

TECHNICAL DATA DATA SHEET D0124 REV. -

SILICON ZENER DIE

Features:

- Zener Voltage 6.8V
- Withstand Large Surge Stresses

Maximum Ratings:

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

Electrical Characteristics @ T_J=25 °C:

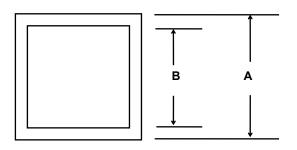
Zener voltage		Zener Impedence	Leakage Current		
Device	Nom. VZ ① @ IzT Max. ZzT @ IzT Max		Max. I	I _R @ V _R	
	Volts	mA	Ω	uA	Volts
1C754	6.8	20	5	2	4

Note: ①Vz Tolerance is $\pm 5\%$

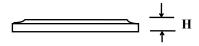


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Mechanical Dimensions: In Inches (mm)



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



Α	В	
$0.023 \pm 0.002 (0.58 \pm 0.05)$	$0.015\pm0.002(0.38\pm0.05)$	

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