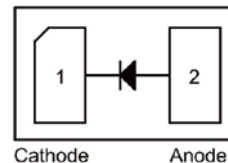


### Features and benefits

- Standard Zener Breakdown Voltage Range 5.1 V
- Steady State Power Rating of 200 mW
- Small package saves board space



DFN1006-2L



Equivalent Circuit

### Maximum Ratings (TA=25°C unless otherwise specified)

Symbol	Parameter	Value	Unit
V <sub>F</sub>	Forward voltage (I <sub>F</sub> =10mA)	0.9	V
P <sub>tot</sub>	Total Device Dissipation	200	mW
T <sub>L</sub>	Maximum lead temperature for soldering during 10s	260	°C
T <sub>J</sub>	Junction temperature	150	°C
T <sub>stg</sub>	Storage temperature	-50 to +150	°C

### Electrical Characteristics (TA=25°C unless otherwise specified)

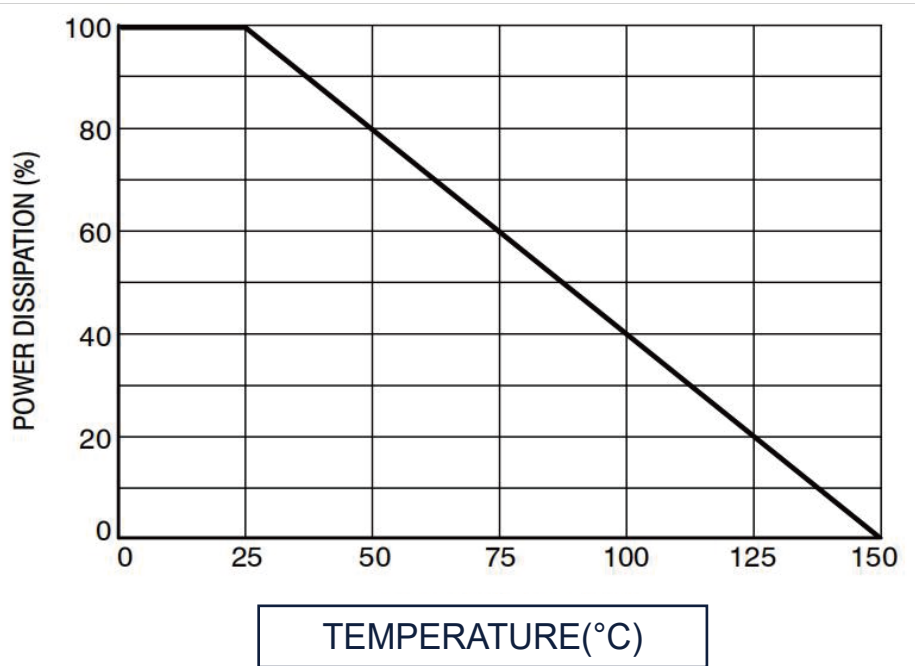
Device	Zener Voltage				Zener Impedance			Leakage Current	
	V <sub>ZT</sub> at I <sub>ZT</sub>			I <sub>ZT</sub>	Z <sub>ZT</sub> at I <sub>ZT</sub>	Z <sub>ZK</sub>	at I <sub>ZK</sub>	I <sub>R</sub>	at V <sub>R</sub>
	Min(V)	Nom(V)	Max(V)	(mA)	Max(Ω)	Max(Ω)	(mA)	Max(μA)	(V)
LNZ8F5V1	4.8	5.1	5.4	5	60	500	1	2	1.5

### Ordering information

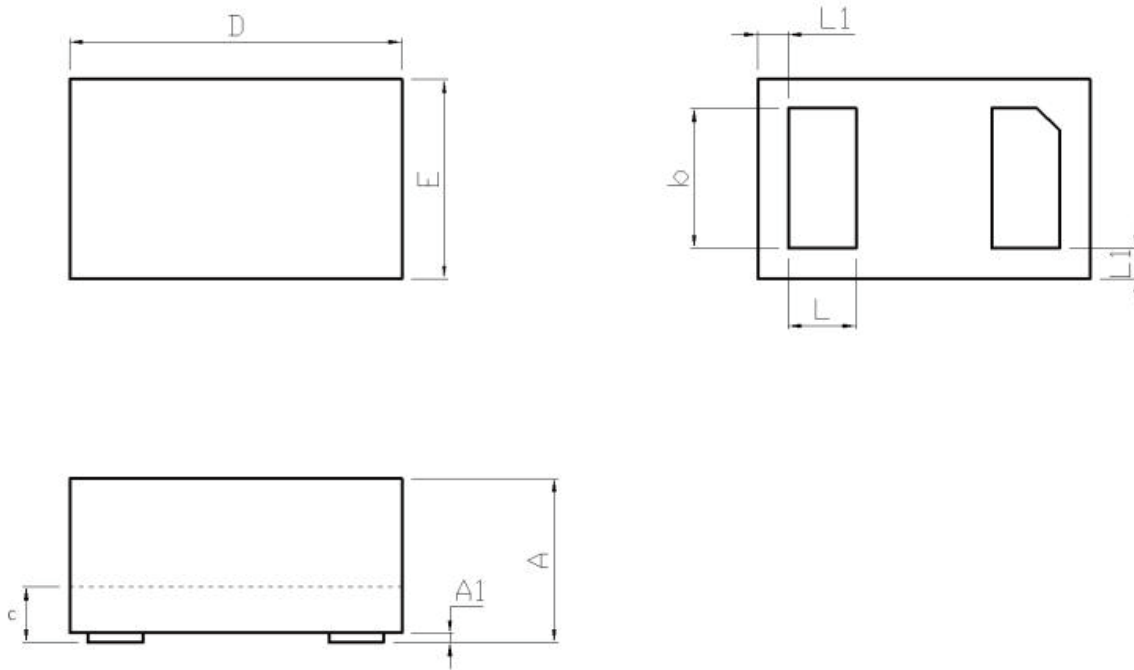
Product ID	Pack	Naming rule	Marking	Qty(PCS)
LNZ8F5V1	DFN1006-2L	<div style="border: 1px solid black; padding: 5px; display: inline-block;">LNZ8F5V1</div> ↓ 产品名称 product name	4	10000



## Steady State Power Derating



## DFN1006-2L Package Outline Dimensions



DFN1006-2L (mm)			
DIM	MIN	TYP.	MAX
A	0.40	0.50	0.55
A1	0	0.02	0.05
b	0.45	0.5	0.55
c	0.1	0.15	0.18
D	0.95	1.00	1.05
E	0.55	0.60	0.65
L	0.20	0.25	0.30