



GS1000FL~GS1010FL  
GENERAL PURPOSE RECTIFIER

Rev.2.5

DESCRIPTION

- Plastic package has underwriters laboratories flammability classification 94V-0
- For surface mounted applications in order to optimize board space
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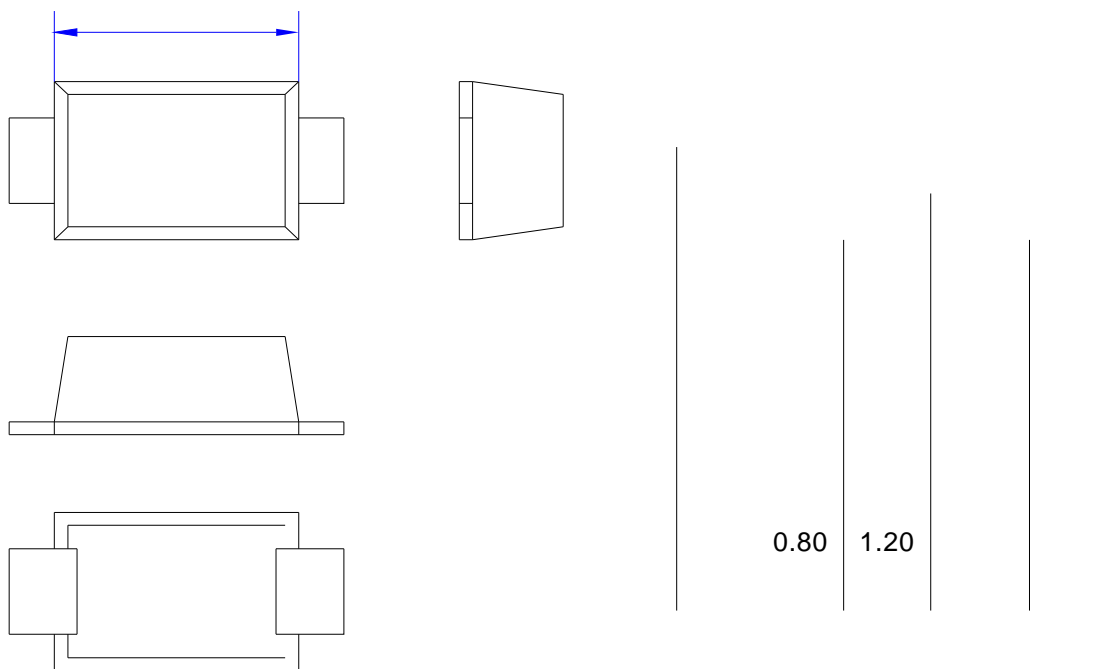
THERMAL RESISTANCES

Symbol	Parameter	GS1000	GS1001	GS1002	GS1004	GS1006	GS1008	GS1010	Unit
		FL	FL	FL	FL	FL	FL	FL	
$R_{th(j-L)}$	Junction to lead (note1)	20							/W

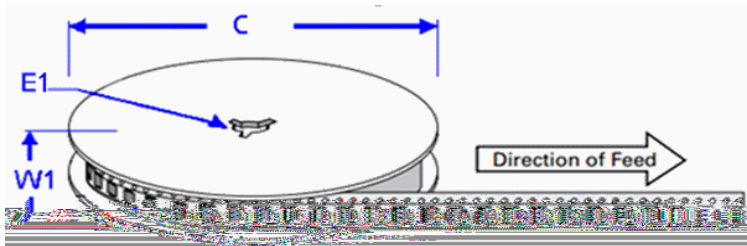
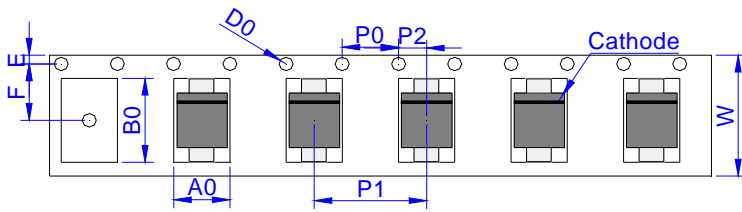
Note1 Thermal resistance from junction to lead mounted on P.C.B. with 4.0 mm x 4.0 mm copper pad areas.

MARKING

PACKAGE MECHANICAL DATA



TAPE AND REEL SPECIFICATION-SOD-123FL



OUTLINE	UNIT WEIGHT (g/PCS) typ.	REEL (PCS)	PER CARTON (PCS)	REEL DIAMETERS (mm)
TAPING	0.0144	3,000		

CHARACTERISTICS CURVE

<p>FIG.1: Typical forward characteristics (25 )</p>	<p>FIG.2: Typical reverse characteristics</p>
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<p>FIG.3: Maximum non-repetitive peak forward surge current</p>	<p>FIG.4: Forward current derating curve</p>
<p>s CO. , Ltd</p>	

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