

ZP2100- RECTIFIER DIODE

Jiangsu Yangjie Runau Semiconductor Co., Ltd

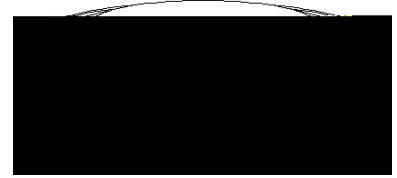
4600-5200V_{RRM}

GENERAL PURPOSE HIGH POWER STANDARD RECTIFIER

Features:

- . All Diffused Structure
- . High Surge rating
- . Blocking capability up to 5200 volts
- . Ceramic Housing Hermetic Package
- . Pressure Assembled Device

ZT80cT



ELECTRICAL CHARACTERISTICS AND RATINGS

Reverse Blocking

V_{RRM} = Repetitive peak reverse voltage

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

Repetitive peak reverse leakage	I_{RRM}	5 mA 100 mA (3)
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Parameter	Symbol	Min.	Max.	Typ.	Units	Conditions
Operating temperature	T_j	-40	+150		°C	
Storage temperature	T_{stg}	-40	+150		°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