

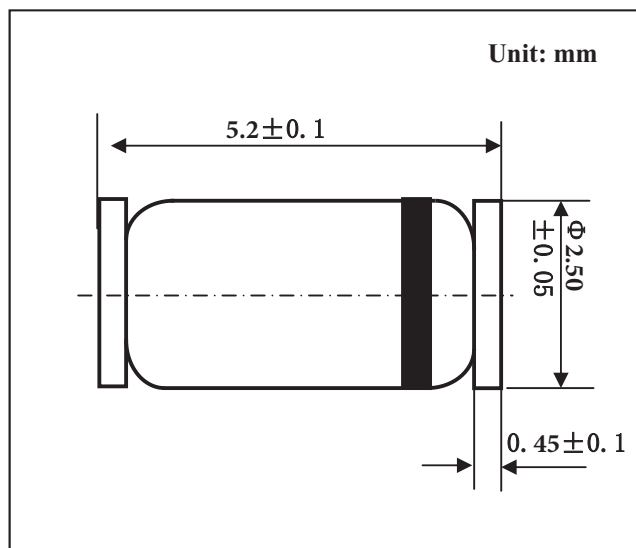
LL41 SURFACE MOUNT ZENER DIODES

FEATURES

- Fast Switching Speed
- Electrically Identical to Standard JEDEC
- High reliability
- Lead free in compliance with EU RoHS 2.0
- Component in accordance to RoHS 2015/863 and WEEE 2012/19/EU

MECHANICAL DATA

- Case style: LL41, glass case
- Mounting position: Any



MAXIMUM RATINGS AND CHARACTERISTICS

Ratings at 25°C ambient temperature unless otherwise specified

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

TYPE	Zener Voltage		Reverse Current		Dynamic Resistance	
	Vz(V)	Test Condition	IR(μA)	Test Condition	rd(Ω)	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

Electrical Specification (T_A=25°C unless otherwise specified)

TYPE	Zener Voltage		Reverse Current		Dynamic Resistance	
	V _Z (V)	Test Condition	I _R (μ A)	Test Condition	r _d (Ω)	Test Condition
	nom	I _Z (mA)	Max.	V _R (V)	Max.	I _Z (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

RATINGS AND CHARACTERISTIC CURVES

FIG.1 – BREAKDOWN CHARACTERISTICS

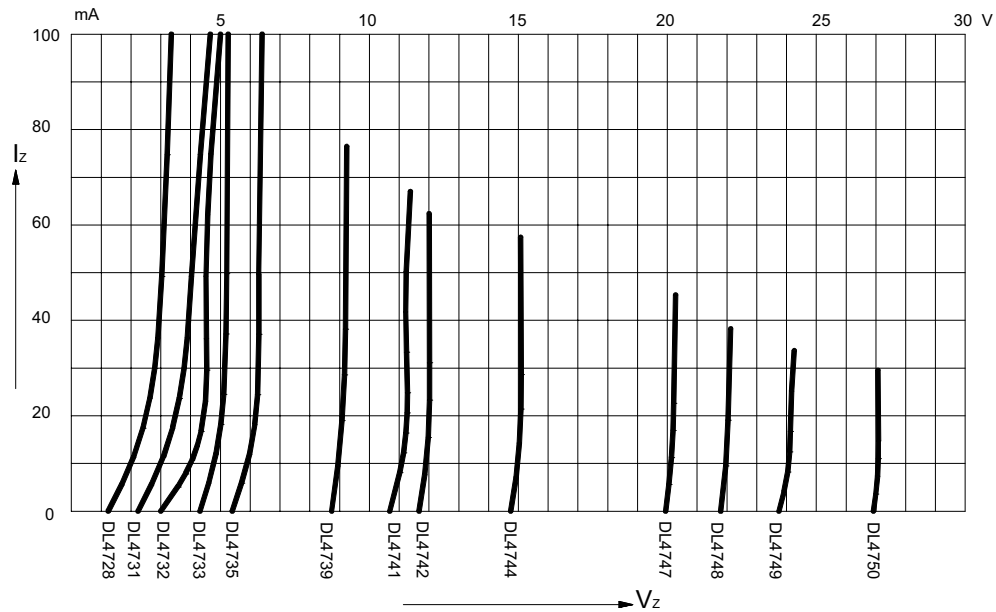


FIG.2 – ADMISSIBLE POWER DISSIPATION VERSUS AMBIENT TEMPERATURE

