

ZK500-RECTIFIER DIODE

Jiangsu Yangjie Runau Semiconductor Co.,Ltd

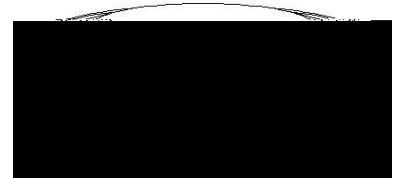
1000-1800 V_{RRM}

FAST RECOVERY RECTIFIER DIODE

Features:

ZT36cT

- . All diffused structure
- . High surge rating
- . Blocking capability up to 1800 volts
- . Soft recovery
- . 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}	15 mA 35 mA (3)
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Conducting - on state

Parameter	Symbol	Min.	Max.	Typ.	Units	Conditions
Average forward current	I _{F(AV)}		500		A	Sinewave 180°, T _c = 70
RMS forward current	I _{FRMS}		785		A	

Parameer	Symbol	Min.	Max.	Typ.	Units	Conditions
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