

# **Schottky Barrier Rectifier**

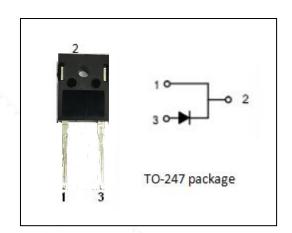
## APT60S20B

#### **FEATURES**

- Ultrafast Recovery Times
- · Low forward voltage, high efficiency
- Minimum Lot-to-Lot variations for robust device performance and reliable operation

#### **APPLICATIONS**

- Free Wheeling Diode
- · Uninterruptible Power Supply
- · High Speed Rectifiers



## ABSOLUTE MAXIMUM RATINGS(Ta=25℃)

SYMBOL	PARAMETER	VALUE	UNIT
V <sub>RRM</sub> V <sub>RWM</sub> V <sub>R</sub>	Peak Repetitive Reverse Voltage Working Peak Reverse Voltage DC Blocking Voltage	200	V
I <sub>F(AV)</sub>	Average Rectified Forward Current	75	Α
I <sub>FSM</sub>	Non-repetitive Peak Surge Current	600	Α
TJ	Junction Temperature	-55~150	$^{\circ}$
T <sub>stg</sub>	Storage Temperature Range	-55~150	${\mathbb C}$

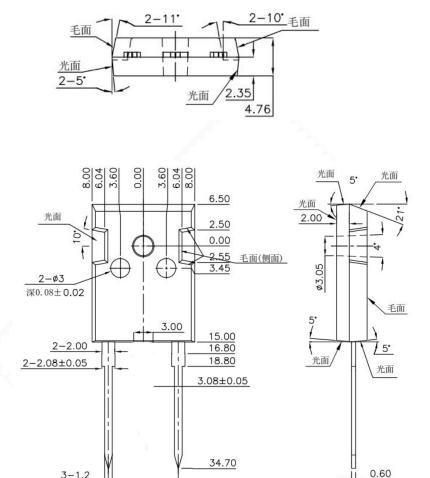
## ELECTRICAL CHARACTERISTICS(T<sub>a</sub>=25℃) (Pulse Test: Pulse Width=300 µ s,Duty Cycle≤2%)

SYMBOL	PARAMETER	CONDITIONS	MAX	UNIT
VF	Maximum Instantaneous Forward Voltage	I <sub>F</sub> = 60A; T <sub>j</sub> =25℃	0.9	V
IR	Maximum Instantaneous Reverse Current	V <sub>R</sub> =200V; T <sub>j</sub> =25°C	1	mA

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#### **PACKAGE OUTLINE**



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