

ZP3500 - RECTIFIER DIODE

Jiangsu Yangjie Runau Semiconductor Co.,Ltd

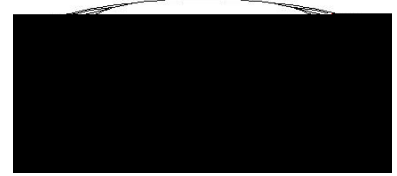
2500-3500V_{RRM}

GENERAL PURPOSE HIGH POWER STANDARD RECTIFIER

Features:

ZT80cT

- . All Diffused Structure
- . High Surge rating
- . Blocking capability up to 3500 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

Parameter	Symbol	Min.	Max.	Typ.	Units	Conditions
Operating temperature	T_j	-40	+160		°C	
Storage temperature	T_{stg}	-40	+160		°C	
Thermal resistance - junction to case	R_{jc}		0.010		°C/W	Double sided cooled
Thermal resistance - case to heatsink	R_{cs}		0.003		°C/W	Double sided cooled
Mounting force	P	32	39	35	kN	
Weight	W			1.1	kg.	

* Mounting surfaces smooth, flat and greaseless

CASE OUTLINE AND DIMENSIONS

