



## Electrical Characteristics

Symbol	Conditions	Values			Units
		Min.	Typ.	Max.	
$V_{TM}$	$T=25 \quad I_{TM}=200A$			1.65	V
$I_{RRM}/I_{DRM}$	$T_{VJ}=T_{VJM}, V_R=V_{RRM}, V_D=V_{DRM}$			15	mA
$V_{TO}$	For power-loss calculations only ( $T_{VJ}=125$ )			0.9	V
$r_T$	$T_{VJ}=T_{VJM}$			3.5	m
$V_{GT}$	$T_{VJ}=25, V_D=6V$			3.0	V
$I_{GT}$	$T_{VJ}=25, V_D=6V$			150	mA
$V_{GD}$	$T_{VJ}=125, V_D=2/3V_{DRM}$			0.25	V
$I_{GD}$	$T_{VJ}=125, V_D=2/3V_{DRM}$			6	mA
$I_L$	$T_{VJ}=25, R_G=33$		300	600	mA
$I_H$	$T_{VJ}=25, V_D=6V$		150	250	mA
tgd	$T_{VJ}=25, I_G=1A, di_G/dt=1A/us$		1		us
tq	$T_{VJ}=T_{VJM}$		80		us

Performance Curves



