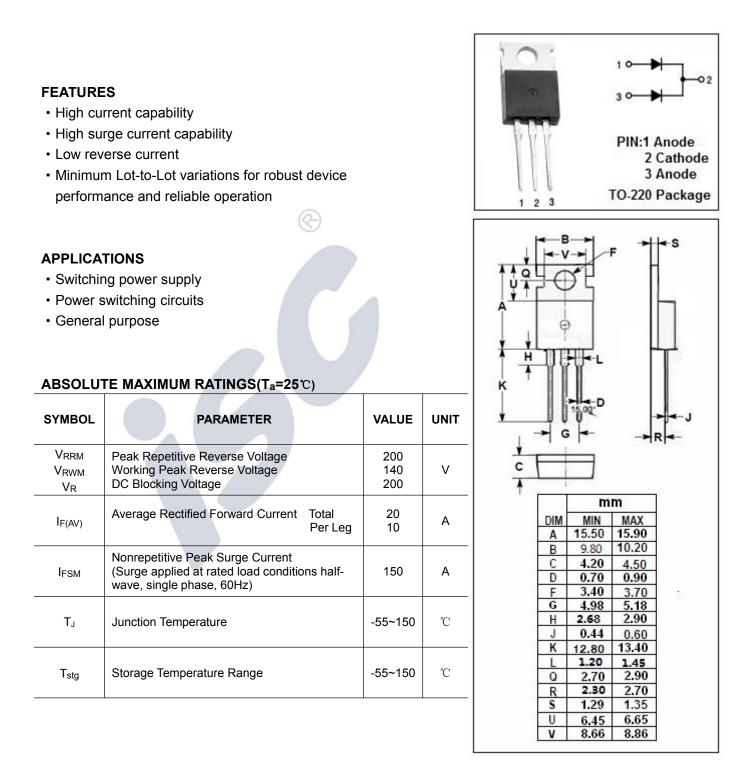


SF2004CT





Ultra fast Rectifier

SF2004CT

THERMAL CHARACTERISTICS

SYMBOL	PARAMETER	МАХ	UNIT
Rth j-c	Thermal Resistance, Junction to Case	3	°C/W

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

SYMBOL	PARAMETER	CONDITIONS	МАХ	UNIT
V _F	Maximum Instantaneous Forward Voltage	I⊧=10A ;Tj=25℃	1.0	V
I _R	Maximum Instantaneous Reverse Current	V _R = V _{RWM} ;Tj=25°C V _R = V _{RWM} ;Tj=100°C	10 200	μA
trr	Maximum Reverse Recovery Time	I _F =0.5A;I _R =1A;I _{RR} = 0.25A	35	ns

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