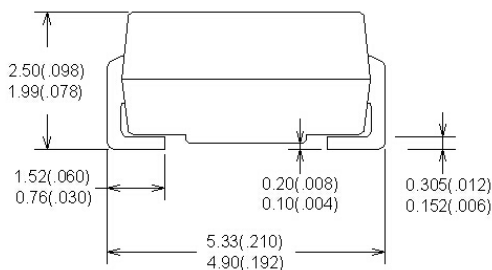
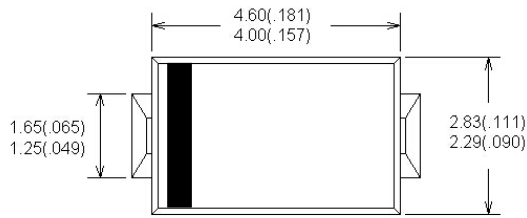


■ 外形尺寸

Outline Dimensions

单位 Unit: mm



■ 特性 Features

- 超小型 Supersmall size
- 高可靠性 High reliability
- 高速开关 High speed switching

■ 用途 Applications

- 彩色电视机高压电源整流用  
Rectification for high voltage power supply of color T.V.
- CRT 显示器高压电源整流用  
Rectification for high voltage power supply of CRT display
- V.T.R 摄像机高压电源整流用  
Rectification for high voltage power supply of V.T.R camera
- 其它高压电源整流用  
Others

■ 极限值 (绝对最大额定值)

Limiting Values (Absolute Maximum Rating)

参数名称 Item	符号 Symbol	单位 Unit	额定值 Rating	
			MT08	
反向重复峰值电压 Repetitive Peak Reverse Voltage	$V_{RRM}$	KV	8	
反向不重复峰值电压 Non-Repetitive Peak Reverse Voltage	$V_{RSM}$	KV	8.8	
正向平均电流 Average Forward Current	$I_{F(AV)}$	mA	5 (正弦半波 50HZ, 电阻负载, $T_a=25^\circ C$ ) (50HZ half -sine wave, Resistance load $T_a=25^\circ C$ )	
正向(不重复)浪涌电流 (Non-Repetitive) Forward Surge Current	$I_{FSM}$	A	0.5(正弦半波 50HZ, 1/2 周期, $T_a=25^\circ C$ ) (50HZ half -sine wave, 1/2cycle, $T_a=25^\circ C$ )	
工作环境温度 Operating Ambient Temperature	$T_a$	$^\circ C$	-40~+100	
贮存温度 Storage Temperature	$T_{stg}$	$^\circ C$	-40~+120	
有效结温 Virtual Junction Temperature	$T_J$	$^\circ C$	120	

■ 电特性 ( $T_a=25^\circ C$  除非另有规定)

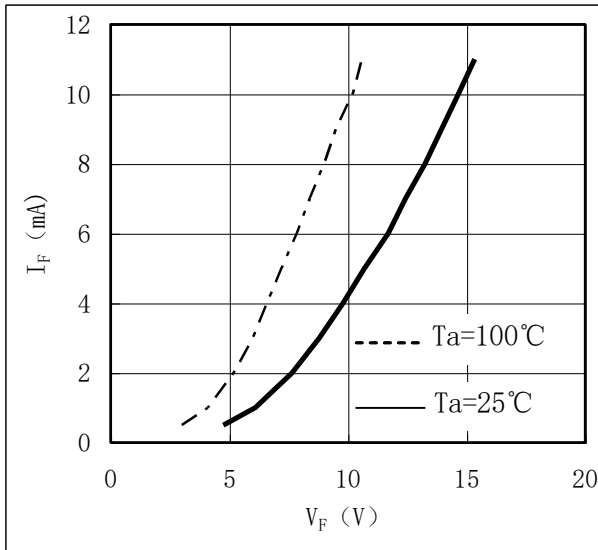
Electrical Characteristics ( $T_a=25^\circ C$  unless otherwise specified)

参数名称 Item	符号 Symbol	单位 Unit	测试条件 Test condition	数值 Rating	
				Min.	Max
正向峰值电压 Forward peak Voltage	$V_{FM}$	V	$I_F=10mA$		16
常温反向直流电流 Normal Temperature Reverse Direct Current	$I_{R1}$	$\mu A$	$V_R=V_{RRM} T=25^\circ C$		2
高温反向直流电流 High Temperature Reverse Direct Current	$I_{R2}$	$\mu A$	$V_R=V_{RRM} T=100^\circ C$		5
反向击穿电压 Reverse Breakdown Voltage	$V_Z$	kV	$I_Z=100\mu A$	8.8kV	
反向恢复时间 Reverse Recovery Time	trr	$\mu S$	$I_F=2mA, I_{RM}=4 mA$		0.10

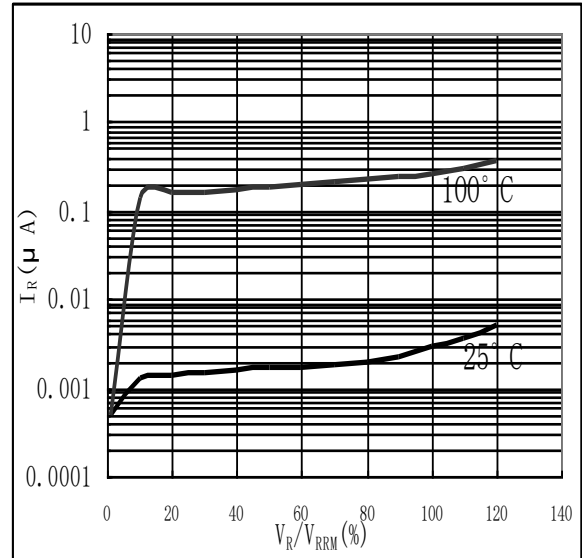
■ 典型特性曲线 Typical characteristics curve

- 电特性 Electricity characteristics

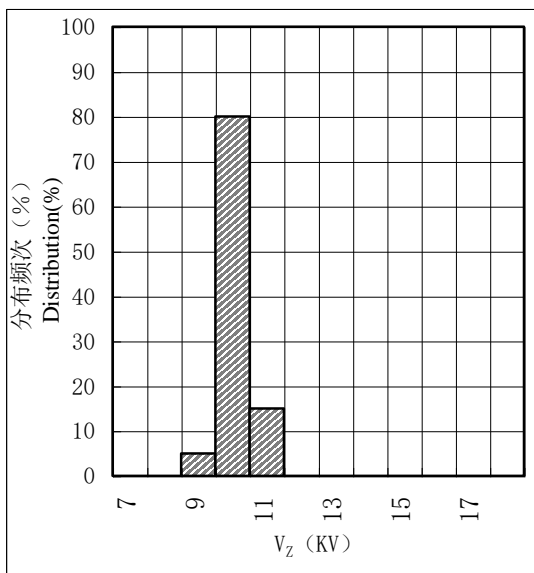
◇  $V_F$  &  $I_F$  curve



◇  $V_R$  &  $I_R$  curve



◇ Breakdown voltage



◇ Reverse recovery time

