/ Descriptions

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

/ Features

DS dv/dt

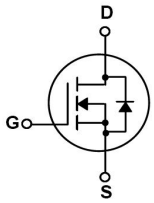
Low $R_{DS(ON)}$, Low gate charge, Low Crss , Fast switching, Improved dv/dt capability.

/ Applications

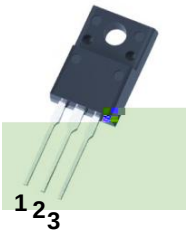
DC/DC

These devices are well suited for high efficiency switching DC/DC converters and switch mode power supplies.

/ Equivalent Circuit



/ Pinning



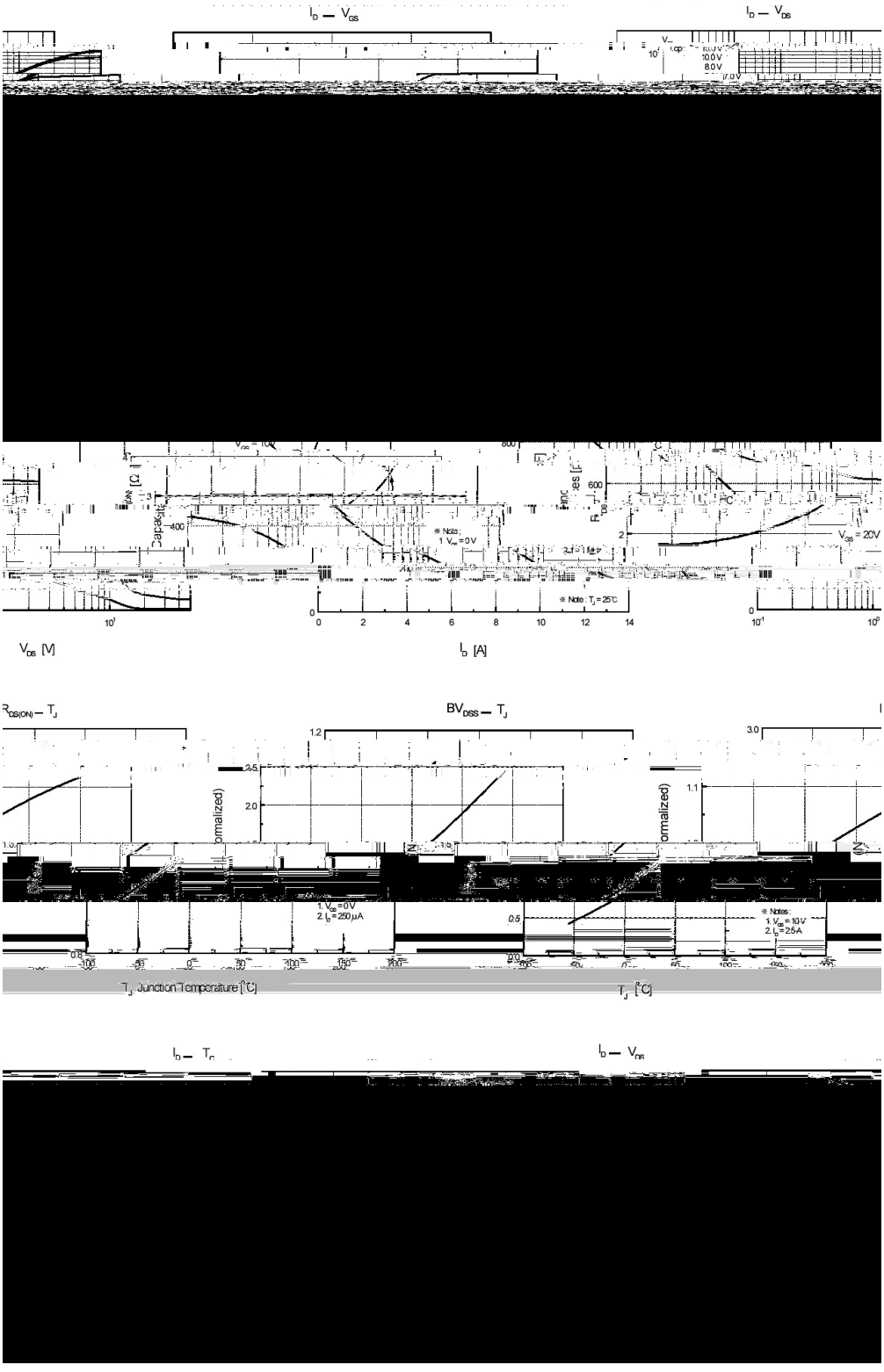
PIN1 G PIN 2 D PIN 3 S

/ h_{FE} Classifications & Marking

See Marking Instructions.

Parameter	Symbol	Rating	Unit
Drain-Source Voltage	V_{DSS}	600	V

/ Electrical Characteristic Curve



/ Package Dimensions



( ) / Temperature Profile for Dip Soldering(Pb-Free)



								Note:	
1		25	150		60	90sec;		1.Preheating:25~150 , Time:60~90sec.	
2		255±5				5±0.5sec;		2.Peak Temp.:255±5 , Duration:5±0.5sec.	
3				2	10	/sec.		3. Cooling Speed: 2~10 /sec.	

/ Resistance to Soldering Heat Test Conditions

270±5	10±1 sec.	Temp.:270±5	Time:10±1 sec

/ Packaging SPEC.

/ BULK

Package Type 封装形式	Units 包装数量				Dimension 包装尺寸 (unit: mm^3)
	Units/Bag 只/袋	Bags/Inner Box 袋/盒	Units/Inner Box 只/盒	In 0	