

ZP5000-RECTIFIER DIODE

Jiangsu Yangjie Runau Semiconductor Co.,Ltd

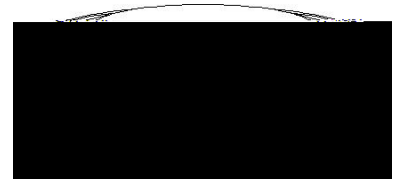
5800-6600V_{RRM}

HIGH POWER FREE FLOATING TYPE RECTIFIER DIODE

Features:

ZT135dT

- . All diffused structure
- . High surge rating
- . Blocking capability up to 6600 volts
- . Ceramic housing hermetic package
- . Pressure assembled device



ELECTRICAL CHARACTERISTICS AND RATINGS

Reverse Blocking

V_{RRM} = Repetitive peak reverse voltage

V_{RSM} = Non repetitive peak reverse voltage (2)

Repetitive peak reverse leakage current	I_{RRM}	5 mA 200 mA (3)
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Conducting - on state

Parameter

Symbol

Parameter	Symbol	Min.	Max.	Typ.	Units	Conditions
Operating temperature	T_j	-40	+145		°C	
Storage temperature	T_{stg}	-40	+145		°C	
Thermal resistance - junction to case	$R_{-c)}$		0.004		°C/W	Double sided cooled
Thermal resistance - case to heatsink	$R_{-s)}$		0.001		°C/W	Double sided cooled
Mounting force	P			120	kN	
Weight	W			3.60	kg.	

* Mounting surfaces smooth, flat and greaseless

CASE OUTLINE AND DIMENSIONS

