Electrical Characteristics (@ T_C = 25°C unless otherwise specified)

Parameter	Conditions	Symbol	Values			Unit
			Min.	Typ.	Max.	
Peak forward voltage	I_T=750A, t_P=380μs	V_T			1.80	V
Repetitive peak off-state current	$V_D = V_{DRM}, T_{vj}$ = 25	I_{DRM}			100	μA
	$V_D = V_{DRM}, T_{vj}$ = 125				60	mA
Reverse leakage current	$V_R = V_{RRM}, T_{vj}$ = 25	I_{RRM}			100	μA
	$V_R = V_{RRM}, T_{vj}$ = 125				60	mA
Threshold voltage	For power loss calculation only T_{vj} = 125 ,	V_{TO}			0.8	V
Dynamic resistance	T_{vj} = 125 . 0 9 2 T m ( ) T j / P < < / M C I D 7 3					

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Circuit Diagram

Package Outlines (mm)

Package Outlines (mm)

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