

ELECTRICAL CHARACTERISTICS ($T_{CASE} = 25^{\circ}C$ unless otherwise stated)

Parameter		Test Conditions		Min.	Typ.	Max.	Unit
V_{FM}	Forward Voltage*	$I_F = 15A$	$T_J = 25^{\circ}C$			0.6	V
		$I_F = 15A$	$T_J = 125^{\circ}C$			0.55	
I_{RM}	Reverse Current*	$V_R = 45V$	$T_J = 25^{\circ}C$			2	mA
		$V_R = 45V$	$T_J = 125^{\circ}C$			80	
C_d	Junction Capacitance	$V_R = 5V$	$f = 1MHz$		900		pF

*Pulse test $t_p = 300\mu s$ $\delta \leq 2\%$