

YANGZHOU POSITIONING TECH CO.,LTD

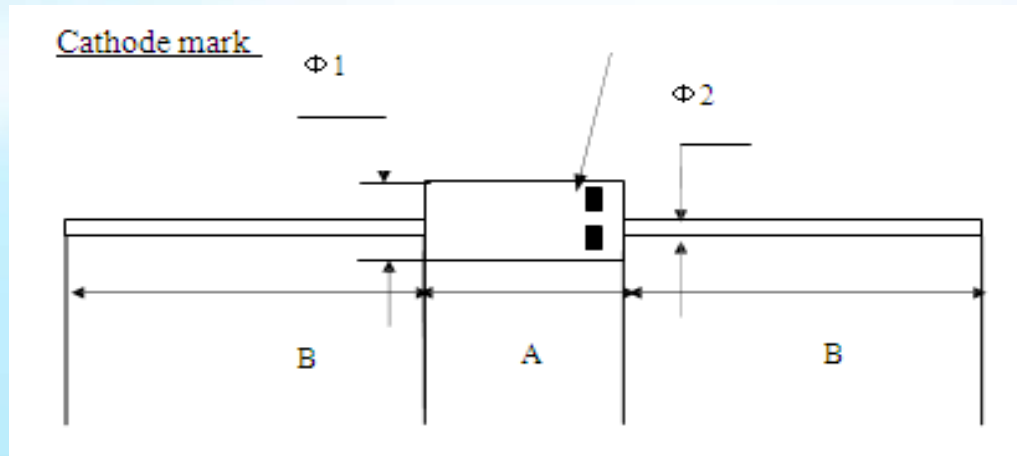
HIGH VOLTAGE DIODE IN PLASTIC PACKAGE

Series Product Introduction



YZPST-HV 5-10mA small current series

Dimensions (mm)



Type	A	B(min)	$\Phi 1$	$\Phi 2$
JB04,JB08,2CL71	5	24	2	0.6
2CL69A,2CL71A	6.5		2.5	0.6
2CL69	8		3	0.6
2CL73,2CL74	10		3	0.6

YZPST-HV 5-10mA small current series

Specifications

Model		The Corresponding Fuji Product Model V_{RRM} KV	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 VFM V, IFM=10mA	Maximum DC Reverse Current I_R μ A		Maximum Reverse Recovery Time t_{rr} nS
YZPST-HV12	2CL73	ESJA52-12	12	5.0	0.5	20.0	2.0	5.0	80
YZPST-HV14	2CL74	ESJA52-14	14	5.0	0.5	22.0	2.0	5.0	80

YZPST-HV 100-400mA series

Product Characteristics

1. High junction temperature : -40°C - 150°C
2. Low forward conduction voltage and small leakage current
3. Avalanche voltagebreakdown protection
4. Reverse recovery time (T_{rr}): 70-100nS
5. Excellent properties against HV surge impact
6. Axial leading wires which are weldable
7. Epoxy package with anti-corrosion properties on surface

YZPST-HV 100-400mA series

Application

High frequency and high voltage power supply rectifier;

Industrial microwave power supplies;

HF X ray source;

Laser power supply;

Voltage multiplying circuits

Rectification of power supplies for other electronic devices

YZPST-HV high 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 (T_{rr}) : 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

YZPST-HV high current series

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 μ A		Maximum Reverse Recovery Time t_{rr} nS
						Ta=25°C	Ta=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	-

YZPST-HV HVR glass passivation chip series

Product Characteristics

1. High junction temperature: -60°C - 175°C
2. Low forward voltage drop, and small current leakage
3. Avalanche breakdown protection
4. Reverse recovery time (T_{rr}) less than 50nS
5. Excellent properties against HV surge impact
6. Axial leading wires which are weldable
7. Use glass blunt chip and epoxy package with anti-corrosion properties on surface

YZPST-HV HVR glass passivation chip series

Application

High voltage rectifier of medical equipment system ;

Micro medical instrument

Cottrell process

power supply of laser

Voltage multiplying circuits

Rectification of power supplies for other electronic devices

Metal detector

YZPST-Special high-voltage assembly

Application

Our company supply many kinds of power frequency, high frequency, snowslide, immersion oil, air, special type, lead type, semibridge system, Impact type, line type high-voltage silicon stack, Current range from 20mA, 200mA, 500mA, 1.0A, 2.0A to 10.0A, voltage range from 30KV to 500KV.



YZPST-Special high-voltage assembly

Current range

power frequency	0.05A	0.1A	0.2A	0.5A	1.0A
	1.5A	2.0A	3.0A	5.0A	10.0A
high frequency	0.02A	0.05A	0.1A	0.2A	0.5A
	1.0A	2.0A	3.0A	5.0A	10.0A
Line type silicon stack	power frequency 0.05A-10.0A	high frequency 0.05A-10.0A			

THANK YOU FOR YOUR TIME !

- **Yangzhou Positioning Tech. Co., Ltd**



Add: Room 303 Weiheng Building, No. 184 Wangyue Rd, Yangzhou,
Jiangsu, P.R.C 225000

Tel: +86-514-8778 2298, 8778 2296

FAX: +86-514-8778 2297, 8736 7519

E-mail : positioning@china.com; yzforever@163.net;

SKYPE ID : yzforever0313

www.pst888.com

