Specifcation of products

> ? Q R : S T U V W X

> ? z { : MURP200400CI

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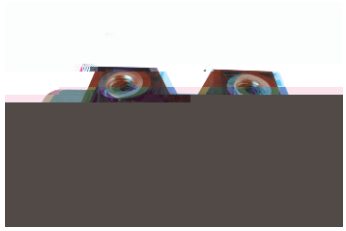

Thermal Characteristics

Symbol	Parameter	Conditions	Values			Unit
			Min.	Typ.	Max.	
$R_{th(j-c)}$	Thermal Resistance	Junction to Case	-	-	0.15	/W

Electrical Characteristics @ T_j=25 (unless otherwise specified)

Symbol	Parameter	Conditions		Values			Unit
				Min.	Typ.	Max.	
V_R	Cathode Anode Breakdown Voltage	I_R= 100uA		400	-	-	V
V_{FM}	Maximum Forward Voltage	I_{FM}= 300A, T_c = 25		-	1.4	1.5	V
		I_{FM}= 300A, T_c =100		-	1.2	1.4	V
I_{RRM}	Repetitive Peak Reverse Current	T_C= 100 , V_{RRM} applied		-	-	8.5	mA
T_{rr}	Reverse Recovery Time	I_{FM}= 200A, V_R = 300V di/dt=-100A/us	T_C = 25	-	70	75	ns
			T_C = 100	-	100	-	ns

Rating and Characteristic

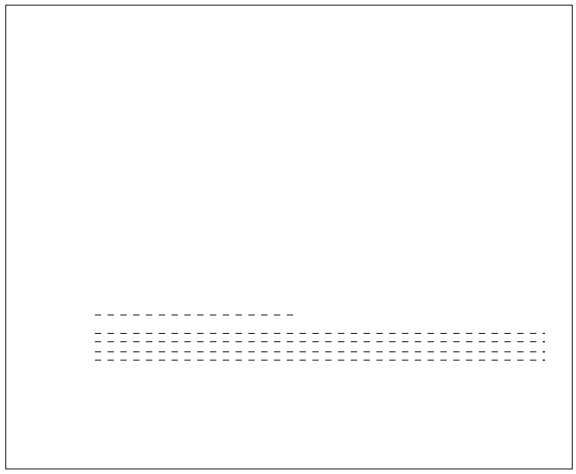

Fig. 2 : Typical Reverse Recovery Time vs. -di/dt