGE RANGE: --- V PEAK PULSE POWER: mW

ǒLow Reverse Leakage
ǒLow Zener Impedance
ǒGlass passivated junction
ǒHigh Stability and High Reliability

MECHANICAL DATA

ǒCase:LL-41(GLASS) molded glass body
ǒPolarity: Color band denotes cathode end
ǒMounting Position: Any



MAXIMUM RATINGS AND CHARACTERISTICS

Ratings at 25 ambient temperature unless otherwise specified

Parameters	Symbol	Value	Unit
Power Dissipation	Pd	1000[1)]	mW
Operating junction temperature	Tj	175	
Storage temperature range	Ts	-55-+150	

1) Valid provided that leads are kept at ambient temperature at a distance of 8mm from case

(T_A=25°C unlessotherwise specified)

TYPE	Zener Voltage		Reverse Carrent		Dynamic Resistance	
	Vz(V)	Test Condition	IR(-A)	Test Condition	rd( )	Test Condition
	nom	Iz(mA)	Max.	VR(V)	Max.	Iz(mA)
DL4728A	3.3	76.0	100	1.0	10	76.0
DL 4729A	3.6	69.0	100	1.0	10	69.0
DL 4730A	3.9	64.0	50	1.0	9	64.0
DL 4731A	4.3	58.0	10	1.0	9	58.0
DL 4732A	4.7	53.0	10	1.0	8	53.0
DL 4733A	5.1	49.0	10	1.0	7	49.0
DL 4734A	5.6	45.0	10	2.0	5	45.0
DL 4735A	6.2	41.0	10	3.0	2	41.0

(T_A=25°C unless otherwise specified)

TYPE	Zener Voltage		Reverse Carrent		Dynamic Resistance	
	Vz(V)	Test Condition	IR(-A)	Test Condition	rd( )	est Condition
	nom	Iz(mA)	Max.	VR(V)	Max.	Iz(mA)
DL 4736A	6.8	37.0	10	4.0	3.5	37.0
DL 4737A	7.5	34.0	10	5.0	4	34.0
DL 4738A	8.2	31.0	10	6.0	4.5	31.0
DL 4739A	9.1	28.0	10	7.0	5	28.0
DL 4740A	10	25.0	10	7.6	7	25.0
DL 4741A	11	23.0	5	8.4	8	23.0
DL 4742A	12	21.0	5	9.1	9	21.0
DL 4743A	13	19.0	5	9.9	10	19.0
DL 4744A	15	17.0	5	11.4	14	17.0
DL 4745A	16	15.5	5	12.2	16	15.5
DL 4746A	18	14.0	5	13.7	20	14.0
DL 4747A	20	12.5	5	15.2	22	12.5
DL 4748A	22	11.5	5	16.7	23	11.5
DL 4749A	24	10.5	5	18.2	25	10.5
DL 4750A	27	9.5	5	20.6	35	9.5
DL 4751A	30	8.5	5	22.8	40	8.5
DL 4752A	33	7.5	5	25.1	45	7.5
DL 4753A	36	7.0	5	27.4	50	7.0
DL 4754A	39	6.5	5	29.7	60	6.5
DL 4755A	43	6.0	5	32.7	70	6.0
DL 4756A	47	5.5	5	35.8	80	5.5
DL 4757A	51	5.0	5	38.8	95	5.0
DL 4758A	56	4.5	5	42.6	110	4.5
DL 4759A	62	4.0	5	47.1	125	4.0
DL 4760A	68	3.7	5	51.7	150	3.7
DL 4761A	75	3.3	5	56.0	175	3.3
DL 4762A	82	3.0	5	62.2	200	3.0
DL 4763A	91	2.8	5	69.2	250	2.8
DL 4764A	100	2.5	5	76.0	350	2.5

Notes:

1) Valid provided that leads at a distance of 8 mm from case are kept at ambient temperature.

2) Measured under thermal equilibrium and DC test conditions.

3) The rating listed in the electrical characteristics table is maximum peak, non-repetitive,

reverse surge current of 1/2 square wave or equiv-alent sine wave pulse of 1/120 second duration superimposed on the test current, IZT ,per JEDEC registration; however, actual device capability is as described in Fiure 5 of the General Data-DO-41 Glass.

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