



**Fast Recovery Rectifier**
**MURB1620CT**
**THERMAL CHARACTERISTICS**

SYMBOL	PARAMETER	MAX	UNIT
$R_{th\ j-c}$	Thermal Resistance, Junction to Case	1.5	$^{\circ}C/W$

**ELECTRICAL CHARACTERISTICS ( $T_a=25^{\circ}C$ ) (Pulse Test: Pulse Width=300  $\mu$  s, Duty Cycle  $\leq$  2%)**

SYMBOL	PARAMETER	CONDITIONS	MAX	UNIT
$V_F$	Maximum Instantaneous Forward Voltage	$I_F=8A; T_j=25^{\circ}C$	0.975	V
$I_R$	Maximum Instantaneous Reverse Current	$V_R=V_{RWM}$ $V_R=V_{RWM}; T_j=150^{\circ}C$	5 250	$\mu$ A
$t_{rr}$	Maximum Reverse Recovery Time	$I_F=0.5A; I_R=1A; I_{rr}=0.25a$	25	ns

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