

产品规格书
Specification

GOODARK型号

GD SB370S~GD SB3B0S

构造 : 金属结合型二极管

Construction: **Schottky Barrier Diode**

用途 : 高速整流用

Application : **For High speed Rectifier**

制造工厂 (Manufacturer) :

苏州固锝电子股份有限公司

Suzhou Good-ark Electronics Co., Ltd

作成年月日 2013年02月18日

Prepared on Feb. 18th, 2012

作成部门: 产品开发事业部

Prepared: R & D Department

接受印栏

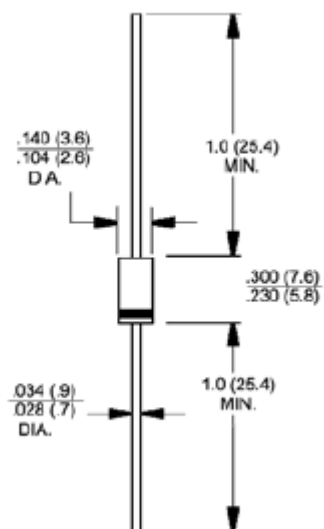
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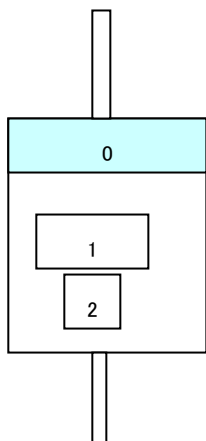
1. 外形规格 CASE DIMENSION (D0-15 Type)




Lead Material / Plating

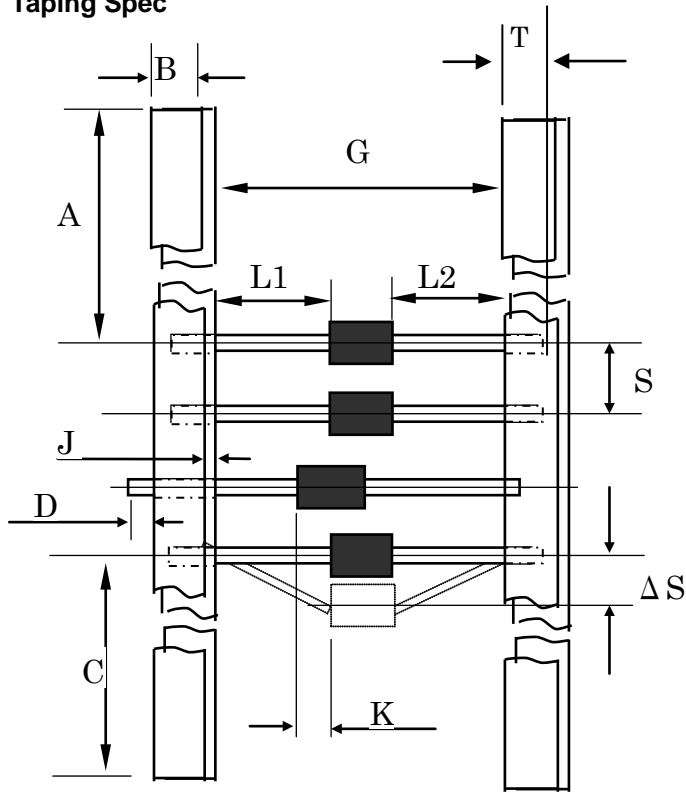
Copper / Tin Plating (4 μm to 12 μm)

2. 印字规格 Marking



- 0. Cathode Mark (silver band)
- 1. Part Name SB370S
- 2. Logo Mark 

3. 编带规格 Taping Spec



单位:mm

B: 6.0 ± 0.5

D: 0

G: 52.4 ± 1.5

J: 0.5max

K: 0.8max

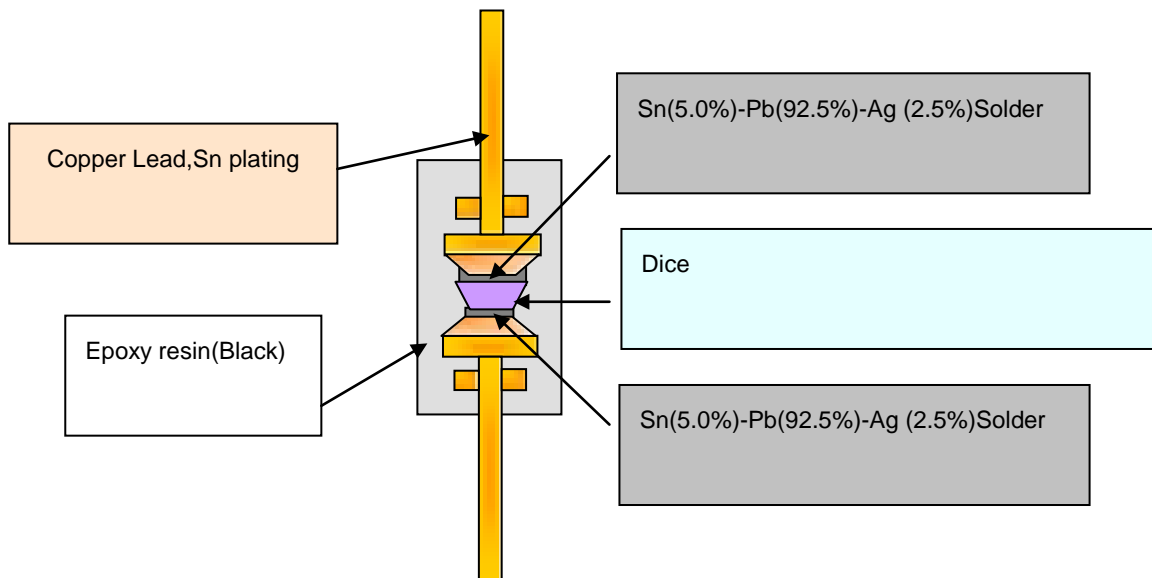
L1-L2: 0 ± 1.0

S: 10.0 ± 0.5

ΔS : 1.2max

T: 3.2min

4. 内部结构 Inside Formation



5. 最大定格 Maximum Ratings and Electrical Characteristics

Parameter	Symbol	SB370S	SB380S	SB390S	SB3B0S	Units
Maximum repetitive peak reverse voltage	V_{RRM}	70	80	90	100	Volts
Maximum RMS voltage	V_{RMS}	49	56	63	70	Volts
Maximum DC blocking voltage	V_{DC}	70	80	90	100	Volts
Maximum average forward rectified current 0.375"(9.5mm) lead length @ $T_L=100^{\circ}C$	$I_{F(AV)}$	3.0				Amp
Peak forward surge current 8.3ms single half sine-wave superimposed on rates load (JEDEC Method)	I_{FSM}	100				Amps
Maximum DC reverse current @ $T_J=25^{\circ}C$ at rated DC blocking voltage @ $T_J=100^{\circ}C$	$I_{R(AV)}$	0.5 20				mA
Maximum forward voltage at $I_F=3.0A, T_J=25^{\circ}C$ $I_F=3.0A, T_J=100^{\circ}C$	V_F	0.79 0.69				Volts
Typical thermal resistance(Note 1)	$R_{\theta JL}$	25				$^{\circ}C/W$
Typical junction capacitance (Note2)	C_j	90				pF
Operating junction temperature range	T_j	-55 ~ +125				$^{\circ}C$
storage temperature range	T_{STG}	-55 ~ +150				$^{\circ}C$

Notes: 1. Thermal Resistance Junction to Lead.

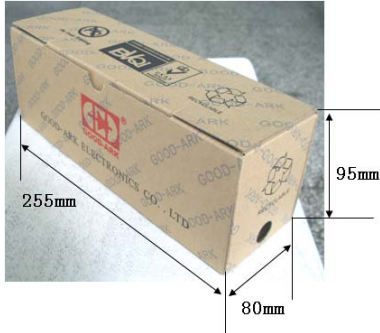
2. Measured at 1.0MHz and applied reverse voltage of 4.0V DC.

6. 包装规范: Packing Spec

SB370S-TB

(1)一次包装 Primary Packaging

尺寸 Ammo Packaging



数量 Quantity 1800pcs/box

(2)二次包装 Secondary Packaging

尺寸Corrugated cardboard box



数量 Quantity 27,000pcs/box

7. 标贴规格 DESCRIPTION of BOX LABEL

1) 一次包装:Primary Packaging

(1) 产品型号 Goodark Part No.

(2) 数量 Quantity

(3) 产品生产批号 Lot No

(4) 产品车间订单号 P/O NO



2) 二次包装 Secondary Packaging

(1) 产品型号 Goodark Part No.

(2) 数量 Quantity

(3) 产品车间订单号 P/O NO

(4) 外箱箱号 Carton NO

(5) 产品生产周期号 Date Code



(6) 净重 N.W

(7) 毛重 G.W

8. 特性曲线图 Characteristic Curve

($T_A = 25^\circ\text{C}$ unless otherwise noted)

