

## Y YZPST-HV big current series

### Product Characteristics

1. High junction temperature : -40°C-150°C
2. Low forward voltage drop, and small current leakage
3. Avalanche breakdown protection
4. Reverse recovery time (Trr) : 40-150nS
5. Excellent properties against HV surge impact
6. Axial leading wires which are weldable
7. Epoxy package with anti-corrosion properties on surface

### Application

The microwave high power rectifier;

Industrial microwave power supplies;

HF X ray source;

Laser power supply;

Voltage multiplying circuits

Rectification of power supplies for other electronic devices

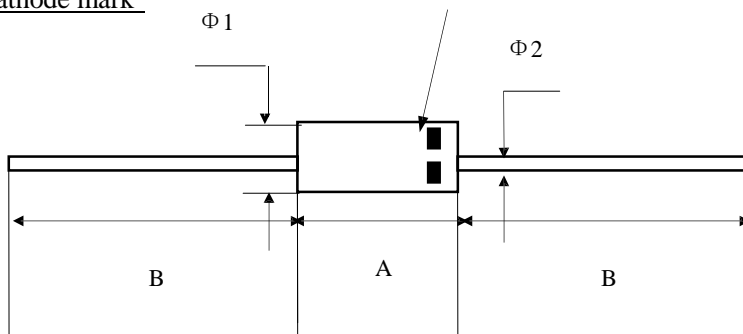


**Specifications**

Model		Repetitive Peak Reverse Voltage $V_{RRM}$ KV	Average Forward Rectified Current $I_O$ mA	Maximum Forward Surge Current $I_{FSM}$ A	Maximum Peak Forward Voltage $V_{FM}$ V,	Maximum DC Reverse Current $I_R$ $\mu$ A		Maximum Reverse Recovery $T_{me}$ trr nS
						$T_a=25$ °C	$T_a=100$ °C	
YZPST -HV	600S10	10	600	40	15.0	5.0	50	-
	600S12	12	600	40	18.0	5.0	50	-
YZPST -HV	FOB	9	500	40	13.8	5.0	50	40
YZPST -HV	104	12	350	30	15.0	5.0	50	-
	106	12	450	30	15.0	5.0	50	-

**Dimensions (in mm)**

Cathode mark



Type	A	B(min)	Φ1	Φ2
600S10,600S12, YZPST-HV FOB	22	20	7.5	1.2
104,106				