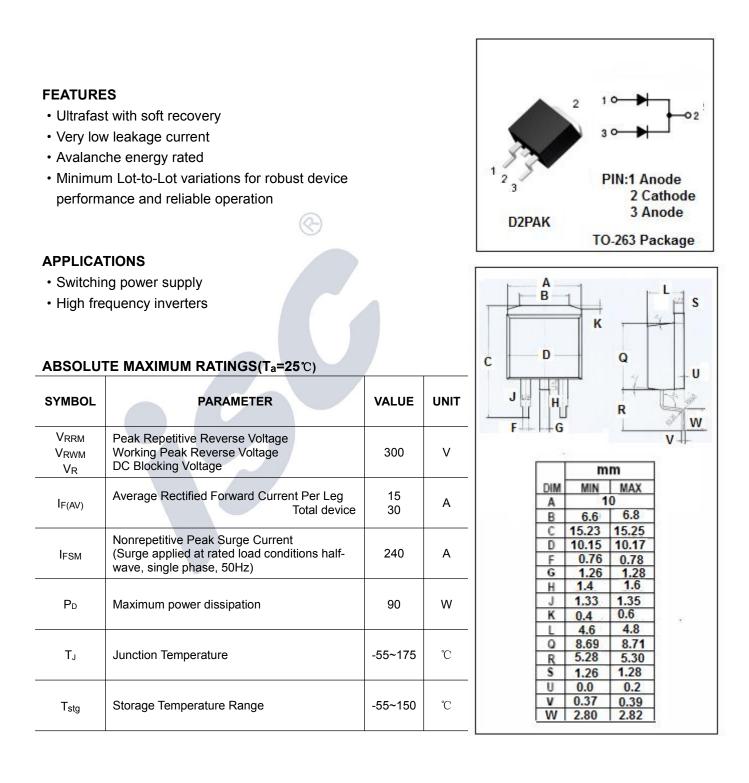


DPG30C300PC





Fast Recovery Rectifier

INCHANGE SEMICONDUCTOR

DPG30C300PC

THERMAL CHARACTERISTICS

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

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

SYMBOL	PARAMETER		CONDITIONS	МАХ	UNIT
VF	Instantaneous Forward Voltage	®	I_F = 15A; T_j =25 °C I_F = 15A; T_j =150 °C I_F = 30A; T_j =25 °C I_F = 30A; T_j =150 °C	1.26 1.01 1.51 1.29	V
I _R	Instantaneous Reverse Current		V _R = V _{RWM} ; V _R = V _{RWM} ;Tj=150°C	1 80	μA
trr	Reverse Recovery Time		I⊧ =15A;V _R =200V;di/dt =200A/µs; Tj=25 °C	35	ns

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