



Micro Commercial Components

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20736 Marilla Street Chatsworth
CA 91311
Phone: (818) 701-4933
Fax: (818) 701-4939

**DL746A
THRU
DL759A**

Features

- Zener Voltage 3.3V to 12V and Low reverse leakage current
- Silicon Planar Power Zener Diodes
- Standards zener voltage tolerance is $\pm 5\%$, other tolerances are available upon request

**0.5W Silicon Planar
Zener Diodes**

Mechanical Data

- Case: Minimelf Package
- Polarity: Color band denotes cathode end
- Weight: Approx. 0.05gram

Maximum Ratings

	Symbol	Value	Units
Zener Current		See Table 1	
Power Dissipation @ $T_A = 50^\circ\text{C}$	P_{tot}	500	mW
Junction Temperature	T_J	200	$^\circ\text{C}$
Storage Temperature Range	T_{STG}	-65 to 200	$^\circ\text{C}$

Electrical Characteristics @ 25°C Unless Otherwise Specified

	Symbol	Maximum	Unit
Thermal resistance	$R_{\theta JA}$	300	$^\circ\text{C/W}$
Forward Voltage @ $I_F = 200\text{mA}$	V_F	1.5	V

NOTE:

- 2) Valid provided that a distance of 8mm from case are kept at ambient temperature
- 3) Power derating: $4.0\text{mW}/^\circ\text{C}$ above 50°C