

# ZP640- RECTIFIER DIODE

**Jiangsu Yangjie Runau Semiconductor Co.,Ltd**

3600-4500V<sub>RRM</sub>

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## GENERAL PURPOSE HIGH POWER STANDARD RECTIFIER

Features:

ZT40cT

- . All diffused structure
- . High surge rating
- . Blocking capability up to 4500 volts
- . Ceramic housing hermetic package
- . Pressure assembled device

## ELECTRICAL CHARACTERISTICS AND RATINGS

Reverse Blocking

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	$R_{jc}$		0.039		°C/W	Double sided cooled
Thermal resistance - case to heatsink	$R_{cs}$		0.008		°C/W	Double sided cooled
Mounting force	P	13	17	15	kN	
Weight	W			0.26	kg.	

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