



## **BAT400D**

## **SURFACE MOUNT SCHOTTKY BARRIER DIODES**

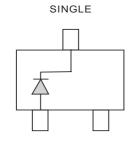
VOLIAGE 40 Volts	POWER	480 myvatts
FEATURES		
Low Forward voltage Drop		
High Conductance		
•		

## **MAXIMUM RATINGS**

Ratings at 25°C ambient temperature unless otherwise specified. For capacitive load, derate current by 20%.

Characteristic	Symbol	Value	Units
Peak Repetitive Reverse Voltage Working Peak Reverse Voltage DC Blocking Voltage	VRRM VRWM VR	40	V
RMS Reverse Voltage	VR(RMS)	28	V
Average Rectified Current	I F(AV)	0.5	Α
Non-Repetitive Peak Forward Surge Current 8.3ms Single half sine-wave supimposed on rated load (JEDEC Method)	I FSM	5.5	Α
Power Dissipation (see figure 1)	PD	480	mW
Typical Thermal Resistance, Junction to Ambient Air	Reja	286	°C/W
Operation and Storage Temperature Range	TJ, TSTG	-40 to +125	°C

 $\label{eq:NOTE:1.Short duration pulse test used to minimize self-heating effect.}$ 



REV.0.2-FEB.5.2009 PAGE . 1