

ELECTRICAL CHARACTERISTICS (unless otherwise specified)

Symbol	Test Condition	Quadrant	Value		Unit
I _{GT}	V _D =12V R _L =33	- -	MAX.	10	mA
				25	
V _{GT}		ALL	MAX.	1	V
V _{GD}	V _D =V _{DRM} T _j =125 R _L =3.3k	ALL	MIN.	0.2	V
I _L	I _G =1.2I _{GT}	- -	MAX.	25	mA
				35	
I _H	I _T =500mA		MAX.	25	mA
dV/dt	V _D =540V Gate Open T _j =125		MIN.	100	V s
(dV/dt) _c	(dI/dt) _c =7.2A/ms, T _j =110		MIN.	5	9 V
t _{on}	I _G =40mA I _A =200mA I _R =20mA T _j =25		TYP.	3	s
t _{off}				50	

r45T2.2

FIG.1: Maximum power dissipation versus RMS on-state current

FIG.2: RMS on-state current versus case temperature

ORDERING INFORMATION

Order code	Voltage V_{DRM}
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Information furnished in this document is believed to be accurate and reliable. However,