

# ZP2000- RECTIFIER DIODE

Jiangsu Yangjie Runau Semiconductor Co.,Ltd

1800-2400V<sub>RRM</sub>

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## GENERAL PURPOSE HIGH POWER STANDARD RECTIFIER

### Features:

ZT55cT

- . All Diffused Structure
- . High Surge rating
- . Blocking capability up to 2400 volts
- . Ceramic Housing Hermetic Package
- . Pressure Assembled Device



## ELECTRICAL CHARACTERISTICS

Parameter	Symbol	Min.	Max.	Typ.	Units	Conditions
Operating temperature	$T_j$	-40	+175		°C	
Storage temperature	$T_{stg}$	-40	+175		°C	
Thermal resistance - junction to case	$R_{jc}$		0.022		°C/W	Double sided cooled
Thermal resistance - case to heatsink	$R_{cs}$		0.005		°C/W	Double sided cooled
Mounting force	P	22	27	25	kN	
Weight	W			0.46	kg.	

\* Mounting surfaces smooth, flat and greaseless

**CASE OUTLINE AND DIMENSIONS**

