

Shenzhen Shenxin Electronics Co., Ltd. Room 607, 612A, North Step Trust Building
 Tel: 0755-27026225 83230751 Fax: 0755-83230757
 Technical support: samtec@139.com

2DW230-236 silicon planar temperature compensation Zener diode

Product standard: SJ 50033/150-2002

Production license: XK-09-109-021

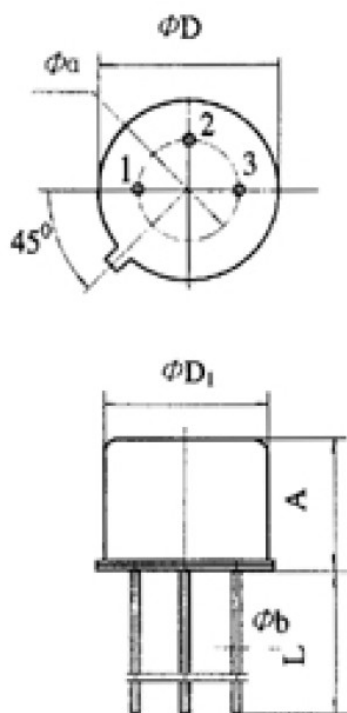
I A main use: for precision voltage regulators or reference voltage sources in radio equipment, instrumentation

II process screening project:

- 1 High temperature storage: 150 ° C for 120 hours.
- 2 Storage at room temperature: room temperature for one month.
- 3 Normal temperature electric aging: pass 40~50mA current for 24 hours.

III Precautions for use: The color point of the pin "1". "2" is the negative side and the other side is the positive side. At the end, the pin "3" is the spare pin.

IV outline drawing: Metal case package B-4 type.



单位: mm

尺寸 符号	A3-02B (B-4)		
	min	nom	max
A	6.10		6.60
Φa		5.08	
Φb	0.407		0.508
ΦD	8.64		9.70
ΦD_1	8.01		8.50
L	12.5		25.0

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V limit values

Project	Symbol	Unit	Value
Working temperature	Tamb	°C	-20~100
Storage temperature	Tstg	°C	-55~125
Maximum power dissipation	Pmax	mW	200
Maximum reverse constant (direct current) current	Izmax	mA	30

VI electrical characteristics

	Stable voltage VZ(V)			Differential resistance		Reverse current			Voltage temperature coefficient avz (10-6/°C)
model	Minimum value	Maximum	Izr(mA)	Yz (product)	Iz(mA)	IR1(μA)25°C	IR2(μA)100°C	VR(V)	I=IZT T1=25°C T2=75°C
2DW230	5.8	6.6	10	≤25	10	≤1.0	≤10	1.0	50
2DW231	5.8	6.6	10	≤15	10	≤1.0	≤10	1.0	50
2DW232	6.0	6.5	5.0	≤10	10	≤1.0	≤10	1.0	5.0
2DW233	6.0	6.5	7.5	≤10	10	≤1.0	≤10	1.0	5.0
2DW234	6.0	6.5	10	≤10	10	≤1.0	≤10	1.0	5.0
2DW235	6.0	6.5	12.5	≤10	10	≤1.0	≤10	1.0	5.0
2DW236	6.0	6.5	15	≤10	10	≤1.0	≤10	1.0	5.0
Experimental category	JS					C			JS