



GS2A~GS2M
GENERAL PURPOSE RECTIFIER

Rev.2.3

DESCRIPTION

- Plastic package has underwriters laboratories flammability classification 94V-0
- For surface mounted applications in order to optimize board space
- Glass passivated chip junction
- Lead free in compliance with EU RoHS 2011/65/EU directive

MECHANICAL DATA

- Case: JEDEC DO-214AA molded plastic
- Terminals: Solder plated, solderable per J-STD-002
- Polarity: Color band denotes cathode end
- Weight: 0.1 gram

ABSOLUTE MAXIMUM RATING AND ELECTRICAL CHARACTERISTICS

(Rating at 25 ambient temperature unless otherwise specified.)

Parameter	Symbol	GS2A	GS2B	GS2D	GS2G	GS2J	GS2K	GS2M
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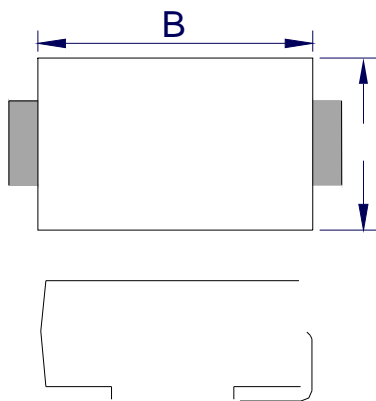
THERMAL RESISTANCES

Symbol	Parameter	GS2A	GS2B	GS2D	GS2G	GS2J	GS2K	GS2M	Unit
$R_{th(j-L)}$	Junction to lead (note1)	20							/W

Note1 Thermal resistance from junction to lead mounted on P.C.B. with 4.0 mm x 4.0 mm copper pad areas.

MARKING

PACKAGE MECHANICAL DATA



Ref.	Dimensions			
	Millimeters		Inches	
	Min.			
A				
B				
C				
D	0.95			
E				
F	0.051			
G	0.15			

TAPE AND REEL SPECIFICATION-SMB





CHARACTERISTICS CURVE

FIG.1: Typical forward characteristics (25)

FIG.2: Typical reve