

• ELECTRICAL CHARACTERISTICS (I_A = 25°C unless otherwise noted)

Characteristic	Figure	Symbol	Min	Typ	Max	Unit
Offset Voltage (V _S = 10 Vdc, R _G = 10 k ohms)	1	V _T	0.2 0.2	0.70 0.35	1.6 0.6	Volts
Gate to Anode Leakage Current (V _S = 40 Vdc, T _A = 25°C, Cathode Open) (V _S = 40 Vdc, T _A = 75°C, Cathode Open)	-	I _{GAO}	- -	1.0 30	5.0 75	nA dc
Gate to Cathode Leakage Current (V _S = 40 Vdc, Anode to Cathode Shorted)	-	I _{GKS}	-	5.0	50	nA dc
Peak Current (V _S = 10 Vdc, R _G = 10 k ohms)	2, 9, 14	I _p	-	1.25 4.0	2.0 5.0	μA
Valley Current (V _S = 10 Vdc, R _G = 1.0 MΩ) (V _S = 10 Vdc, R _G = 10 k ohms)	1, 4, 5	I _v	70	18 270	50 -	μA
Forward Voltage (I _f = 50 mA Peak)	1, 6	V _T	-	0.8	1.5	Volts
Peak Output Voltage (V _B = 20 Vdc, C _C = 0.2 μF)	3, 7	V _o	5.0	15	-	Volts
Pulse Voltage Rise Time (V _B = 20 Vdc, C _C = 0.2 μF)	3	t _r	-	40	80	ns

*Indicates JEDEC Registered Data