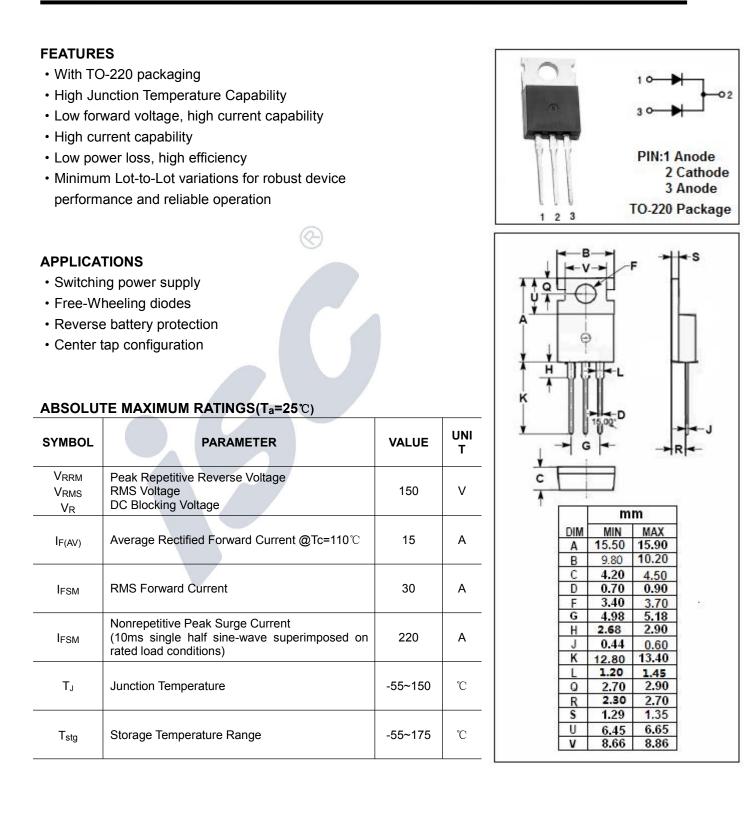


Schottky Barrier Rectifier

INCHANGE SEMICONDUCTOR

STPS30150CT



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

¹ *isc & iscsemi* is registered trademark



Schottky Barrier Rectifier

STPS30150CT

THERMAL CHARACTERISTICS

SYMBOL	PARAMETER	МАХ	UNIT
R _{th j-c}	Thermal Resistance, Junction to Case	1.6	°C/W

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

SYMBOL	PARAMETER	CONDITIONS	МАХ	UNIT
VF	Maximum Instantaneous Forward Voltage	IF= 15A ;Tc= 25℃ IF= 15A ;Tc= 125℃ IF= 30A ;Tc= 25℃ IF= 30A ;Tc= 125℃	0.92 0.75 1.00 0.86	V
I _R	Maximum Instantaneous Reverse Current	V _R = rated V _{RRM} ; Tj= 25℃ V _R = rated V _{RRM} ; Tj= 125℃	6.8 8.0	μA mA

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