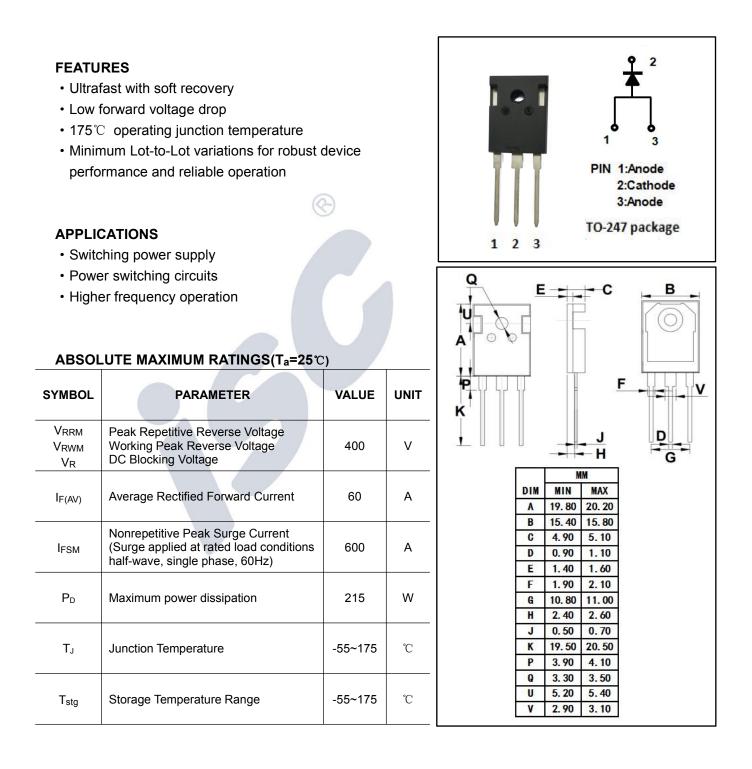




## VS-60APU04PBF



isc website: <u>www.iscsemi.com</u>



### Ultrafast Rectifier

**INCHANGE SEMICONDUCTOR** 

# VS-60APU04PBF

#### THERMAL CHARACTERISTICS

SYMBOL	PARAMETER	МАХ	UNIT
R <sub>th j-c</sub>	Thermal Resistance, Junction to Case	0.70	°C <b>/W</b>

#### ELECTRICAL CHARACTERISTICS(Ta=25°C) (Pulse Test: Pulse Width=300 µ s, Duty Cycle≤2%)

SYMBOL	PARAMETER	CONDITIONS	МАХ	UNIT
V <sub>F*</sub>	Maximum Instantaneous Forward Voltage	I <sub>F</sub> =60A ;Tj=25℃	1.25	V
I <sub>R</sub>	Maximum Instantaneous Reverse Current	V <sub>R</sub> = V <sub>RWM</sub> ; V <sub>R</sub> = V <sub>RWM</sub> ;Tj=150℃	0.05 2	mA
trr	Maximum Reverse Recovery Time	I <sub>F</sub> = 1A;di/dt = 200A/µs	60	ns

\*:Pulse test ,Pulse width=300us,duty cycle≤2%

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