

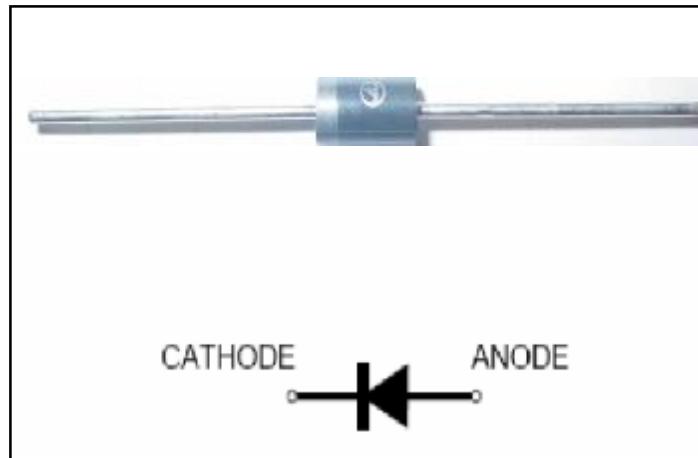
SB120 thru SB1100

Schottky Barrier Rectifiers
Reverse Voltage 20 to 100V Forward Current 1.0A

Feature & Dimensions

Flammability Classification 94V-0

- * Low power loss,high efficiency
 - * For use in low voltage high frequency inverters, free wheeling, and polarity protection applications
 - * Guarding for over voltage protection
 - * High temperature soldering guaranteed:
260°C/10 seconds at terminals



We declare that the material of product compliance
with ROHS requirements

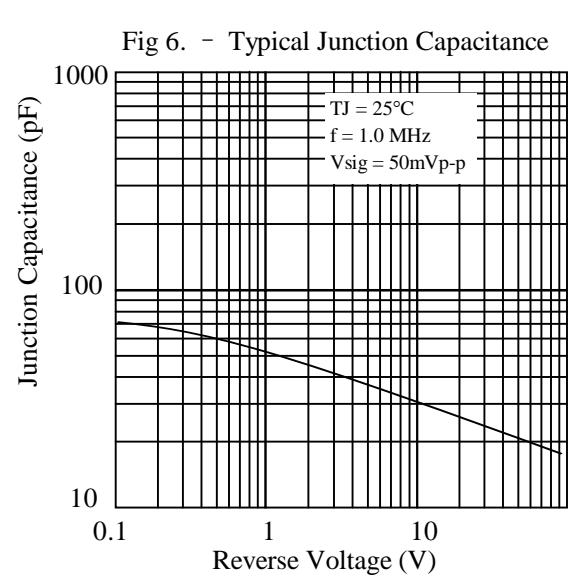
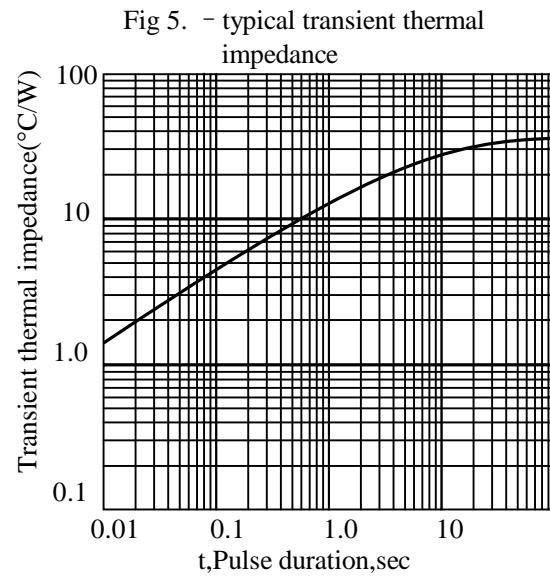
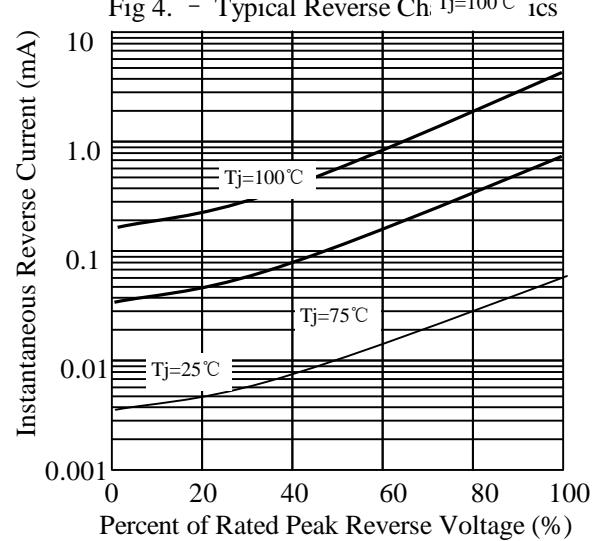
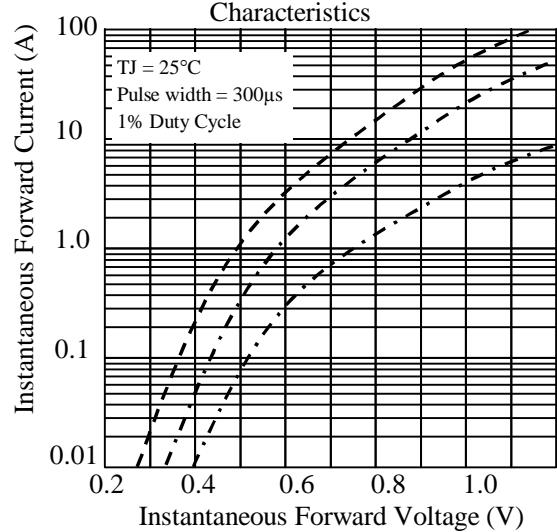
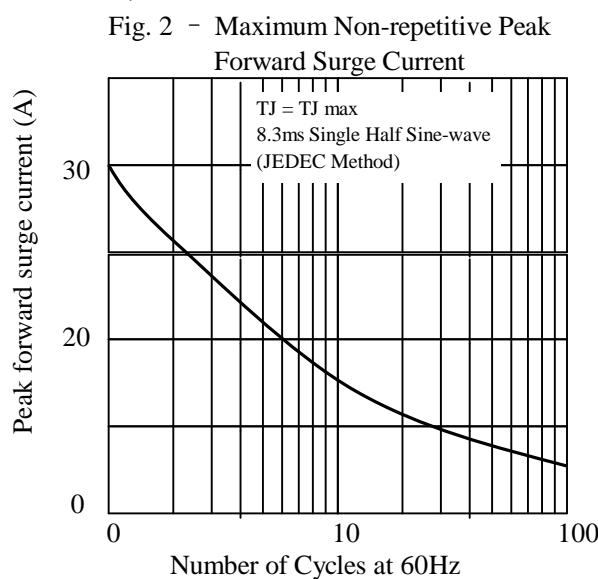
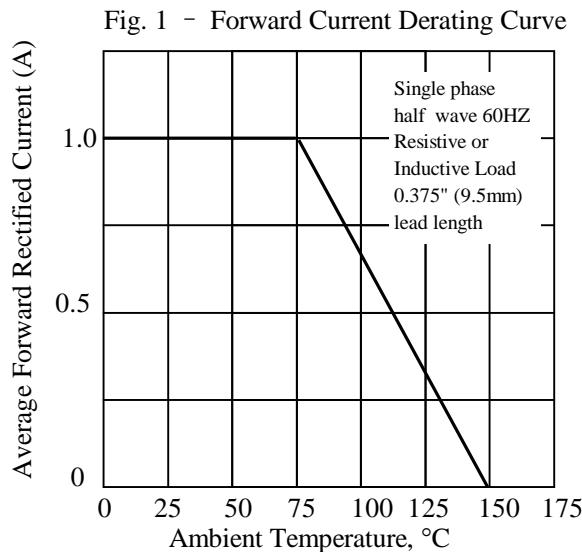
1. Maximum & Thermal Characteristics Ratings at 25°C ambient temperature unless otherwise specified.

Electrical Characteristics Ratings at 25°C ambient temperature unless otherwise specified.

Parameter	Symbol	SB120	SB130	SB140	SB150	SB160	SB180	SB1100	Unit
Maximum instantaneous forward voltage at 1.0A	V_F	0.50			0.70		0.85		V
Maximum DC reverse current TA = 25°C at rated DC blocking voltage TA = 100°C	IR				0.5				mA
Typical junction capacitance at 4.0V, 1MHz	CJ				40				PF

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





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3. dimension:

Package outline					
				Dimensions	
	inches		mm		Note: DO-41 molded plastic case The marking band indicates the cathode
L	Min.	0.166	Max.	0.205	
L1	Min.	0.866	Max.	-	
ΦD	Min.	0.080	Max.	0.107	
Φd	Min.	0.028	Max.	0.034	



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4. Update Record

版次	更新记录	更新作者	更新日期
1	第一版	余波	2010-5-27
2	增加包装规范	周杰	2011.08.10