

/ Descriptions

PDFN3×3-8L N MOS

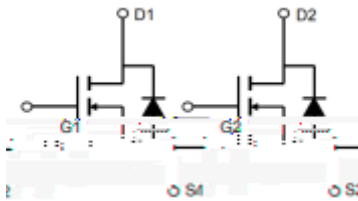
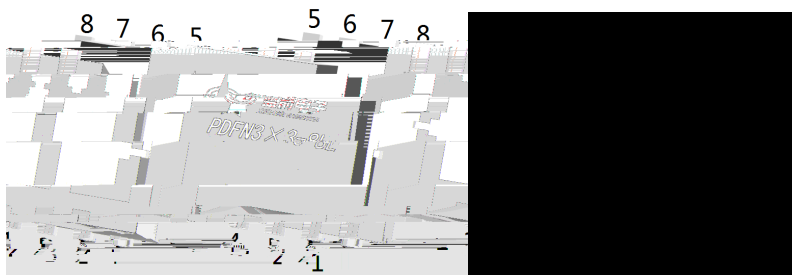
Double N-CHANNEL MOSFET in a PDFN3×3-8L Plastic Package.

/ Features $V_{DS}(V)=30V$ $I_D=40A$ $R_{DS(ON)}@10V<8m\Omega$ (Typ.7.5m Ω) $R_{DS(ON)}@4.5V<15m\Omega$ (Typ.11m Ω)

HF Product.

/ Applications

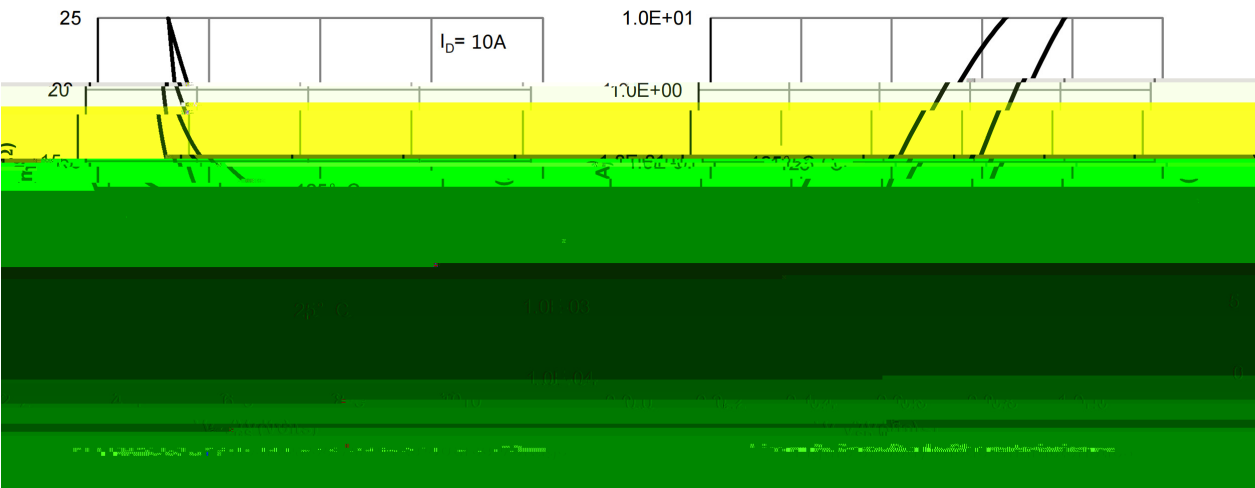
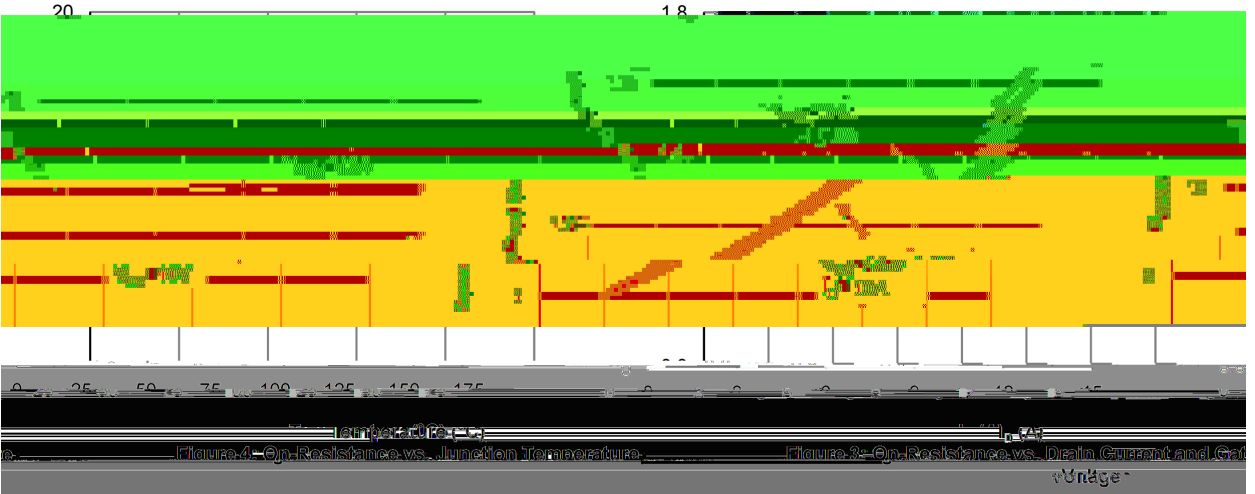
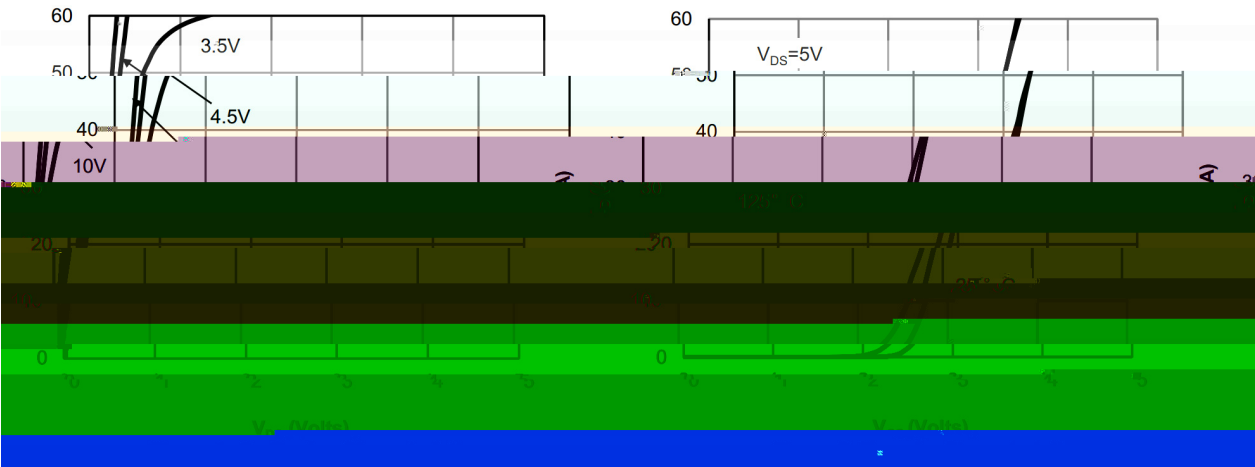
Battery protection switch, Mobile device battery charging and discharging, Load switch.

/ Equivalent Circuit**/ Pinning****/ Marking**

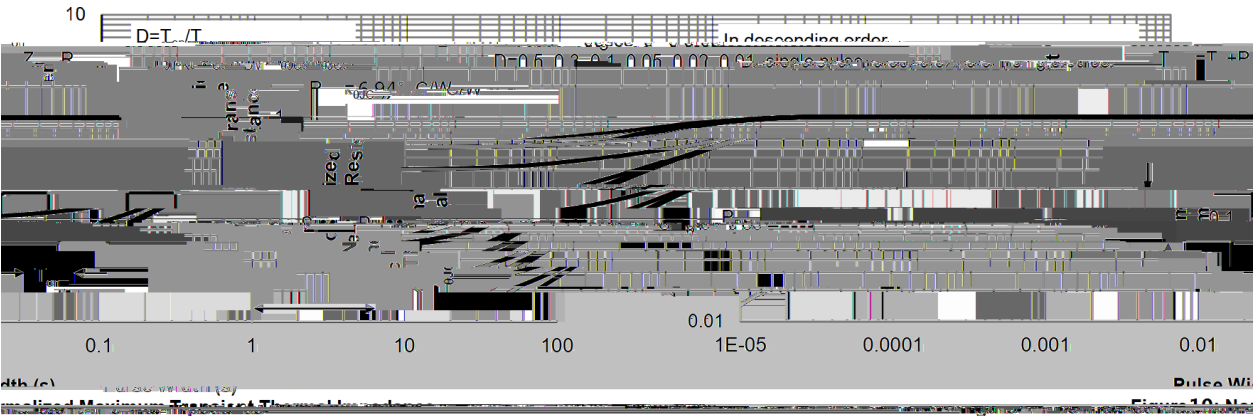
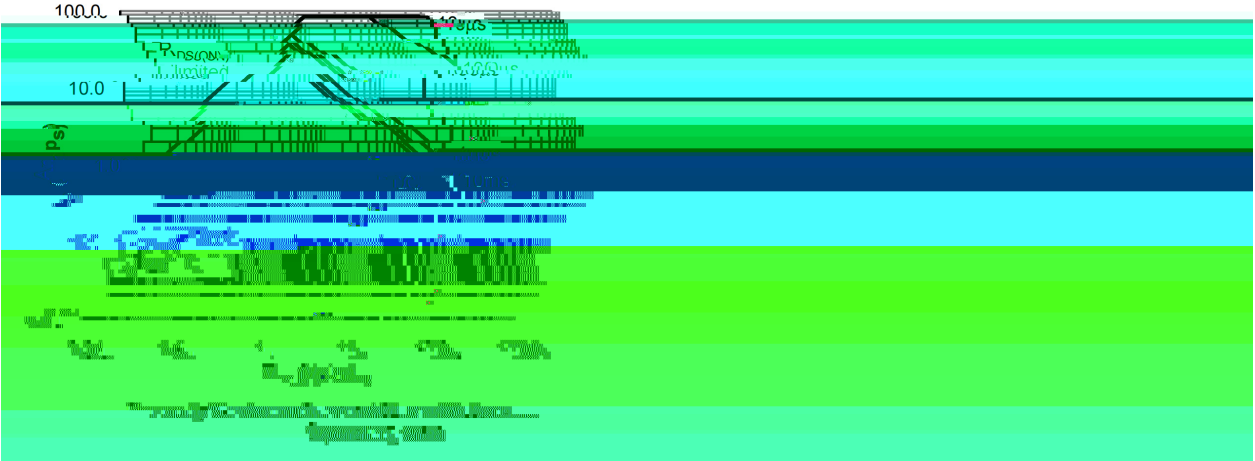
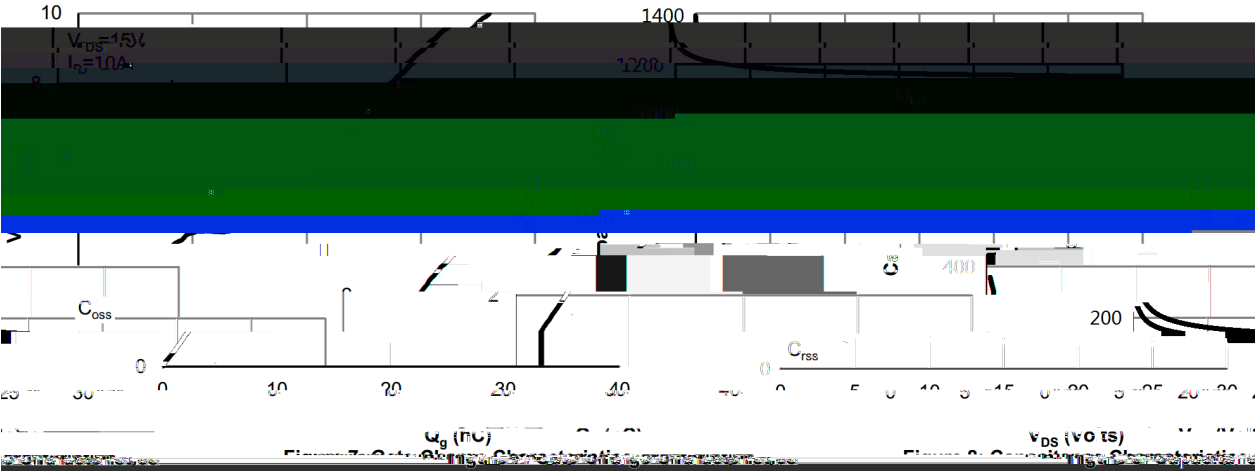
See Marking Instructions.

Parameter	Symbol	Rating
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/ Electrical Characteristic Curve



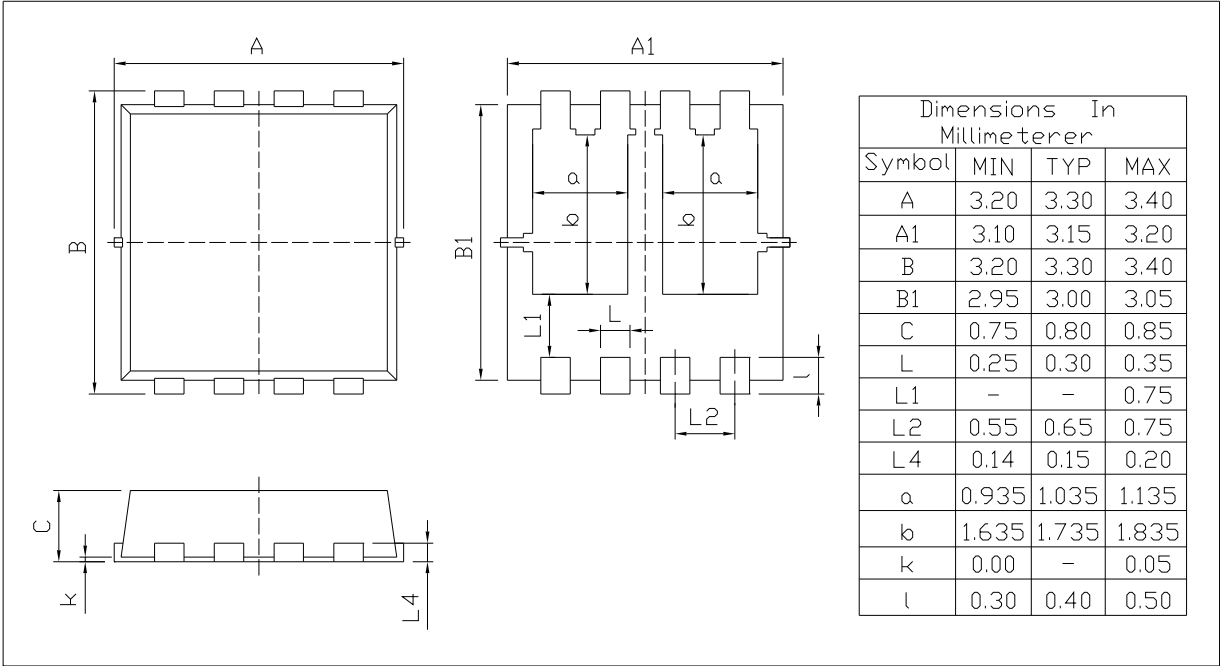
N- / N-CHANNEL Electrical Characteristic Curve



/ Package Dimensions

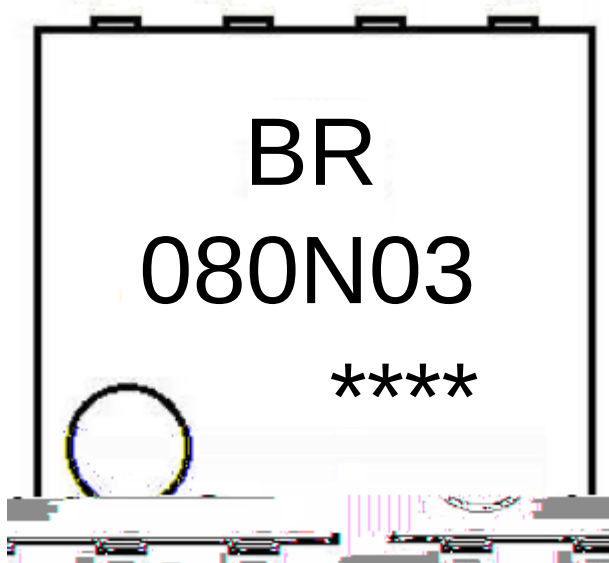
PDFN3X3-8L

Unit:mm



Rev.00 202011

/ Marking Instructions



BR

080N03

Note:

BR: Company Code

080N03: Product Type Code

*****: Lot No. Code, code change with Lot No

() / Temperature Profile for IR Reflow Soldering(Pb-Free)

- Note:

1

150 180

60 90sec;

1.Preheating:150~180 , Time:60~90sec.

2

245±5

5±0.5sec;

2.Peak Temp.:245±5 , Duration:5±0.5sec.

3

2 10 /sec.

3. Cooling Speed: 2~10 /sec.

/ Resistance to Soldering Heat Test Conditions

260±5 10±1 sec. Temp.:260±5 Time:10±1 sec

/ Packaging SPEC.

/ REEL

Package Type	Units					Dimension (unit mm ³)		
	Units/Reel	Reels/Inner Box	Units/Inner Box	Inner Boxes/Outer Box	Units/Outer Box	Reel	Inner Box	Outer Box