

桥式整流器 Bridge Rectifier

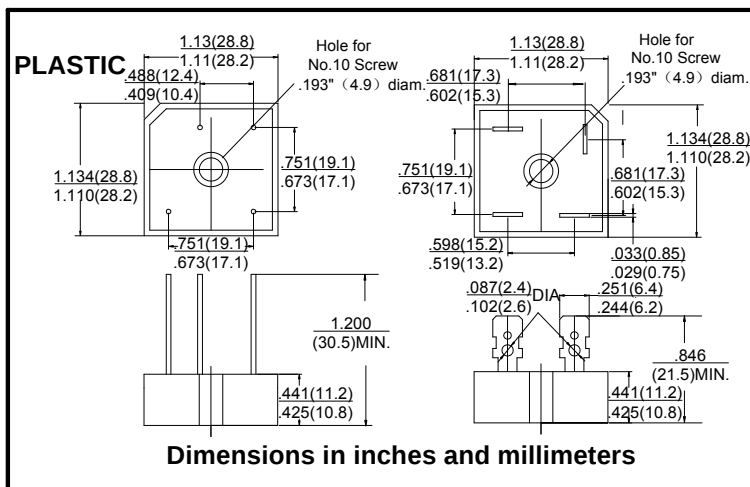
■特征 Features

- I_o 25A
- V_{RRM} 50V~1000V
- 耐正向浪涌电流能力高
High surge forward current capability

■用途 Applications

- 作一般电源单相桥式整流用
General purpose 1 phase Bridge rectifier applications

■外形尺寸和印记 Outline Dimensions and Mark



■ 极限值（绝对最大额定值）

Limiting Values (Absolute Maximum Rating)

[illegible]

■电特性 (T_a=25℃ 除非另有规定)

Electrical Characteristics (T_a=25℃ Unless otherwise specified)

参数名称 Item	符号 Symbol	单位 Unit	测试条件 Test Condition	最大值 Max
正向峰值电压 Peak Forward Voltage	V_{FM}	V	$I_{FM}=12.5A$, 脉冲测试, 单个二极管的额定值 $I_{FM}=12.5A$, Pulse measurement, Rating of per	1.1
反向峰值电流 Peak Reverse Current	I_{RRM}	μA	$V_{RM}=V_{RRM}$, 脉冲测试, 单个二极管的额定值 $V_{RM}=V_{RRM}$, Pulse measurement, Rating of per diode	10
热阻 Thermal Resistance	$R_{\theta J-C}$	$^{\circ}C/W$	结和桥壳之间, 用散热片 Between junction and case. With heatsink	1.4

■特性曲线（典型） Characteristics(Typical)

图1: I_o - T_a 曲线
FIG1: I_o - T_a Curve

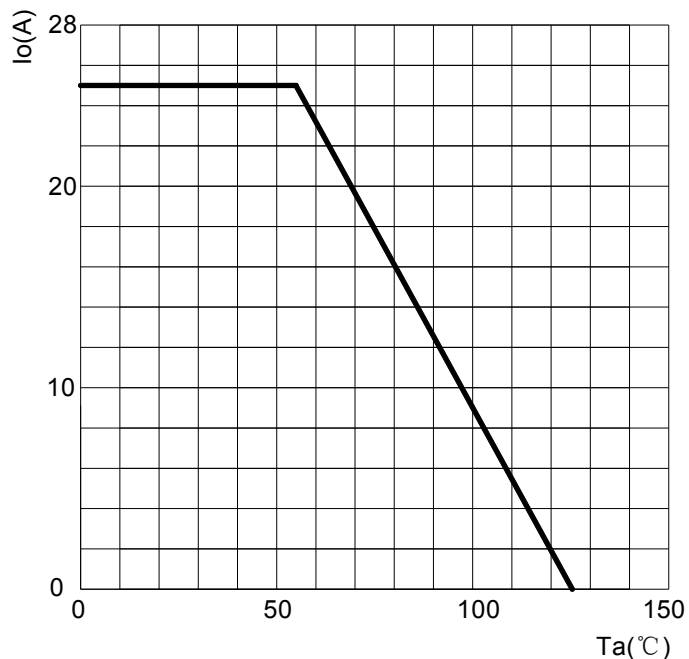


图2: 耐正向浪涌电流曲线
FIG2: Surge Forward Current Capability

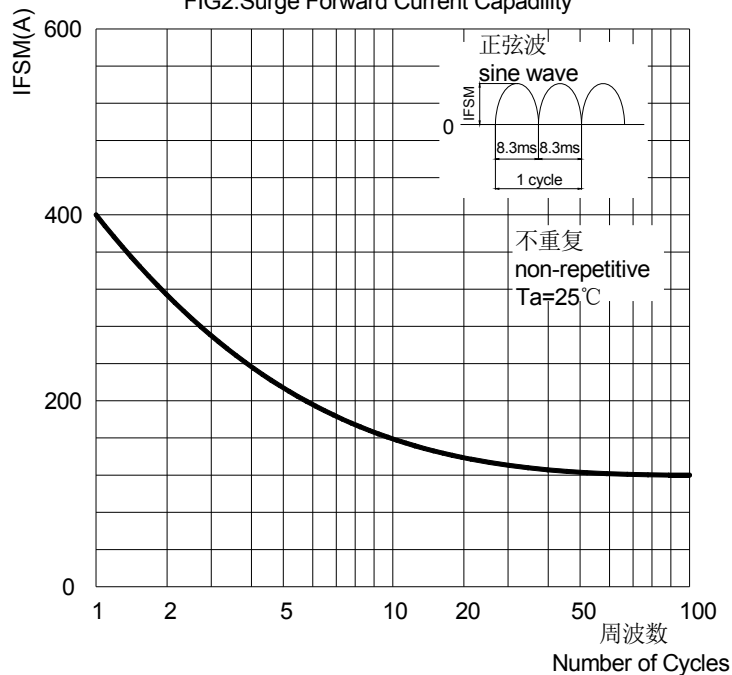


图3: 正向电压曲线
FIG3: Instantaneous Forward Voltage

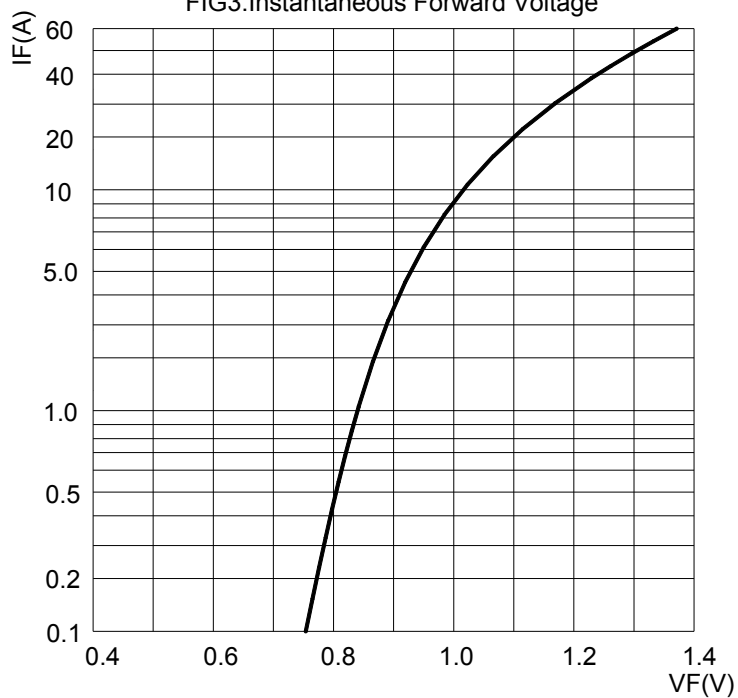


图4: 反向电流曲线
FIG4: Typical Reverse Characteristics

