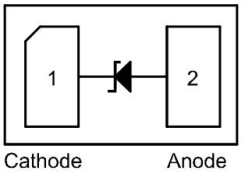
Features and benefits

- Standard Zener Breakdown Voltage Range 15.0V
- Steady State Power Rating of 200 mW
- Small package saves board space
- RoHS compliant

Schematic & Pin configuration



Ordering information

Device	Package	Packaging
AS15VD151T	DFN1006-2L	10000/Tape & Reel

Maximum Ratings (T_A = 25 °C, unless otherwise specified)

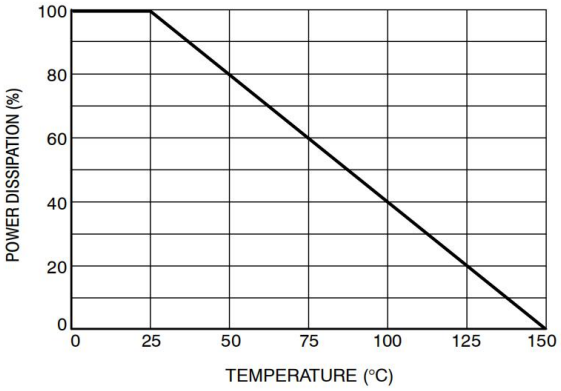
Parameter	Symbol	Value	Unit
Forward voltage (I_F=10mA)	V_F	0.9	V
Total Device Dissipaton	P_{tot}	200	mV
Maximum lead temperature for soldering during 10s	T_L	260	°C
Junction temperature	T_j	150	°C
Storage temperature	T_{stg}	-50 to +150	°C

Electrical Characteristics (T_A = 25 °C, unless otherwise specified)

Device	Zener Voltage [1]				Zener Impedance			Leakage Current	
	V_{ZT} at I_{ZT}			I_{ZT}	Z_{ZT} at I_{ZT}	Z_{ZK}	at I_{ZK}	I_R	at V_R
	Min(V)	Nom(V)	Max(V)	(mA)	Max(Ω)	Max(Ω)	(mA)	Max(uA)	(V)
AS15VD151T	14.7	15.0	15.3	5	30	110	1	1	11

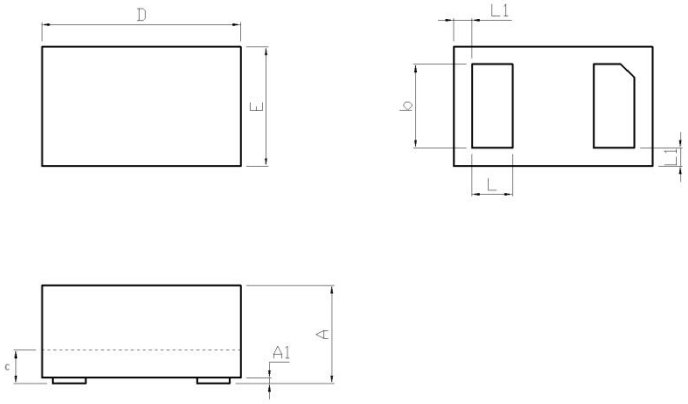
[1] Tested with pulses tp = 20mS.

Steady State Power Derating



Package Outline Dimensions

DFN1006-2L



SYMBOL	Dimensions In Millimet	
	MIN	MAX
A	0.46	0.50
A1	0	0.05
b	0.45	0.55
c	0.1	0.14
D	0.95	1.05
E	0.55	0.65
L	0.20	0.30
L1	0.035	0.065
h	0.07	0.17