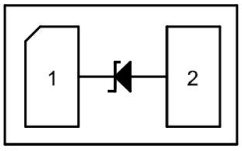
Zener Voltage Regulators

Features and benefits

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

Schematic & Pin configuration



DFN1006-2L(SOD882)

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

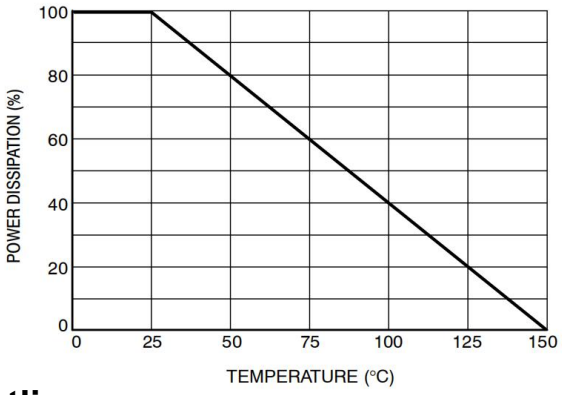
Parameter	Symbol	Value	Unit
Forward voltage (I_F=10mA)	V_F	0.9	V
Total Device Dissipaton	P_{tot}	200	mV
Maximum lead temperature for soldering during 10s	T_L	260	°C
Junction temperature	T_j	150	°C
Storage temperature	T_{stg}	-50 to +150	°C

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)
AS5V1D201T	4.8	5.1	5.4	5	60	500	1	2	1.5

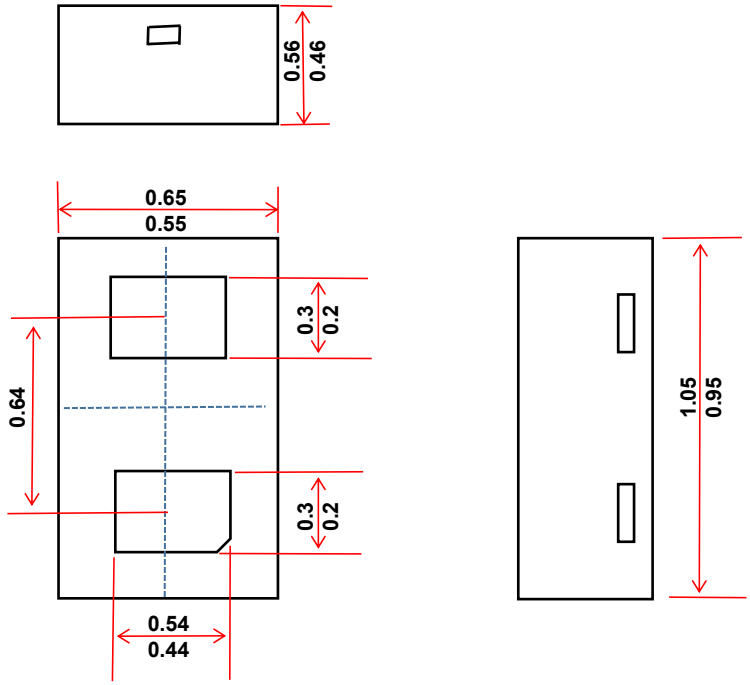
[1] Tested with pulses tp = 20mS.

Steady State Power Derating



Dimension outline

Unit:mm



Recommened Mounting Pad Layout

Unit:mm

