

ELECTRICAL CHARACTERISTICS(Rating at 25 ambient temperature unless otherwise specified.)

Parameter		Symbol	Min.	Typ.	Max.	Unit
Forward voltage	$I_F=15A, T_j=25$	V_F	-	2.6	3.2	V
	$I_F=15A, T_j=150$		-	1.5	2	
Reverse current	$V_R=600V, T_j=25$	I_R	-	-	5	μA
	$V_R=600V, T_j=150$		-	-	300	
Reverse recovery time	$I_F=1A, V_R=30V,$ $di/dt=200A/\mu s, T_j=25$	t_{rr}	-	13	18	ns
	$I_F=15A, V_R=400V,$ $di/dt=500A/\mu s, T_j=25$		-	22	-	
	$I_F=15A, V_R=200V,$ $di/dt=200A/\mu s, T_j=25$		-	28	-	
Peak reverse recovery current	$I_F=15A, V_R=200V,$ $di/dt=200A/\mu s, T_j=125$ $I_F=15A, V_R$		-	39	-	

CHARACTERITICS CURVE


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