

SILICON ZENER DIE

Features:

- Zener Voltage 6.8V
- Withstand Large Surge Stresses

Maximum Ratings:

Characteristics	Symbol	Condition	Max.	Units
Power Dissipation	P _D	Derate above 25 °C	500	mW
Forward Voltage	V _F	@ I _F =200mA, Pulse, T _J = 25 °C	1.1	V
Max. Junction Temperature	T _J	-	-65 to +175	°C
Max. Storage Temperature	T _{stg}	-	-65 to +175	°C

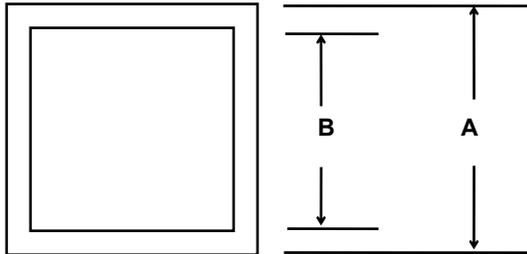
Electrical Characteristics @ T_J=25 °C:

Device	Zener voltage		Zener Impedence	Leakage Current	
	Nom. V _Z ①	@ I _{ZT}	Max. Z _{ZT} @ I _{ZT}	Max. I _R @ V _R	
	Volts	mA	Ω	uA	Volts
1C754	6.8	20	5	2	4

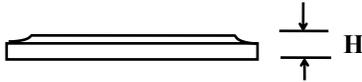
Note: ①V_Z Tolerance is ±5%

TECHNICAL DATA
DATA SHEET D0124 REV. -

Mechanical Dimensions: In Inches (mm)



Bottom side metalization Au-4kÅ minimum
 Top side metalization Al -25kÅ minimum
 Bottom side is cathode, top side is anode
 Dimension H = 0.010 ± 0.002 (0.25 ± 0.051) (It can be customized according to customer requirements)



A	B
0.023 ± 0.002 (0.58 ± 0.05)	0.015 ± 0.002 (0.38 ± 0.05)

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