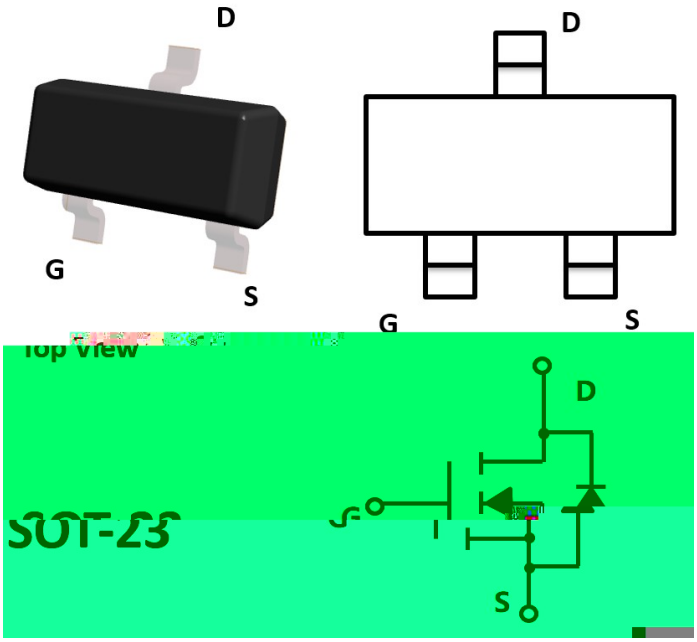


5 2 5
(
1 2 . - @5 &2 5 L GL
1 2 . - @5 &2 5 L GL

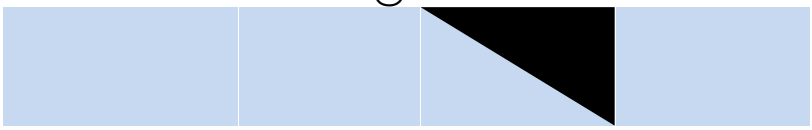
3 D BG/ D +5 , . 2 3 DBG KF
HFG D H DHK D HF E + 1 2 . -
HFG2 DDC HBGHF

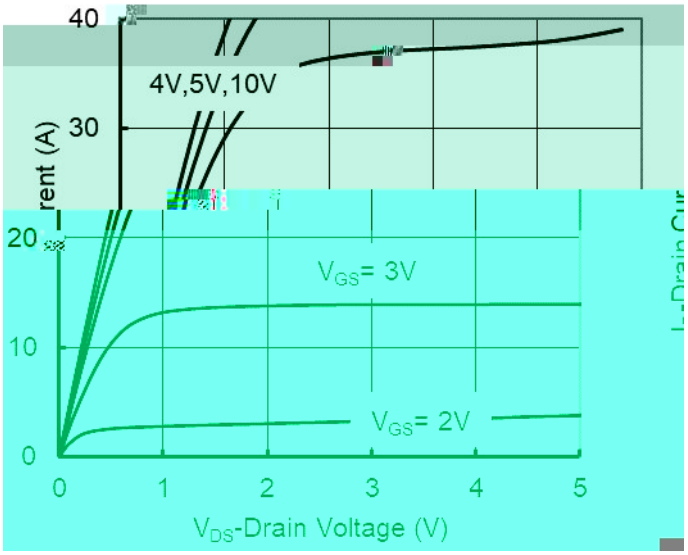
@D DB H
+ @C HBG
/ D L @@FDL D

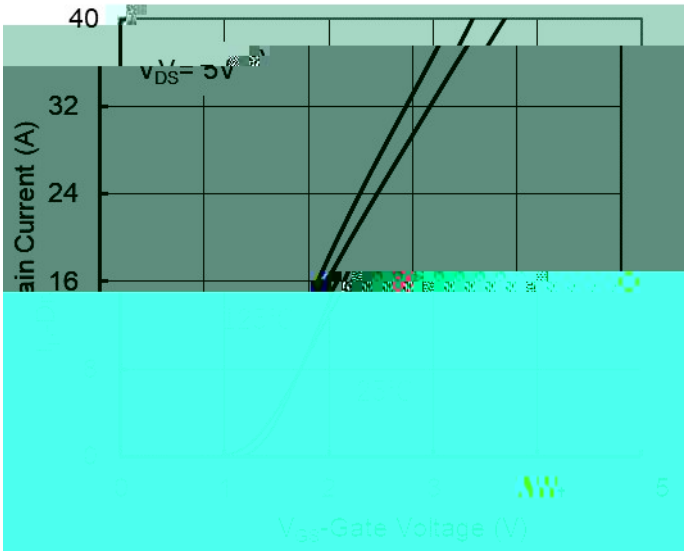
3 HD GD HD DC

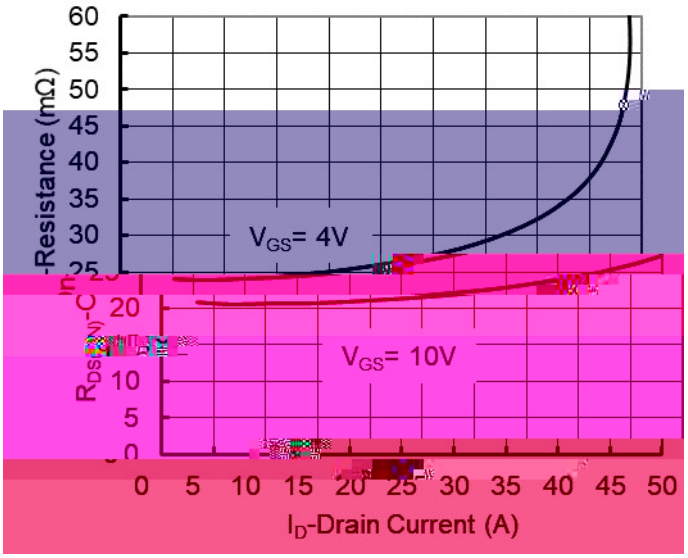
@H BD5 K@FD		5 2		5
&@D BD5 K@FD		5&2		5
@H D	3	(		
	3			
/ KDC @H D		(.		
3 @X/ D H H@H 3 2 D@C 2 @D		/		6
3GD L @K1 D H @BD) BH L AHD		1)		6
) BH @C2 @FD 3DL D@ D1 @FD		3) 3 23&		

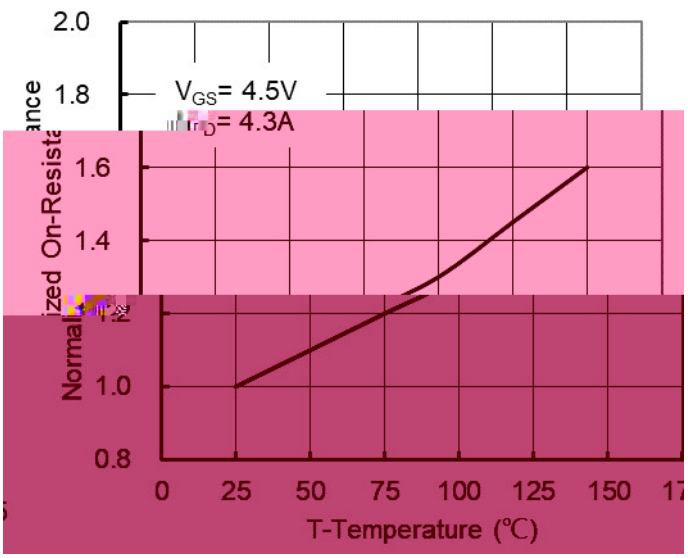
@L HD

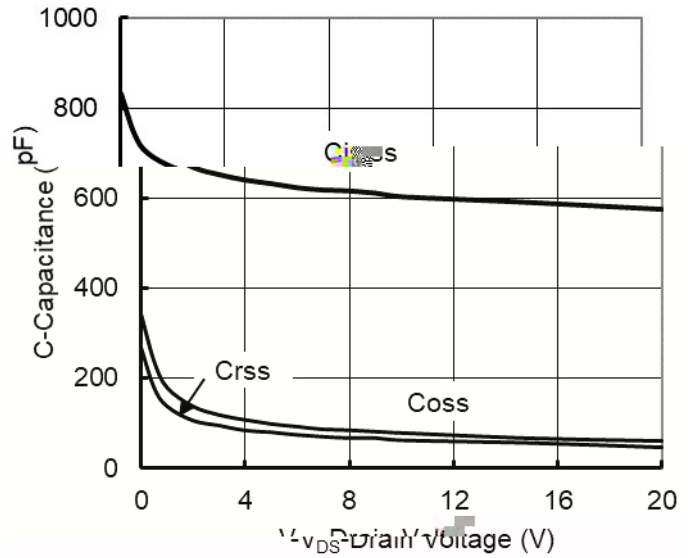


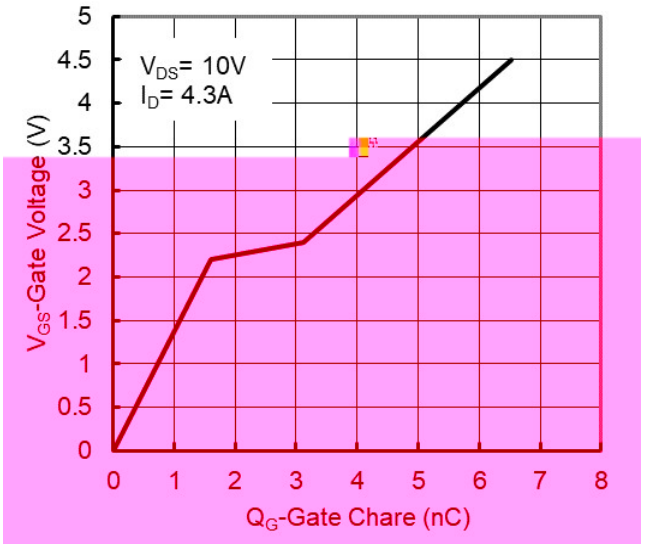

4V,5V,10V
V_{GS}= 3V
V_{GS}= 2V
V_{DS}-Drain Voltage (V)

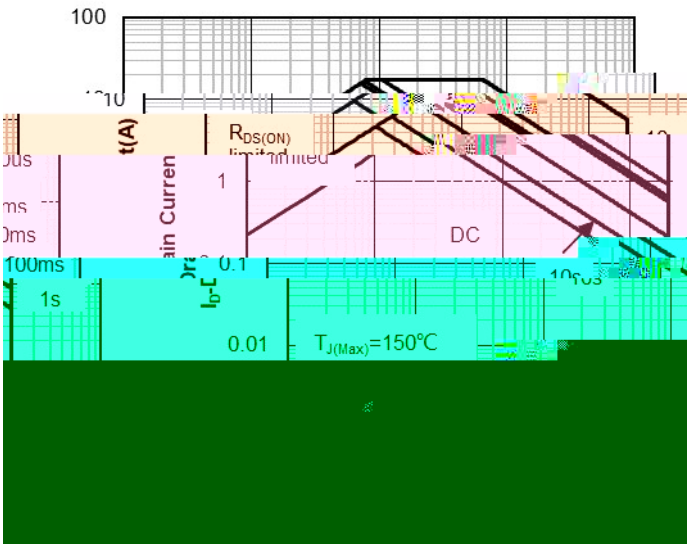

V_{DS}= 5V
Current (A)

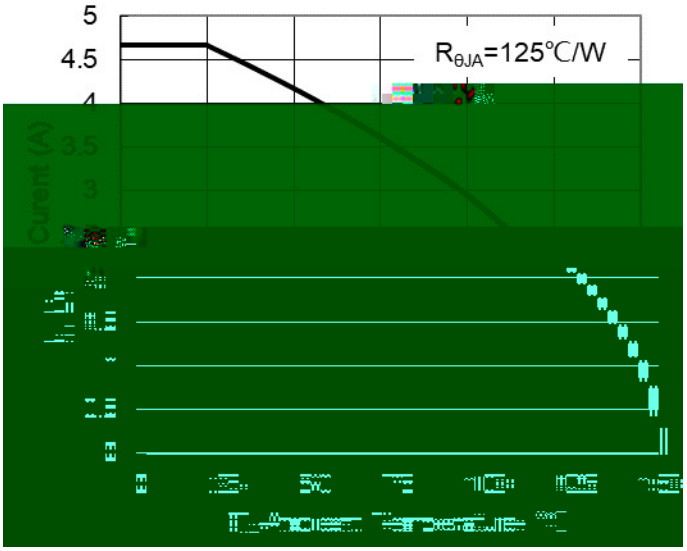

V_{GS}= 4V
V_{GS}= 10V
I_D-Drain Current (A)

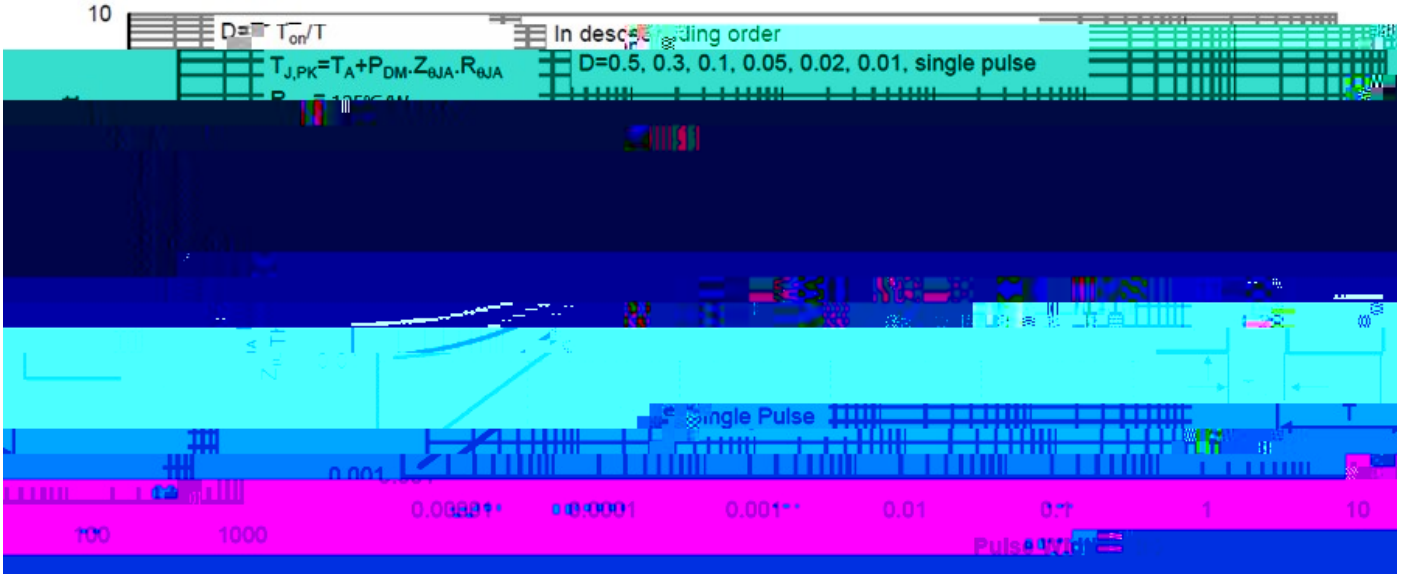

V_{GS}= 4.5V
I_D= 4.3A
T-Temperature (℃)

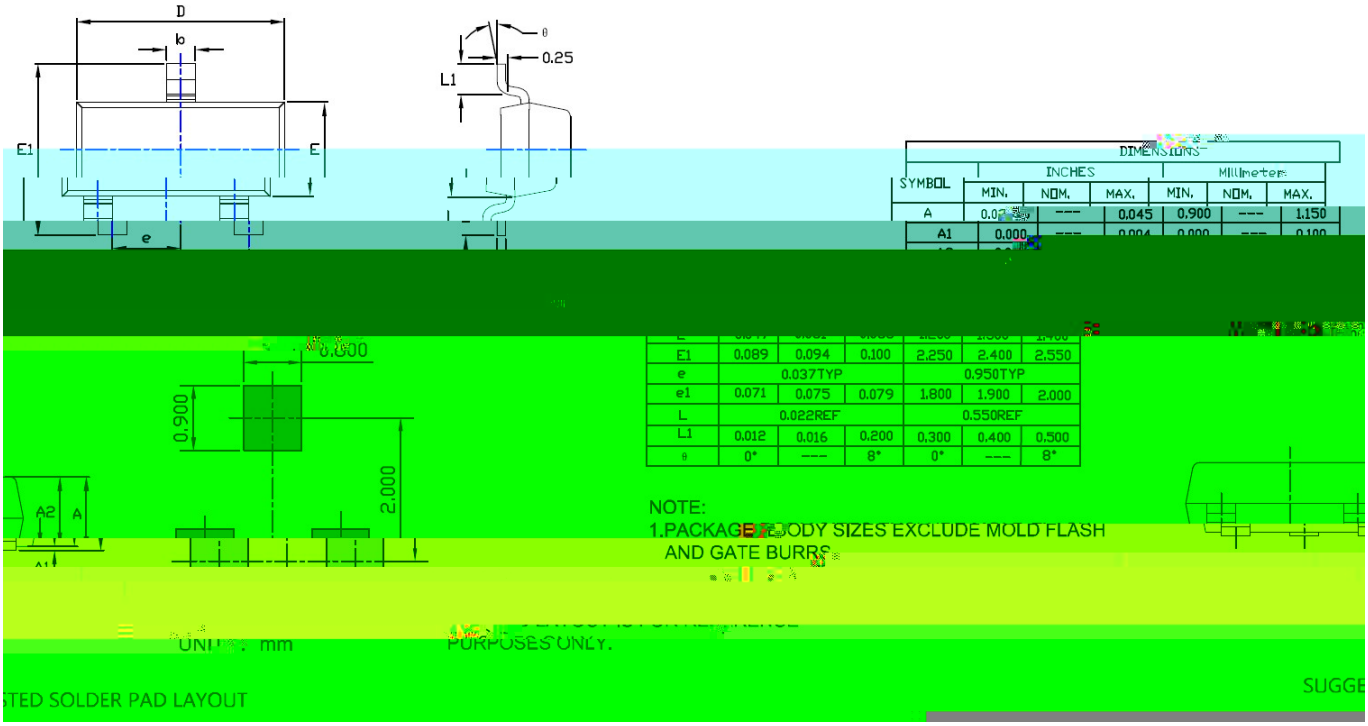

C-Capacitance (pF)
Crss
Coss


V_{DS}= 10V
I_D= 4.3A
V_{GS}-Gate Voltage (V)
Q_G-Gate Chare (nC)


100
$R_{DS(ON)}$
DC
1s
0.01
$T_{J(Max)}$=150°C


5
4.5
$R_{\theta JA}$=125°C/W


10
$T_{J,PK}=T_A+P_{DM}.Z_{\theta JA}.R_{\theta JA}$
D=0.5, 0.3, 0.1, 0.05, 0.02, 0.01, single pulse
Single Pulse
0.001
0.01
1
10
100
1000



DIMENSIONS						
SYMBOL	INCHES			Millimeter		
	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.
A	0.039	---	0.045	0.900	---	1.150
A1	0.000	---	0.004	0.000	---	0.100
E1	0.089	0.094	0.100	2.250	2.400	2.550
e	0.037TYP			0.950TYP		
e1	0.071	0.075	0.079	1.800	1.900	2.000
L	0.022REF			0.550REF		
L1	0.012	0.016	0.200	0.300	0.400	0.500
θ	0°	---	8°	0°	---	8°

3GD HE L@H D D DC H GH C B L D H E DED D BD K 8@F G 8@FHD KDB HB 3DBG KF +C D D D GD HFG L@JD BG@FD HG HBDE GD DBHEB@H E GD C B CH K@DC GD DH HL D DKG@AHKH E B H CD HF GD HD

3GD C B KH DC GD DH H CD HF DC AD DC HG CH@ DKDB HB D HL D CD HBD @C CD HF DC AD DC HG D HL D CD HBD GBBG D HD GHFGKD DK E DKG@AHKH @C GD L@E B H E HG KC CHDB K D C@FD G L @ KED BG@ L DCHB@KH L D @ @H D HL D @D @BD L @BGHD BKD@ D@B B KD E DKB KD @C GD @BD CD HBD 8@FHD @ D H ADG@E @ L D D HAHKH KG@AHKH E @ C@L @FD D KHF E L BGHL D D E @D

3GH AKB@H D DCD D K@BD @KHE L @H D H K KDC @CCHH @KHE L @H KD@D HH DA HD G @FHDB L B K D@D 8@FHD @D EBBDE E GD @ H @BD