

/ Descriptions

PDFN5*6 N
。
N-Channel MOSFET in a PDFN5*6 Plastic Package .

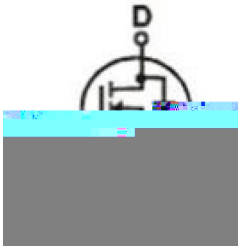
/ Features

Low $R_{DS(ON)}$ to minimize conductive loss ,low Gate Charge for fast switching ,Low Thermal resistance, HF Product.

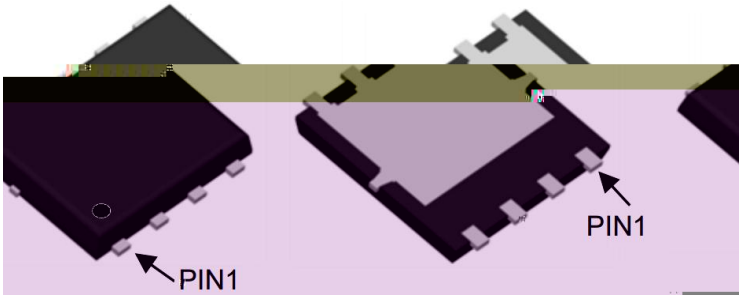
/ Applications

Battery Management

/ Equivalent Circuit



/ Pinning



PIN1、2、3： S PIN4：G PIN5、6、7、8：D

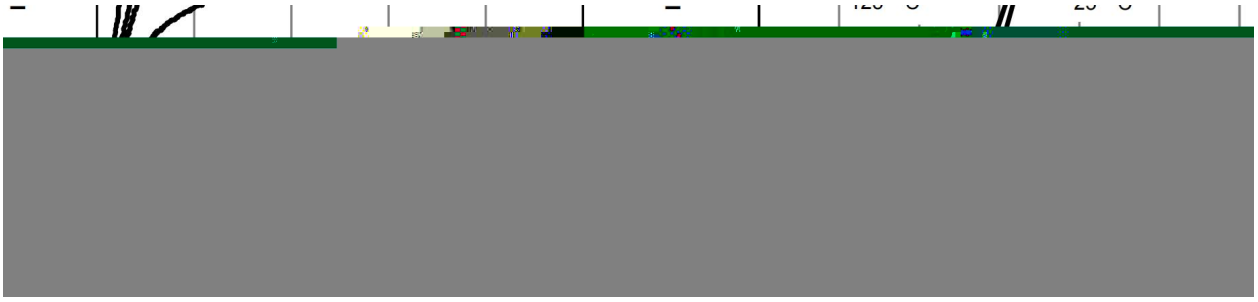
Pin	极性
1	S
2	S
3	S
4	G
5	D
6	D
7	D
8	D

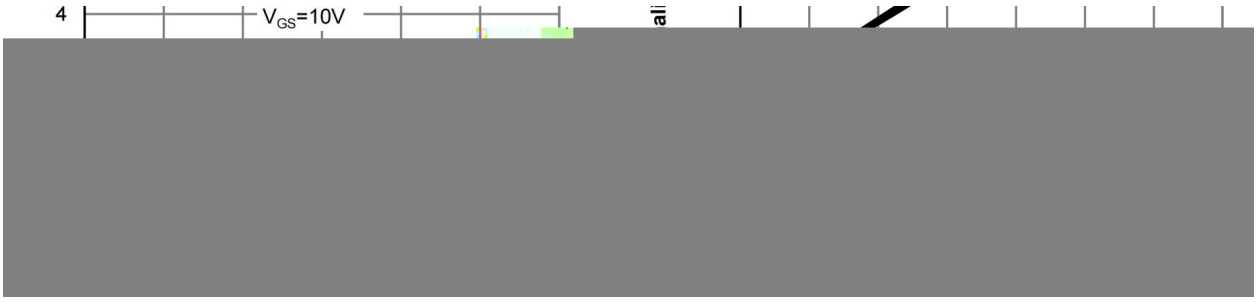
/ h_{FE} Classifications & Marking

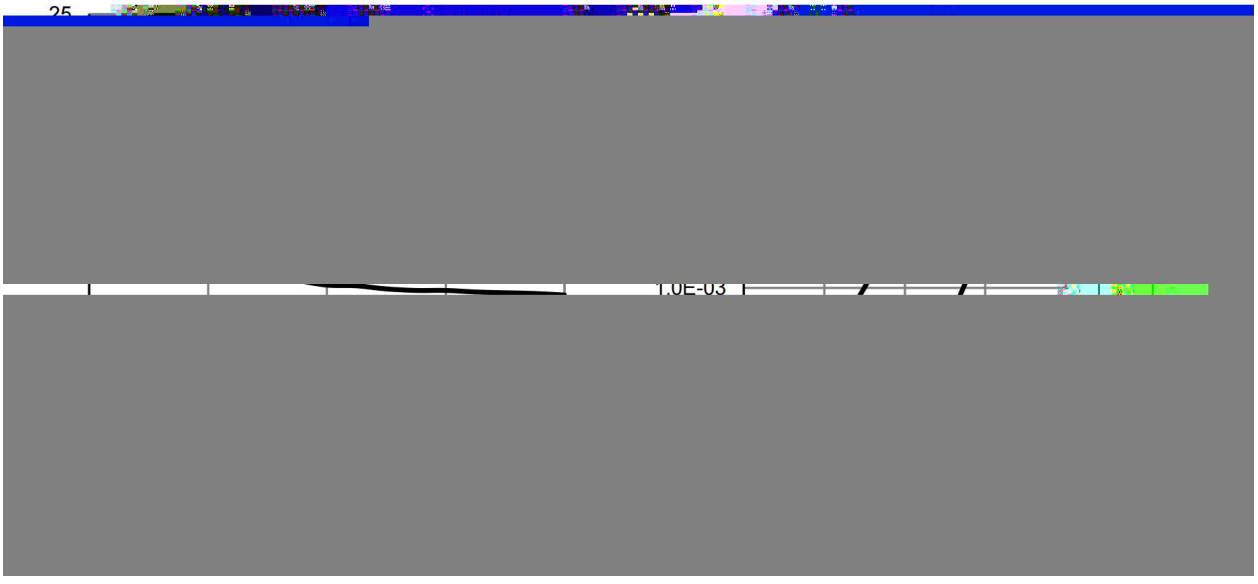
见印章说明。See Marking Instructions.

Parameter	Symbol	Rating	Unit
Drain-Source Voltage	V_{DS}	30	V
Drain Current -			

/ Electrical Characteristic Curve



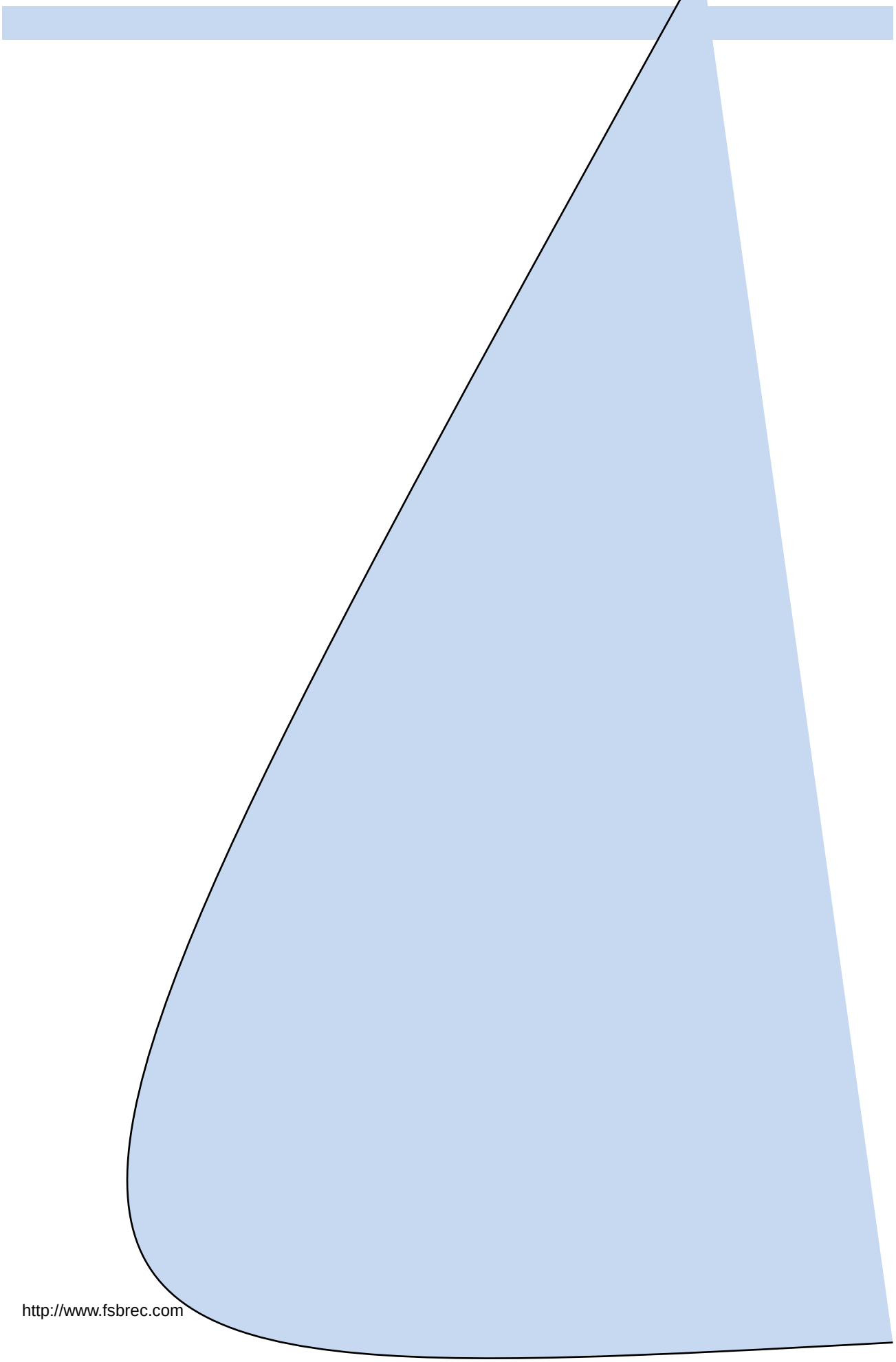




BRCS080N03ZC

Rev.A May.-2021

DATA SHEET



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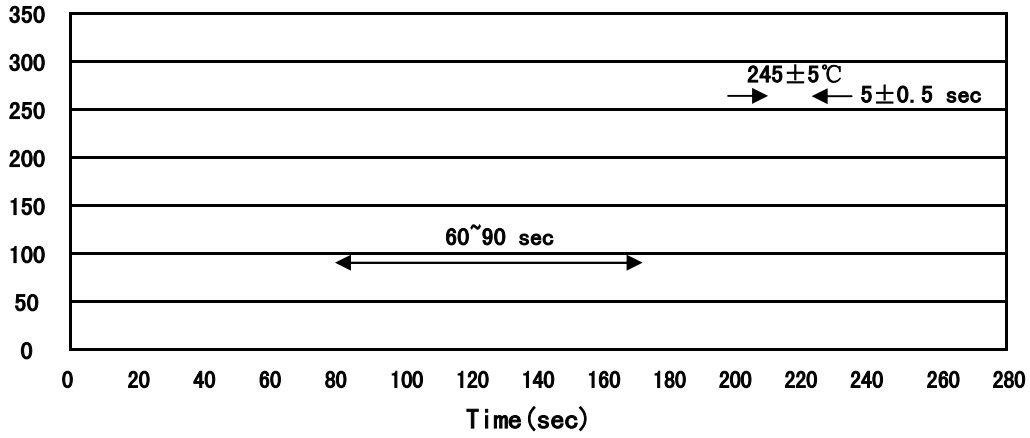
/ Marking Instructions

说明：

BR： 为公司代码

080N03

( ) / 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 封装形式	Units					Dimension		(unit mm³)
	Units/Reel 只/卷盘	Reels/Inner Box 卷盘/盒	Units/Inner Box 只/盒	Inner Boxes/Outer Box 盒/箱	Units/Outer Box 只/箱	Reel	Inner Box 盒	Outer Box 箱
PDFN5*6	5000	2	10000	6	60000	13”×12	360×360×50	380×335×366

/ Notices