TO-220F N

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

V_{DS}=100V I_D=68A

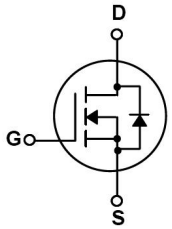
$R_{DS(ON)}$@10V 8mR(Typ.6.2mR)

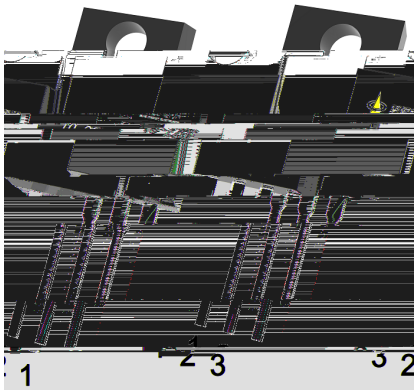
$R_{DS(ON)}$@4.5V 12mR(Typ.8.2mR)

HF Product.

PFC

These devices are well suited for high efficient switched mode power supplies Active power factor correction, electronic lamp ballast based on half bridge topology.

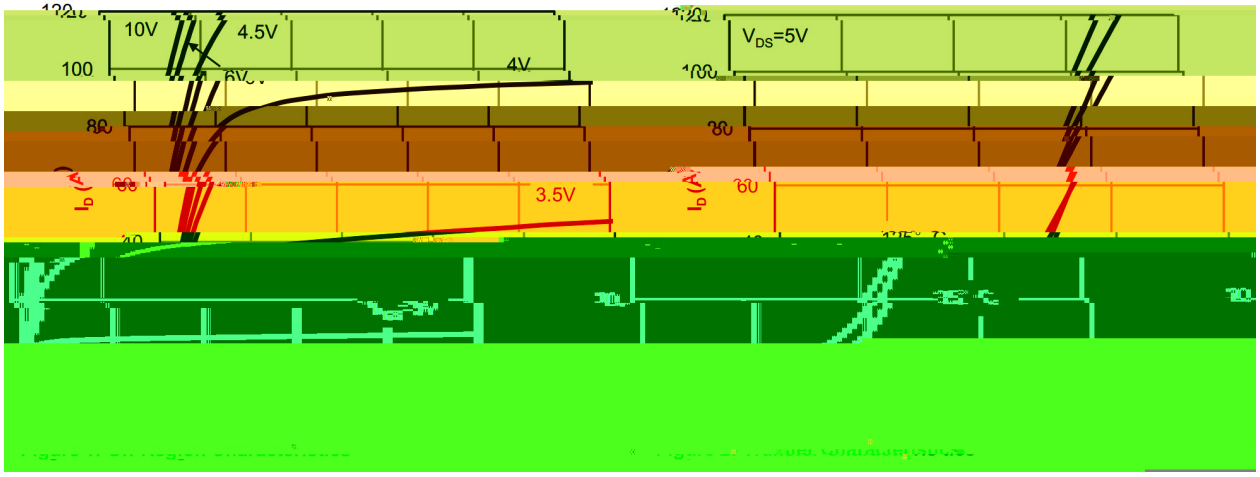




PIN1 G PIN 2 D PIN 3 S

Rev.A Jun.-2024

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit





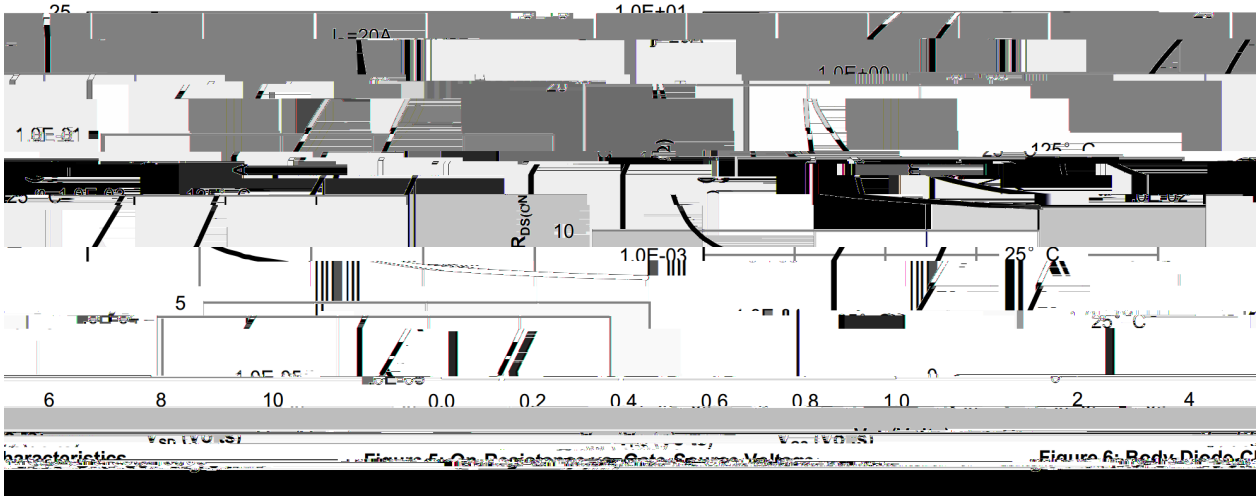
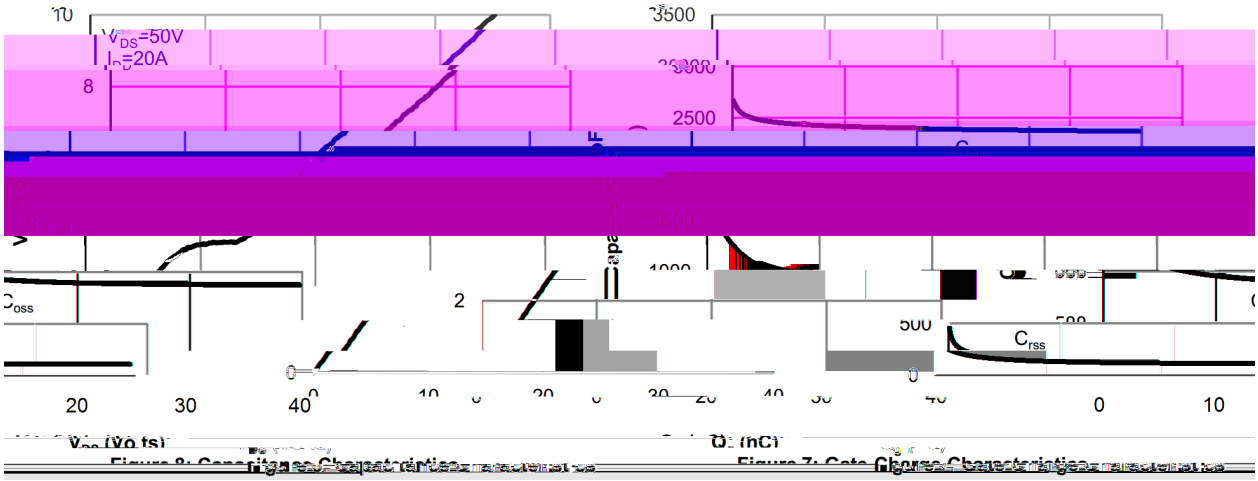
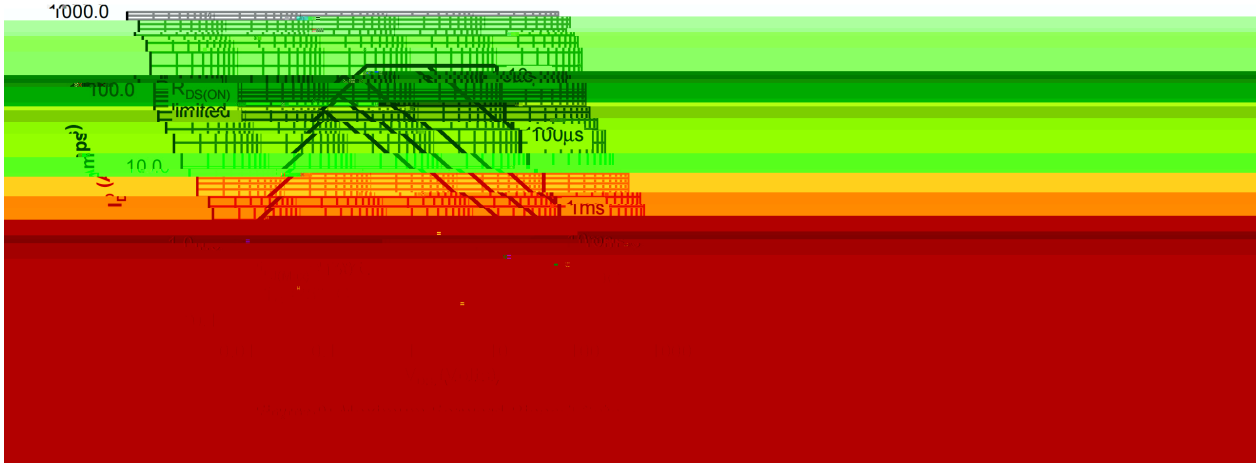
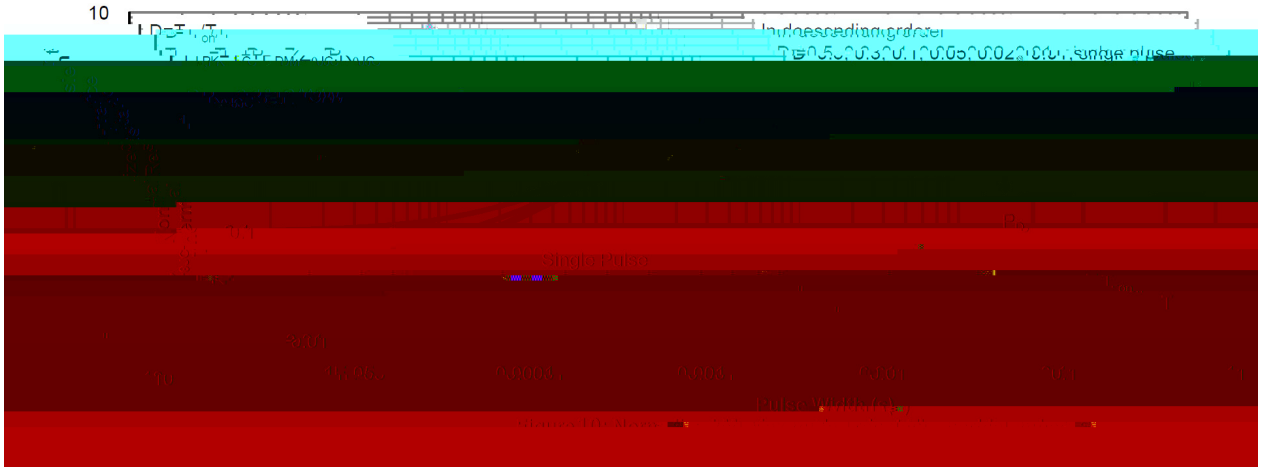
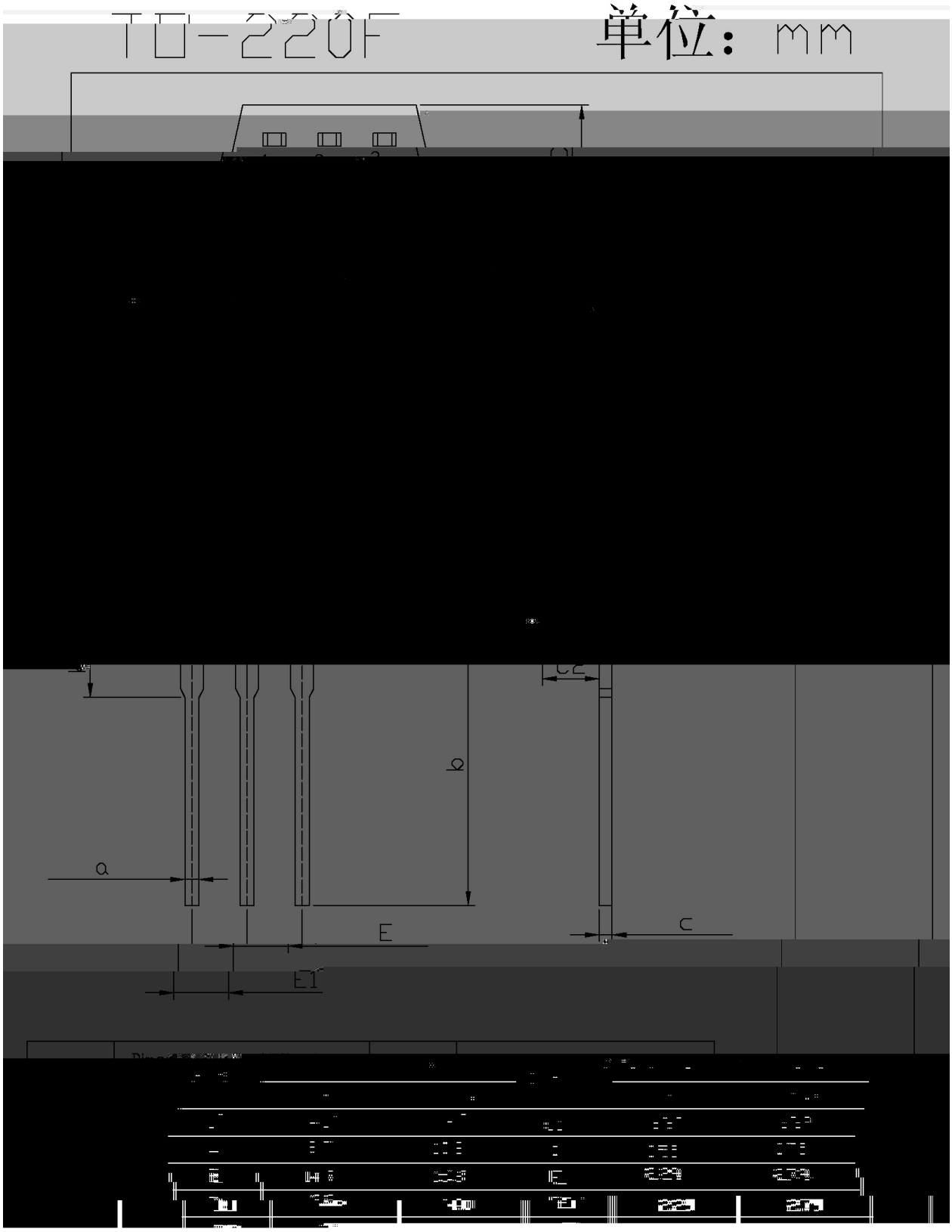


Figure 5 On-Resistance vs. Gate-Source Voltage Figure 6 Body Diode C


V_{DS}=50V
I_D=20A
8
2500
C_{oss}
C_{rss}
2
500
20
30
40
0
10


100.0
$R_{DS(ON)}$
limited
100μs
10.0
1ms


10
Single Pulse


TO-220F
单位：mm
a
E
E1
c
