/ Descriptions

TO-220 N

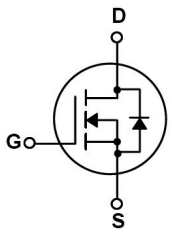
N-CHANNEL MOSFET in a TO-220 Plastic Package.

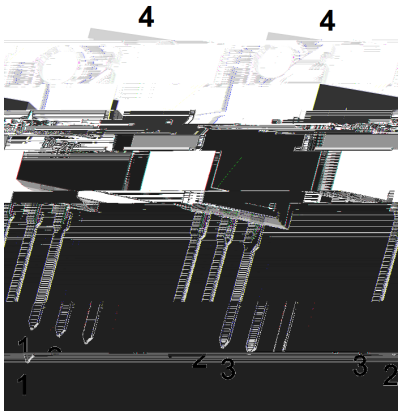
/ Features

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Ultra Low On-Resistance,fast switching.

Power switching application,Load switching,Uninterruptible power supply





PIN1 G PIN 2 4 D PIN 3 S

/ Marking

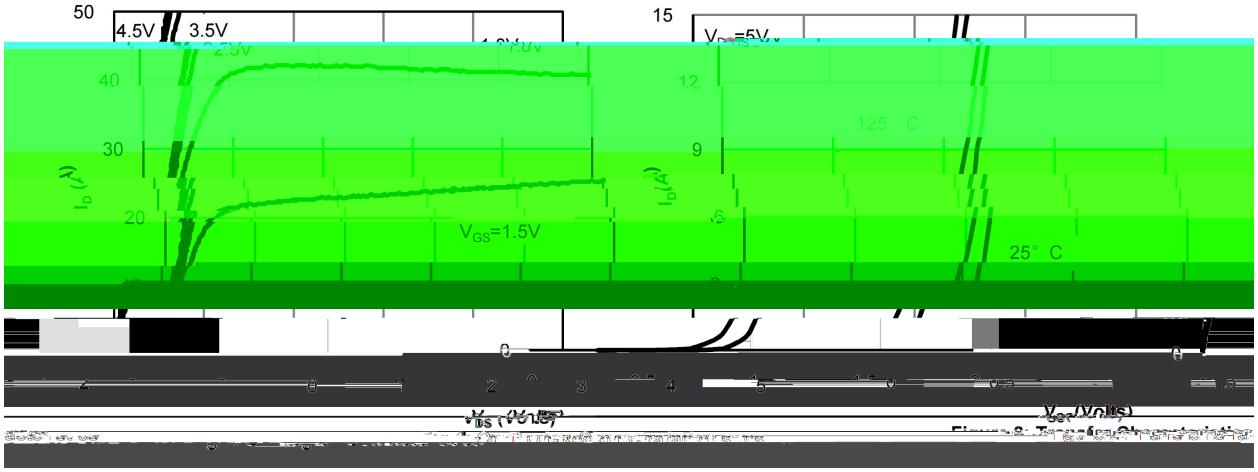
See Marking Instructions.

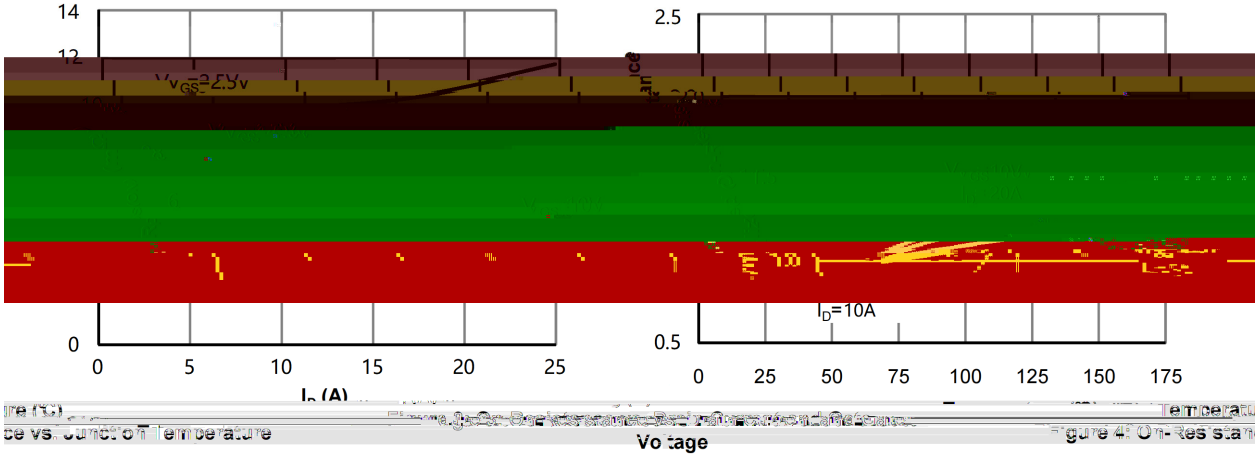
Parameter	Symbol	Rating

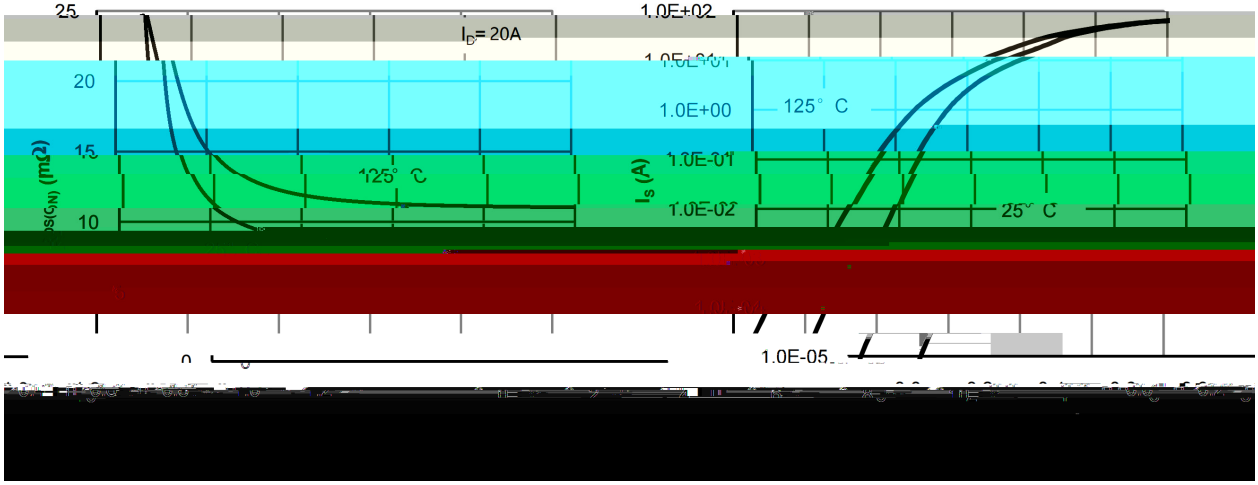
/ Electrical Characteristics(Ta=25)

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Turn-On Delay Time	$t_{d(on)}$	V_{GS}=4.5V V_{DS}=10V R_L=1.25Ω R_{GEN}=3Ω		2.9		ns
Turn-On Rise Time	t_r			3.1		
Turn-Off Delay Time	$t_{d(off)}$			42		
Turn-Off Fall Time	t_f			10		

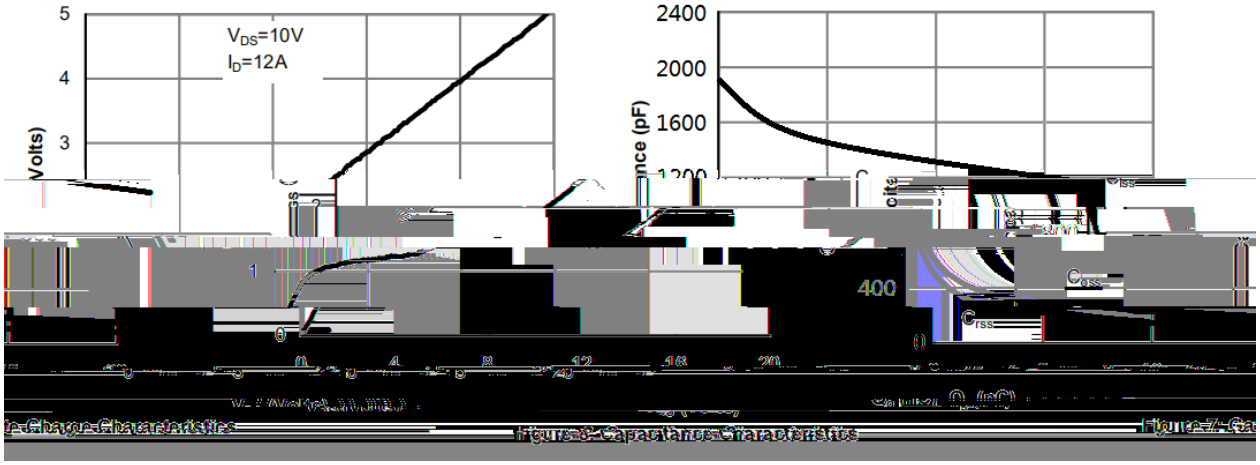
/ Electrical Characteristic Curve

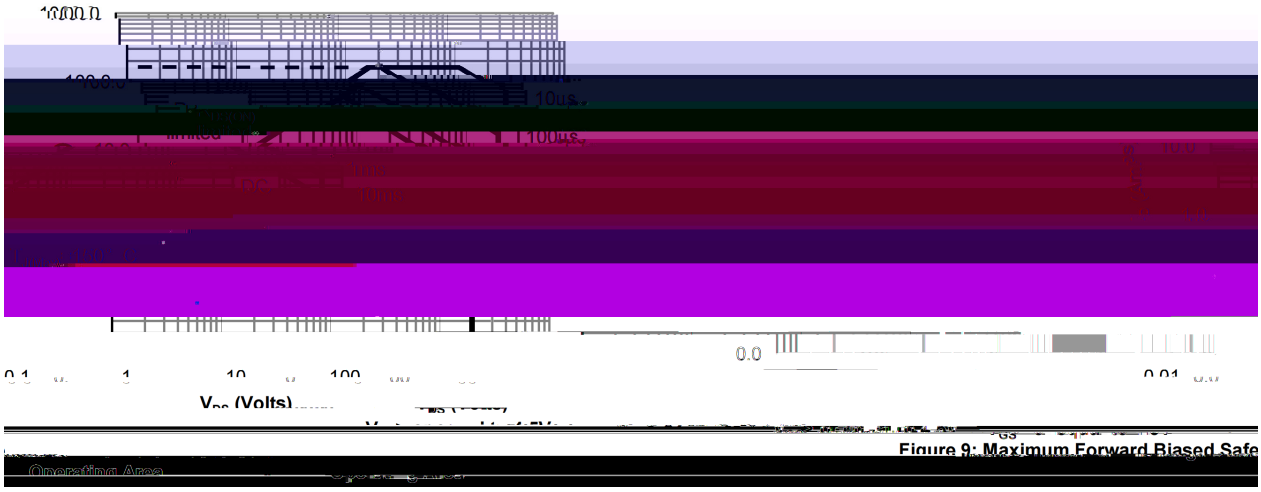


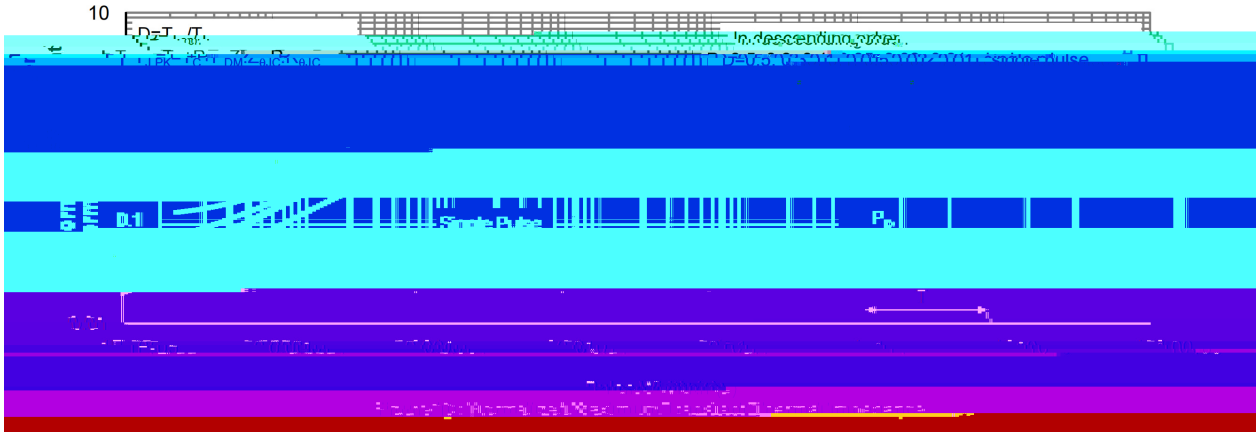




/ Electrical Characteristic Curve







/ Package Dimensions

