

**VOLTAGE RANGE: 10 KV**  
**CURRENT: 5.0 mA**

### Features

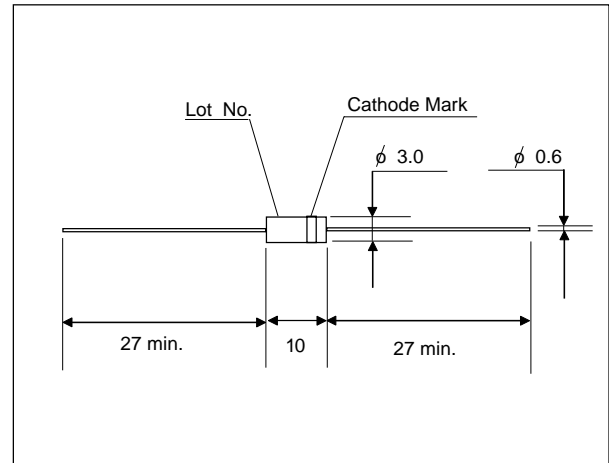
- High speed switching
- High Current
- High surge resistivity for CRT discharge
- High reliability design
- High Voltage

### Applications

- X light Power supply
- Laser
- Voltage doubler circuit
- Microwave emission power



### Outline Drawings : mm



### Maximum Ratings and Electrical Characteristics T<sub>A</sub> = 25°C unless otherwise specified

Characteristic	Symbols	ESJA59-10A	Units
Repetitive Peak Reverse Voltage	V <sub>RRM</sub>	10	kV
Non-Repetitive peak forward Current 50Hz Sine-half wave peak value	IFSM	0.5	A
Average forward Current 50Hz Sine Wave	I <sub>AV</sub>	5.0	mA
Maximum Forward Voltage Drop at 25°C, I <sub>F</sub> =10mA	V <sub>F</sub>	36	V
Maximum Reverse Current at 25°C, V <sub>R</sub> = 10KV at 100°C, V <sub>R</sub> = 10KV	V <sub>RRM</sub>	2.0	uA
		5.0	uA
Maximum Reverse Recovery Time at 25°C IF=2mA, IR=4mA	T <sub>rr</sub>	0.08	nS
Junction Capacitance at 25°C, V <sub>R</sub> =0V, f=1MHz	C <sub>j</sub>	1.0	pF
Junction Temperature	T <sub>j</sub>	120	°C
Allowable Operation Case Temperature	T <sub>c</sub>	100	°C
Storage Temperature	T <sub>stg</sub>	-40 to +120	°C

单击下面可查看定价，库存，交付和生命周期等信息

[>>SUNMATE\(森美特\)](#)