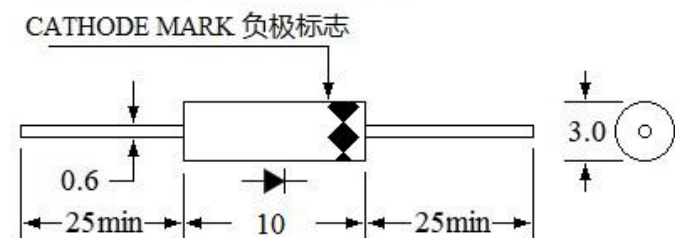


PRODUCT DRAWING 产品图



FEATURES 产品特点

High reliability design 高可靠性设计

Low Power 小功率

High speed switching 高速开关

Conform to RoHS and REACH 符合 RoHS 和 REACH

APPLICATIONS 应用领域

Rectification for high voltage power supply of color T.V. 彩色电视机高压电源整流用；

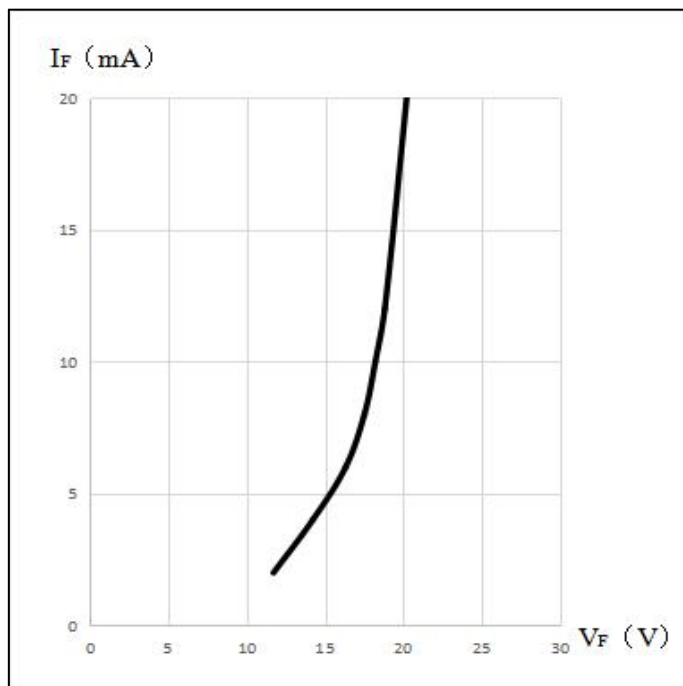
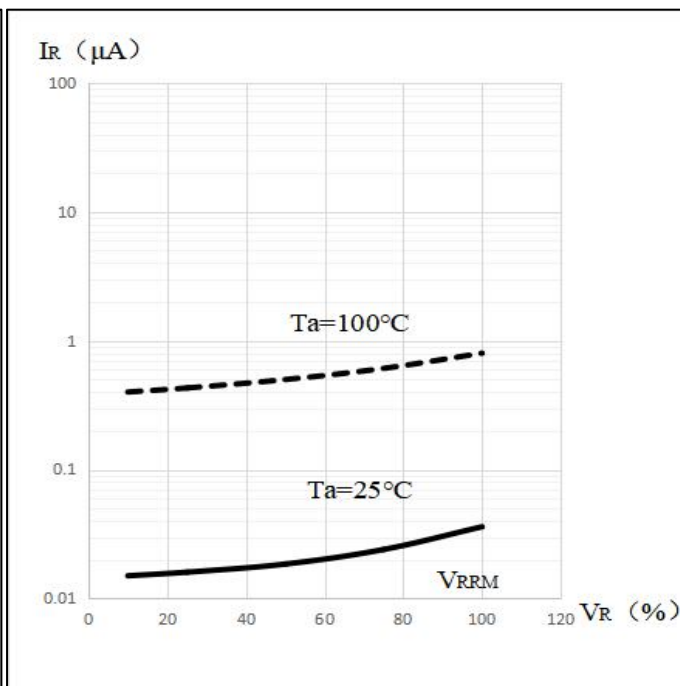
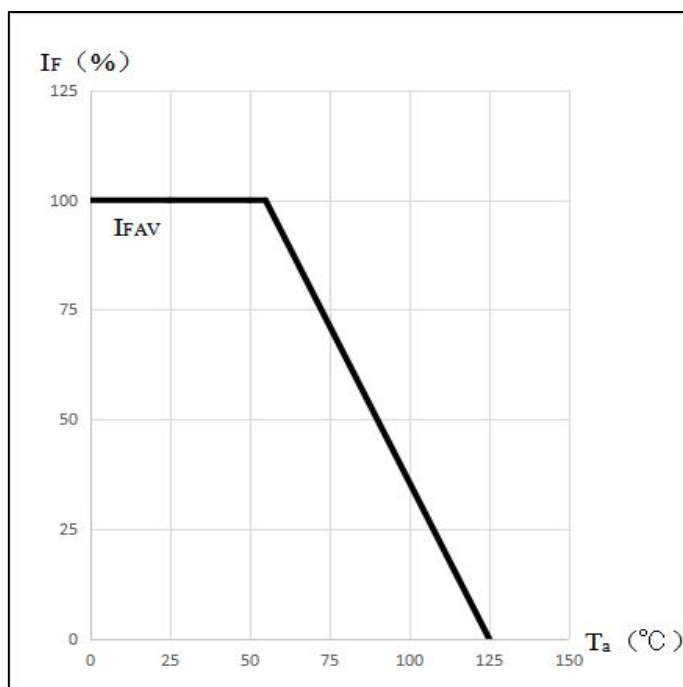
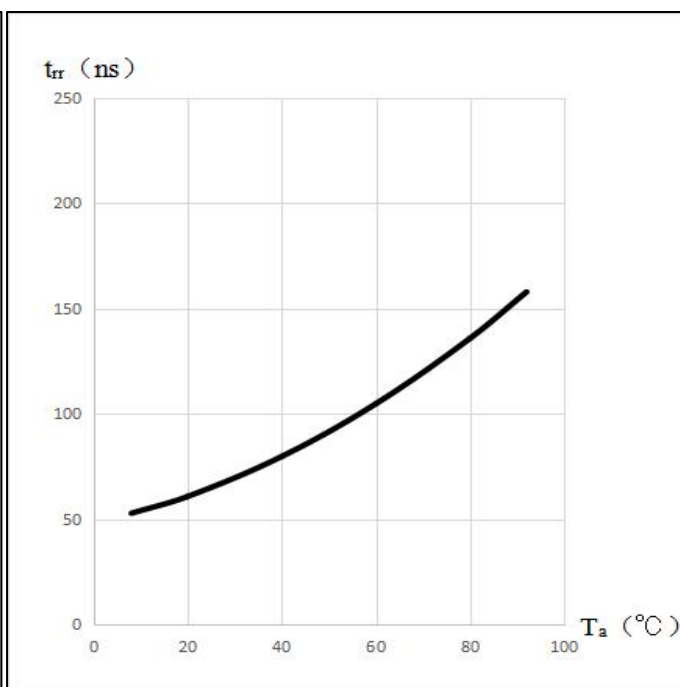
Rectification for high voltage power supply of CRT display. CRT显示器高压电源整流用；

Others. 其他高压电源整流用。

ELECTRICAL CHARACTERISTICS (at $T_a=25^{\circ}\text{C}$ Unless Otherwise Specified)电性能参数 ($T_a=25^{\circ}\text{C}$ 除非另有说明)

Specification 参数	Conditions 条件	Symbol 符号	Value 界限值
Repetitive Peak Reverse Voltage 反向重复峰值电压	--	V_{RRM}	12kV
Average Forward Current 平均正向电流	At $T_a=55^{\circ}\text{C}$ Air $T_a=55^{\circ}\text{C}$ 空气中	I_{FAV}	5mA
Peak Forward Voltage 正向峰值电压	$I_F=10\text{mA}$	V_{FM}	35V
Forward Surge Current 正向浪涌电流	At 8.3 mS, half sine 8.3 mS, 正弦半波	I_{FSM}	3Amps
Reverse Current 反向电流	At Rated V_{RRM} , 25°C Ambient 额定 V_{RRM} , 环境温度 25°C	I_{RM1}	2 μA
	At Rated V_{RRM} , 100°C oil 额定 V_{RRM} , 100°C 油中	I_{RM2}	5 μA
Reverse Recovery Time 反向恢复时间	$I_F=2\text{mA}$; $I_R=-4\text{mA}$; $I_{rr}=-1\text{mA}$	t_{rr}	100ns
Typical Junction Capacitance 典型的结电容	At $V_R=0\text{VDC}$, Frequency = 1 MHz $V_R=0\text{VDC}$, 频率 = 1 MHz	C_j	0.26pF
Maximum Junction Temperature 最高结温	--	T_j	125 $^{\circ}\text{C}$
Storage Temperature Range 存储温度范围	--	T_{stg}	-55 to 150 $^{\circ}\text{C}$

CHARACTERISTIC CURVE 特性曲线

正向特性曲线
 I_F - V_F Curve反向漏电流随电压变化曲线
 I_R - V_R Curve正向整流电流随温度变化曲线
 I_{FAV} - T_a Curve反向恢复时间随温度变化曲线
 t_{rr} - T_a Curve