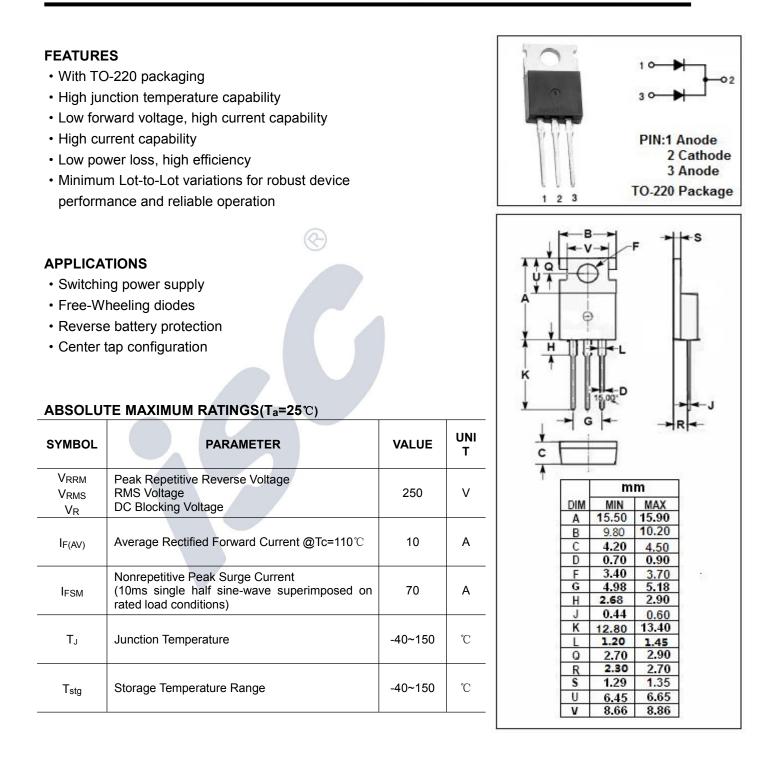


Ultra fast Rectifier

INCHANGE SEMICONDUCTOR

ESAC25-02C





ESAC25-02C

THERMAL CHARACTERISTICS

SYMBOL	PARAMETER	МАХ	UNIT
R _{th j-c}	Thermal Resistance, Junction to Case	3.0	°C/W

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

SYMBOL	PARAMETER	CONDITIONS	MAX	UNIT
VF	Maximum Instantaneous Forward Voltage	IF=2.5A	1.3	V
I _R	Maximum Instantaneous Reverse Current	V _R = rated V _{RRM} ;	50	μA
trr	Maximum Reverse Recovery Time	I _F =0.1A;I _R =0.1A	400	ns

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