

/ Descriptions

Н-канальный MOSFET в корпусе TO-252

N-Channel MOSFET in a TO-252 Plastic Package.

/ Features

$V_{DS}=200V$ $I_D=18A$ $V_{GS}=\pm 20V$

$R_{DS(on)}@10V \leq 170m\Omega$ (Type.115m Ω)

$R_{DS(on)}@6V \leq 200m\Omega$ (Type.130m Ω)

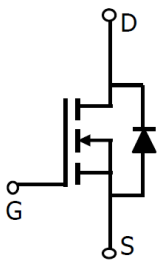
Низкая частота переключения HF Product.

/ Applications

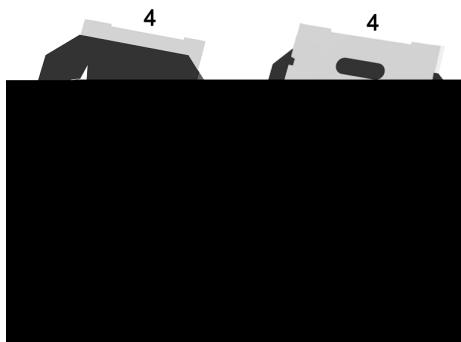
Сетевые переключатели, светодиодные приложения

Networking, Load Switch, LED applications.

/ Equivalent Circuit



/ Pinning



PIN 1 χ G

PIN 2 χ D

PIN 3 χ S

/ Marking

См. инструкции по маркировке

See Marking Instructions.

V_{DS}
Parameter

I_{DS}

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Turn-On Delay Time	$t_{d(on)}$	$V_{GS}=10V$ $V_{DS}=75V$ $R_{GEN}=3F$				

/ Electrical Characteristic Curve

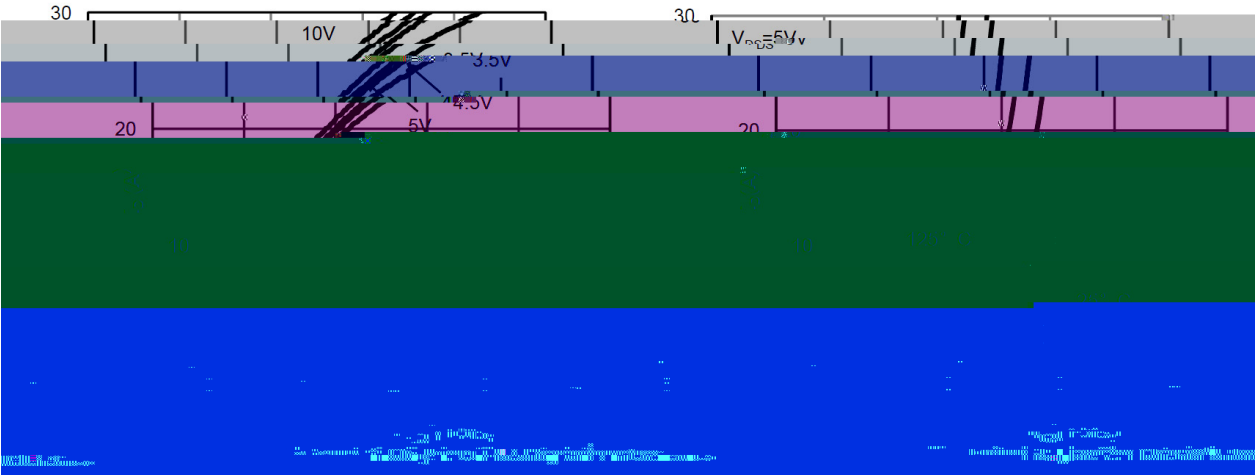
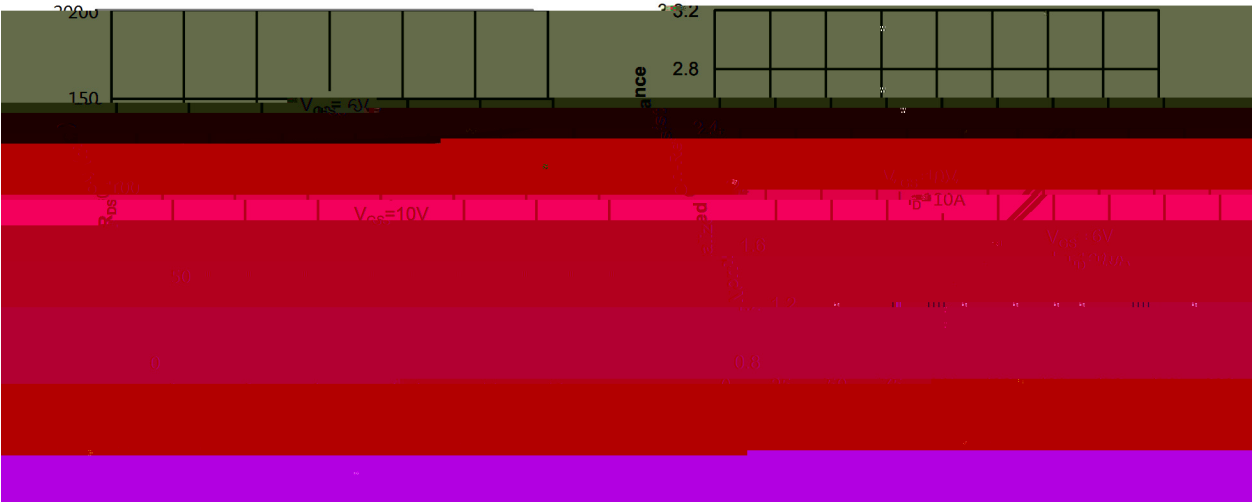
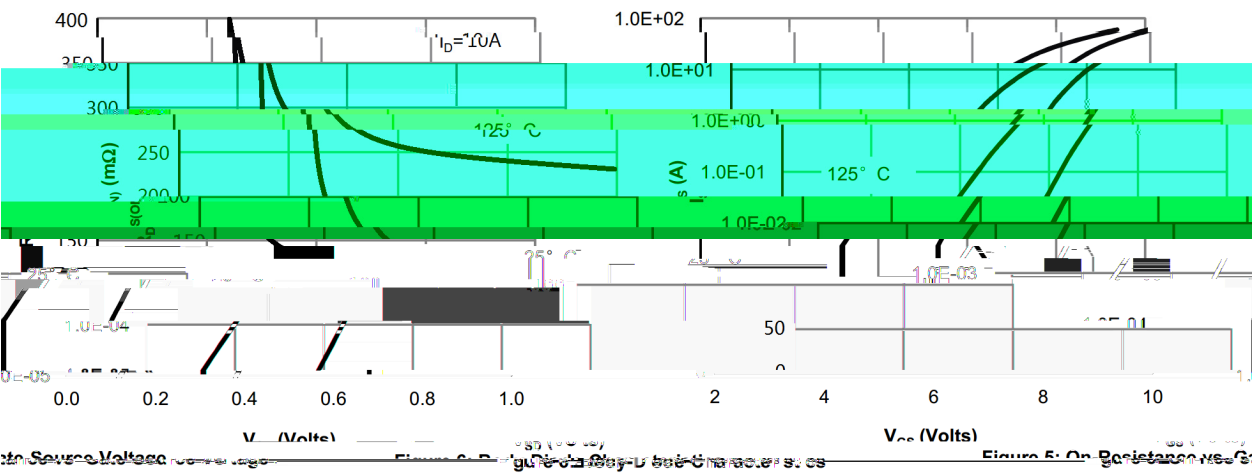
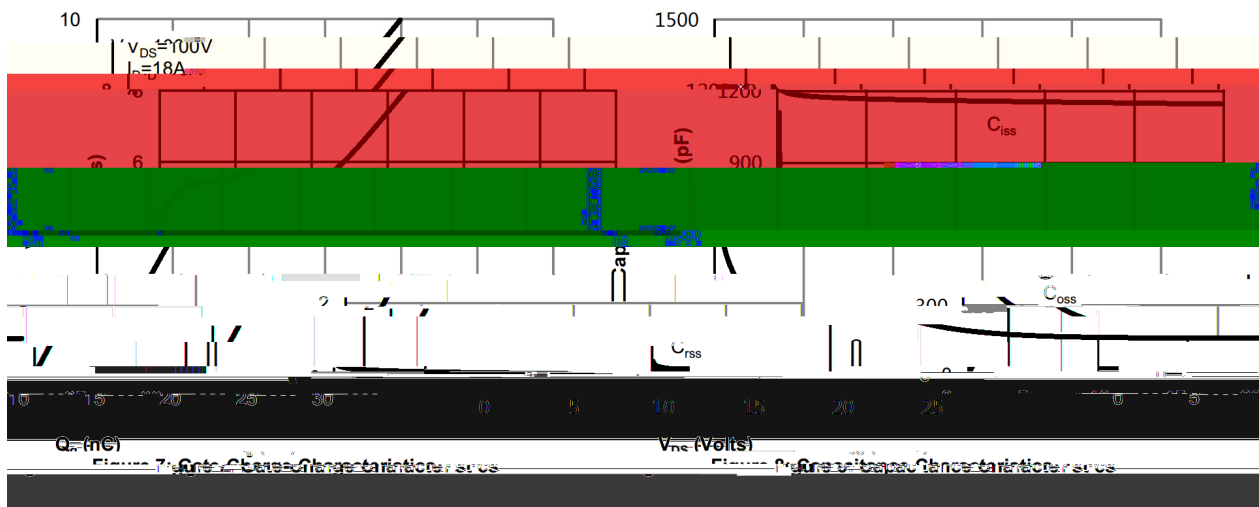
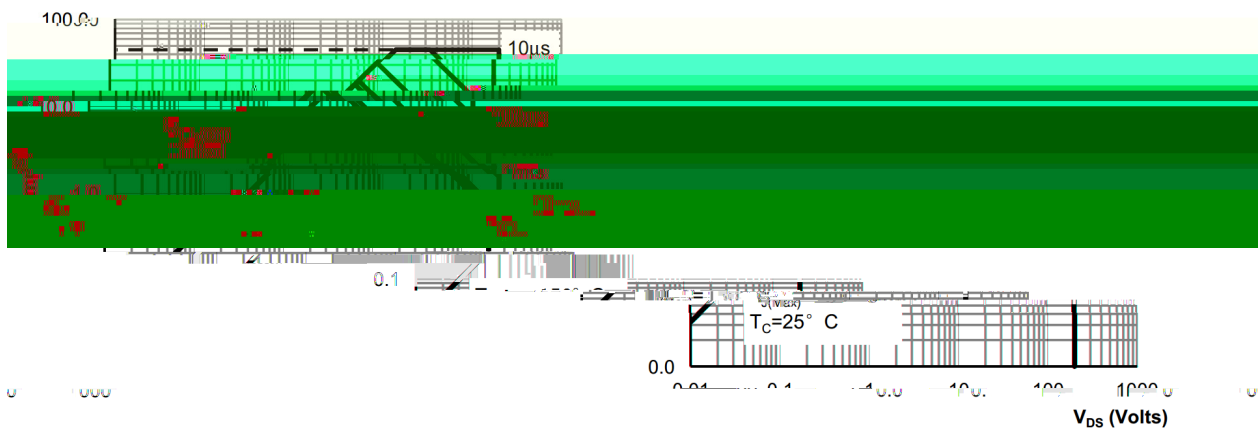
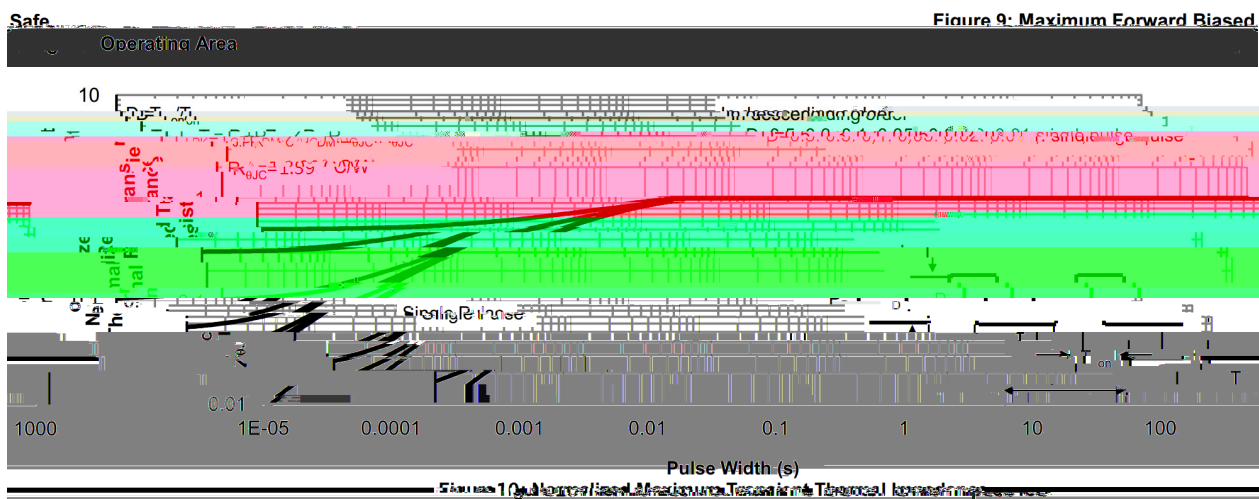
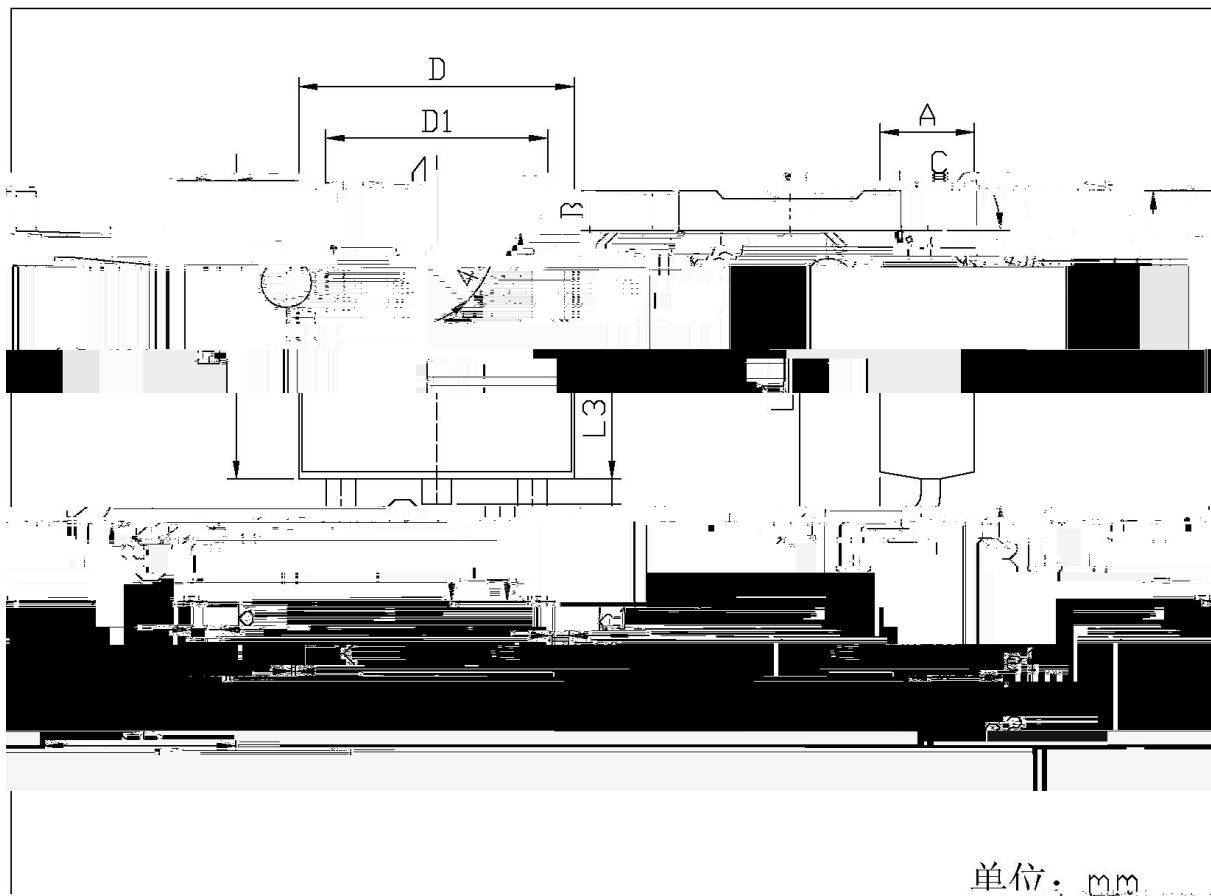


Figure 4: On-Resistance vs. Vgs Figure 5: On-Resistance vs. Id Figure 6: On-Resistance vs. Vds

/ Electrical Characteristic Curve



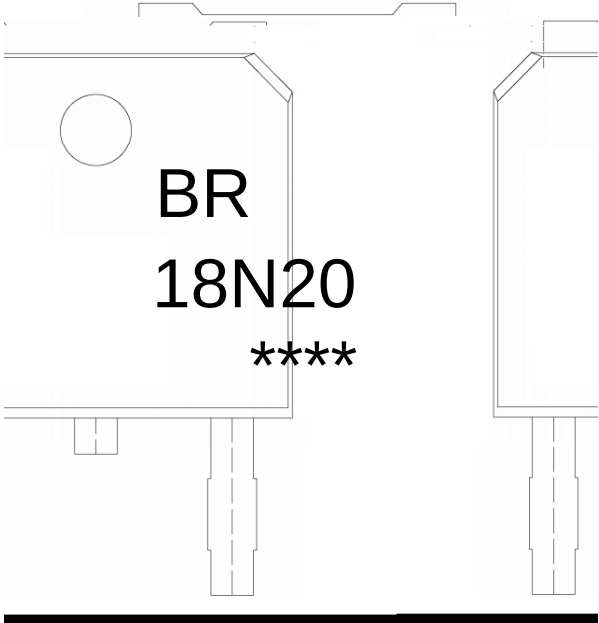
/ Package Dimensions



In Millimeters		In Millimeters	
Min	Max	Min	Max
0.1	2.25	2.32	3.00
0.95	1.25	0.15	0.55
0.30	0.45	0.35	0.50
0.60	0.80	0.80	0.85
5.10	5.50	0.00	0.10

T0-252

/ Marking Instructions



公司代码	公司代码
EU	公司代码
4; Q53	公司代码
----	公司代码 公司代码 公司代码 公司代码
Note:	
BR:	Company Code
18N20:	Product Type Code
****:	Lot No. Code, code change with Lot No.

BRCS18N20DP