

GS2FMDZ232A

Temperature Compensated Zener Diode

Features

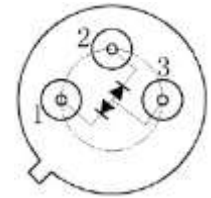
- Temperature compensated zener diode
- Zener voltage: 6.4V
- Providing voltage stability over specific temperature range
- Temperature coefficient is less than 0.005%/°C



Package: A3-02B (B-4)

Maximum Ratings (T_A = 25°C unless otherwise noted)

Symbol	Characteristics	Value	Unit
T _J	Junction Temperature	-55 to +175	°C
T _{STG}	Storage Temperature	-55 to +175	°C
	V _Z Tolerance	±5	%



Schematic Diagram

Note:

- Pin 1 is one polarity, closest to salient.
- Pin 2 is the other polarity.
- Pin 3 is open, connected to case.

Electrical Characteristics (T_A=25°C unless otherwise noted)

P/N	Typical Zener Voltage	Zener Test Current	Reverse Leakage Current		Effective Temperature Coefficient	Voltage Temperature Stability	Temperature Range	Max. Dynamic Zener Impedance
			V _R =1V	V _R =3.6V				
	V	mA	μA	μA	%/°C	mV	°C	Ω
GS2FMDZ232A	6.4	2	1	2	0.005	10	-55 to +100	10

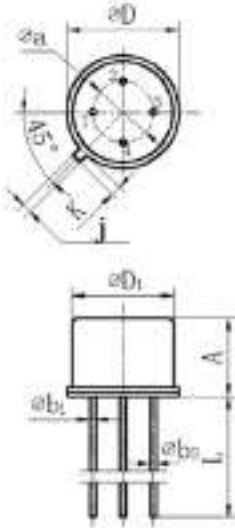
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Package Outline Dimensions

A3-02B (B-4)

(unit: mm)



mm	A3-02B(B-4)		
	MIN	NOM	MAX
A	6.1		7.0
ϕa		5.08	
ϕb_1			1.01
ϕb_2	0.407		0.508
ϕD	8.64		9.89
ϕD_1	8.01		8.70
j	0.712		0.863
K	0.740		1.14
L	12.5		25.0