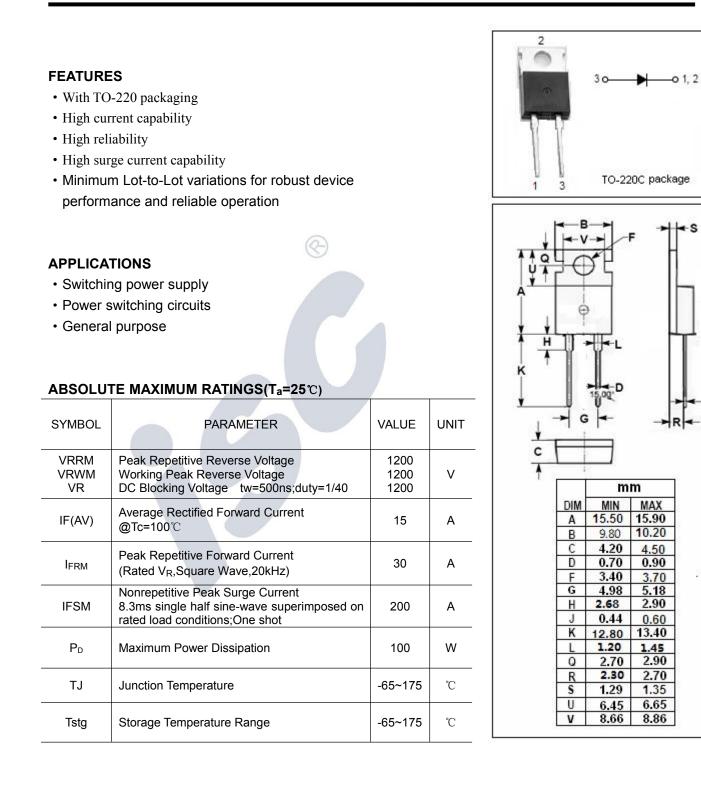


INCHANGE SEMICONDUCTOR

RHRP15120

S





Ultra fast Rectifier

RHRP15120

THERMAL CHARACTERISTICS

SYMBOL	PARAMETER	МАХ	UNIT
R _{th j-c}	Thermal Resistance, Junction to Case	1.5	°C/W

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

SYMBOL	PARAMETER	CONDITIONS	МАХ	UNIT
VF	Maximum Instantaneous Forward Voltage	I⊧=15A I⊧=15A:Tj=150℃	3.2 2.6	V
IR	Maximum Instantaneous Reverse Current	V _R = V _{RWM;} V _R = V _{RWM;} Tj=150℃	100 500	μA
trr	Maximum Reverse Recovery Time	IF =15A;dI _F /dt=100A/ µ s	75	ns



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