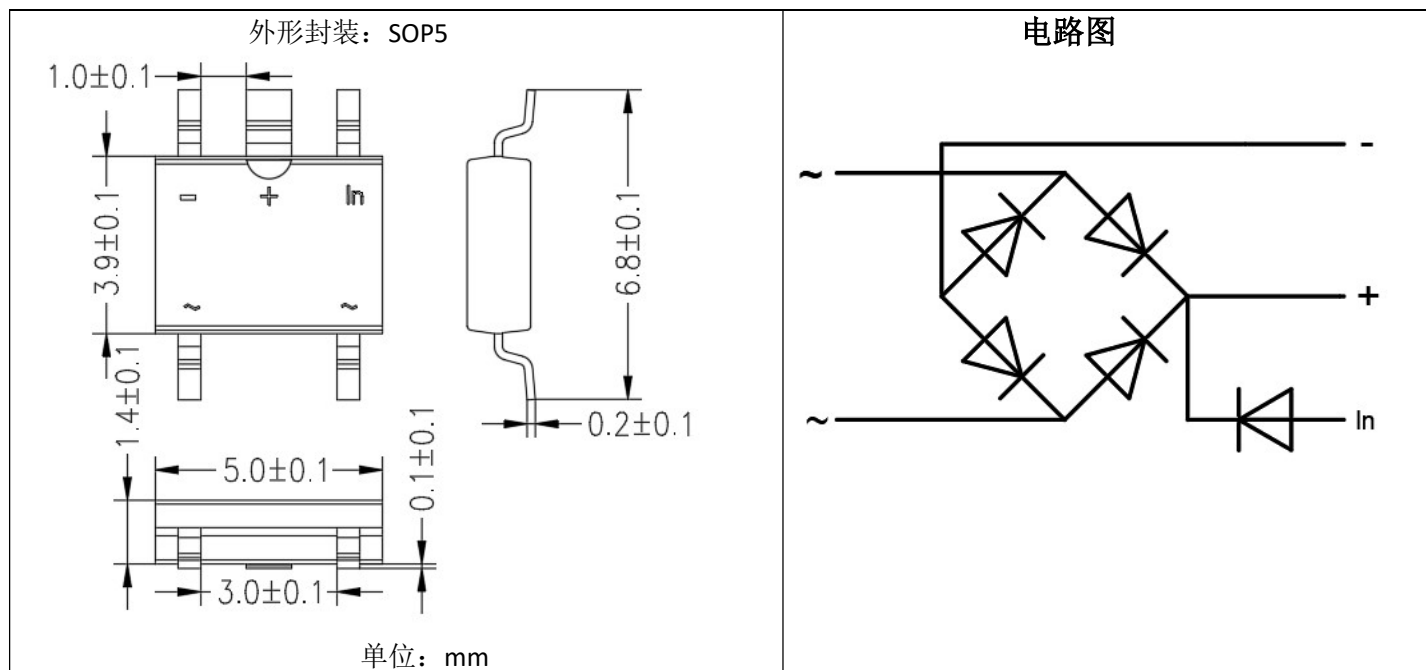




BF10G

**特征 (整流桥) FEATURES (Bridge)**

极限值和温度特性 (TA=25°C除非另有规定) Ratings at 25°C ambient temperature unless otherwise specified

参数 Parameters	符号 symbol	BF10G	Units
最大可重复峰值反向电压 Maximum Recurrent Peak Reverse Voltage	$V_{RRM}$	1000	Volts
最大正向平均整流电流 Maximum Average Forward Rectified Curren@Ta=40° C	$I_{(AV)}$	1	Amp
正向不重复浪涌电流 8.3ms 单一正弦半波 Peak Forward Surge Current, 8.3ms single half-sine-wave superimposed on rated load	$I_{FSM}$	25	Amp
单位时间内承受的最大电流 $I^2t$ Rating for Fusing (t<8.3ms)	$I^2t$	2.6	A <sup>2</sup> s
最大正向电压 Maximum Forward Voltage at 0.5A DC and 25°C	$V_F$	1.0	Volts
最大反向电流@VDC Maximum Reverse Current at Ta=25°C	$I_R$	5.0	uAmp
最大反向电流@VDC Maximum Reverse Current at Ta=125°C		500	
典型结电容 VR=4.0V, f=1MHZ Typical Junction Capacitance	$C_J$	13	PF
典型热阻 Typical Thermal Resistance	$R_{\theta JA}$	60	°C/W
工作结温和存储温度 Operating and Storage Temperature Range	$T_J, T_{stg}$	-55 to +150	°C

**特征 (二极管) FEATURES (DiOde)**

最大正向电压 Maximum Forward Voltage at 0.5A DC and 25°C	$V_F$	1.7	Volts
反向回复时间 Maximum reverse recovery time	$t_{rr}$	35	ns
最大可重复峰值反向电压 Maximum Recurrent Peak Reverse Voltage	$V_{RRM}$	600	Volts
最大正向平均整流电流 Maximum Average Forward Rectified Curren@Ta=40° C	$I_{(AV)}$	0.6	Amp