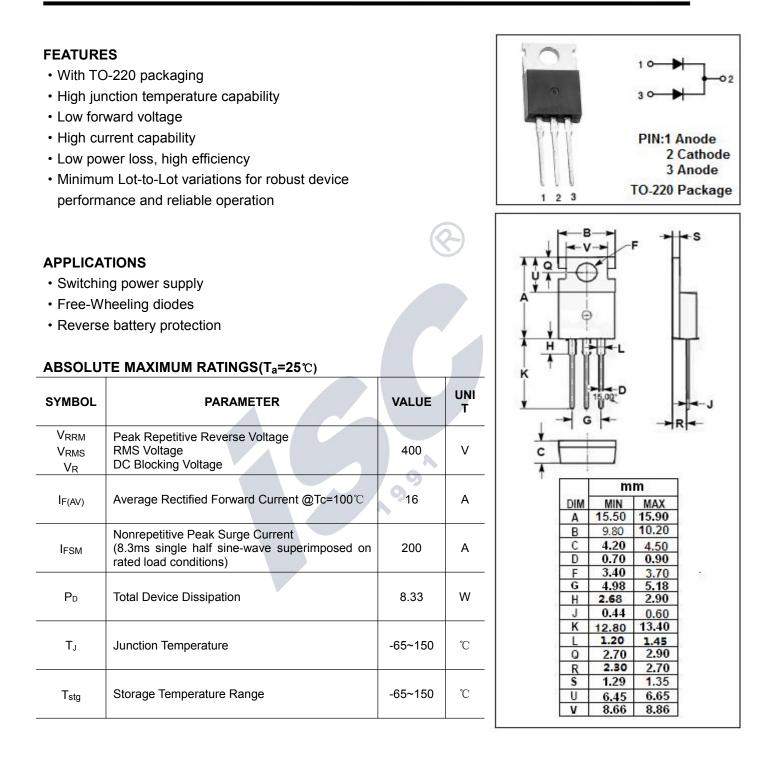
### INCHANGE SEMICONDUCTOR



### **Fast Rectifier**

# FEP16GT



# **F**ast Rectifier

# FEP16GT

#### THERMAL CHARACTERISTICS

SYMBOL	PARAMETER	MAX	UNIT
R <sub>th j-c</sub>	Thermal Resistance, Junction to Case	15	°C <b>/W</b>

#### ELECTRICAL CHARACTERISTICS (Pulse Test: Pulse Width=300 µ s,Duty Cycle≤1%)

SYMBOL	PARAMETER	CONDITIONS	МАХ	UNIT
VF	Maximum Instantaneous Forward Voltage	IF=8A	1.3	V
I <sub>R</sub>	Maximum Instantaneous Reverse Current	V <sub>R</sub> = rated V <sub>RRM</sub> ;@Tj=25℃ Tj=100℃	10 500	μA
trr	Maximum Reverse Recovery Time	I <sub>F</sub> =0.5A;I <sub>R</sub> =1.0A;Irr=0.25A	50	ns

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