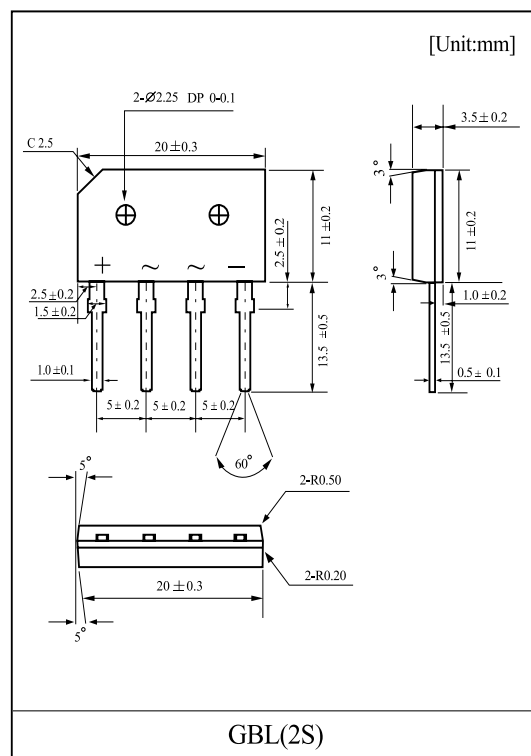


FEATURES

- Surge overload rating 80 Amperes peak.
- Ideal for printed circuit boards.
- Plastic material has Underwriters Laboratory Flammability Classification 94V-0.
- Mounting Position : Any.

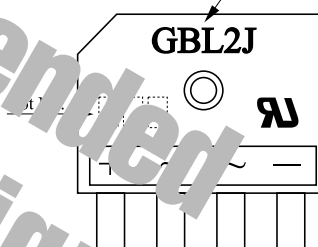
MAXIMUM RATING (Ta=25 °C)

CHARACTERISTIC	SYMBOL	RATING	UNIT
Repetitive peak reverse voltage	V_{RRM}	600	V
RMS voltage	V_{RMS}	420	V
DC blocking voltage	V_{DC}	600	V
Average forward rectified output current	$I_{F(AV)}$	2	A
Peak forward surge current	I_{FSM}	80	A
Operating Junction Temperature	T_j	-55~150	°C
Storage Temperature Range	T_{stg}	-55~150	°C
Thermal Resistance	$R_{th(j-a)}$		°C/W
	$R_{th(j-l)}$	1	°C/W



Marking

Type Name



ELECTRICAL CHARACTERISTICS (Ta=25 °C)

CHARACTERISTIC	SYMBOL	CONDITION	MIN	TYP	MAX	UNIT
Forward voltage	V_F	$I_F=1.0A$	-	-	1.0	V
Reverse Leakage current	I_R	$V_R=600V$	-	-	10	μA
			-	-	1.0	mA

Fig.1 Typical Forward Characteristics

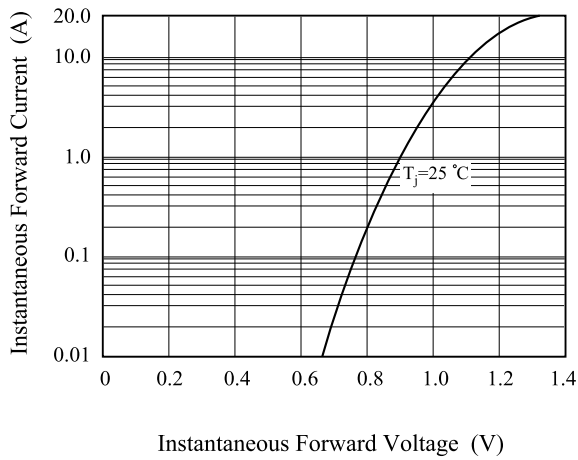


Fig.2 Forward Power Dissipation

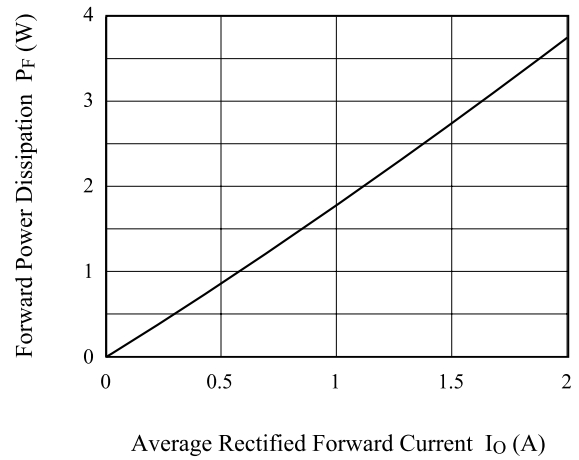


Fig.3 Derating Curve Output Rectified Current

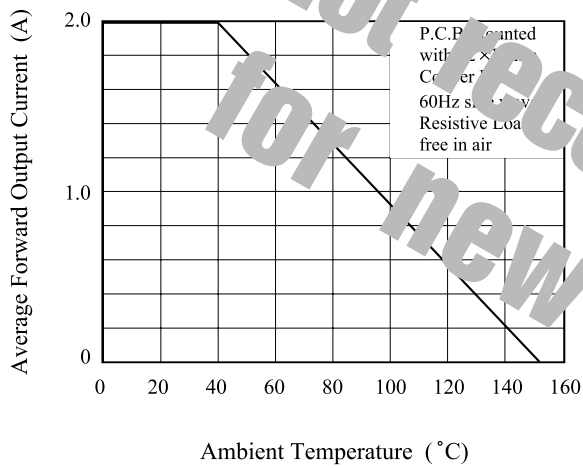


Fig.4 Derating Curve Output Rectified Current (Tl-I_O)

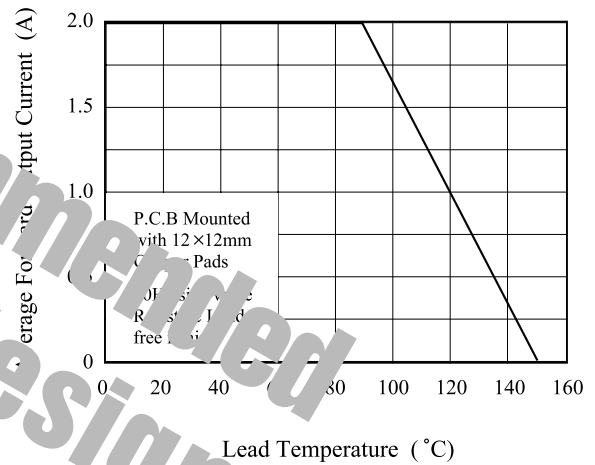


Fig.5 Typical Reverse Characteristics

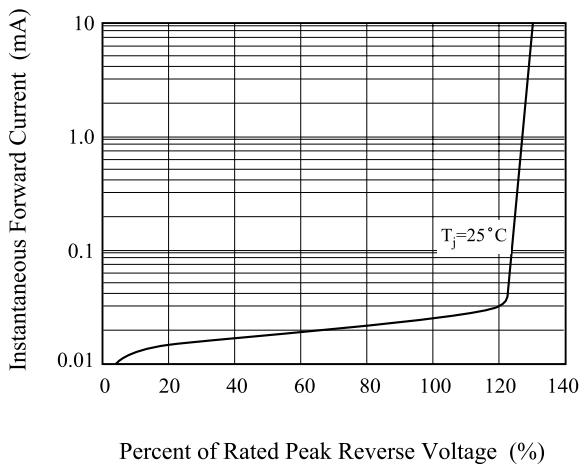


Fig.6 Maximum Forward Surge Current

