

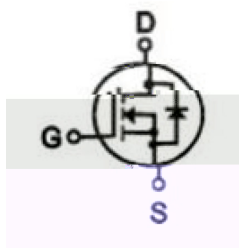
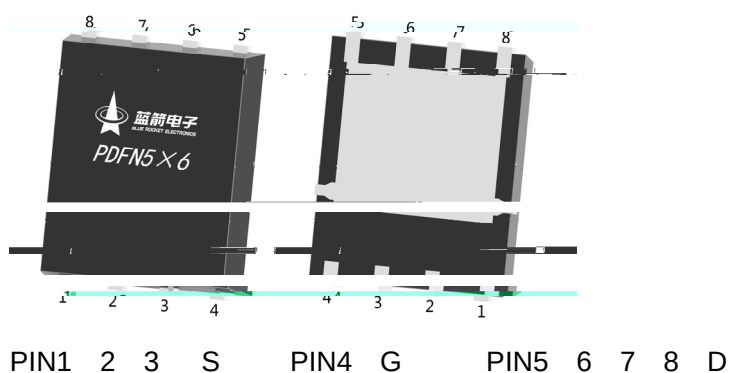
PDFN 5×6 N
 N-Channel MOSFET in a PDFN 5×6 Plastic Package .

AEC-Q101

Low $R_{DS(ON)}$ to minimize conductive loss; low Gate Charge for fast switching; Low Thermal resistance;
 Qualified to AEC-Q101 Standards for High Reliability; HF Product.

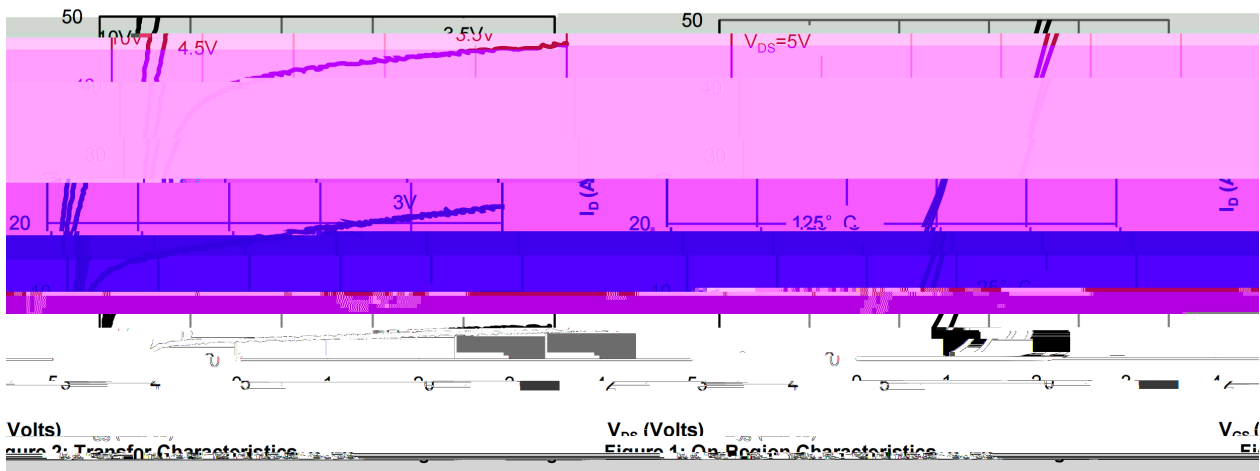
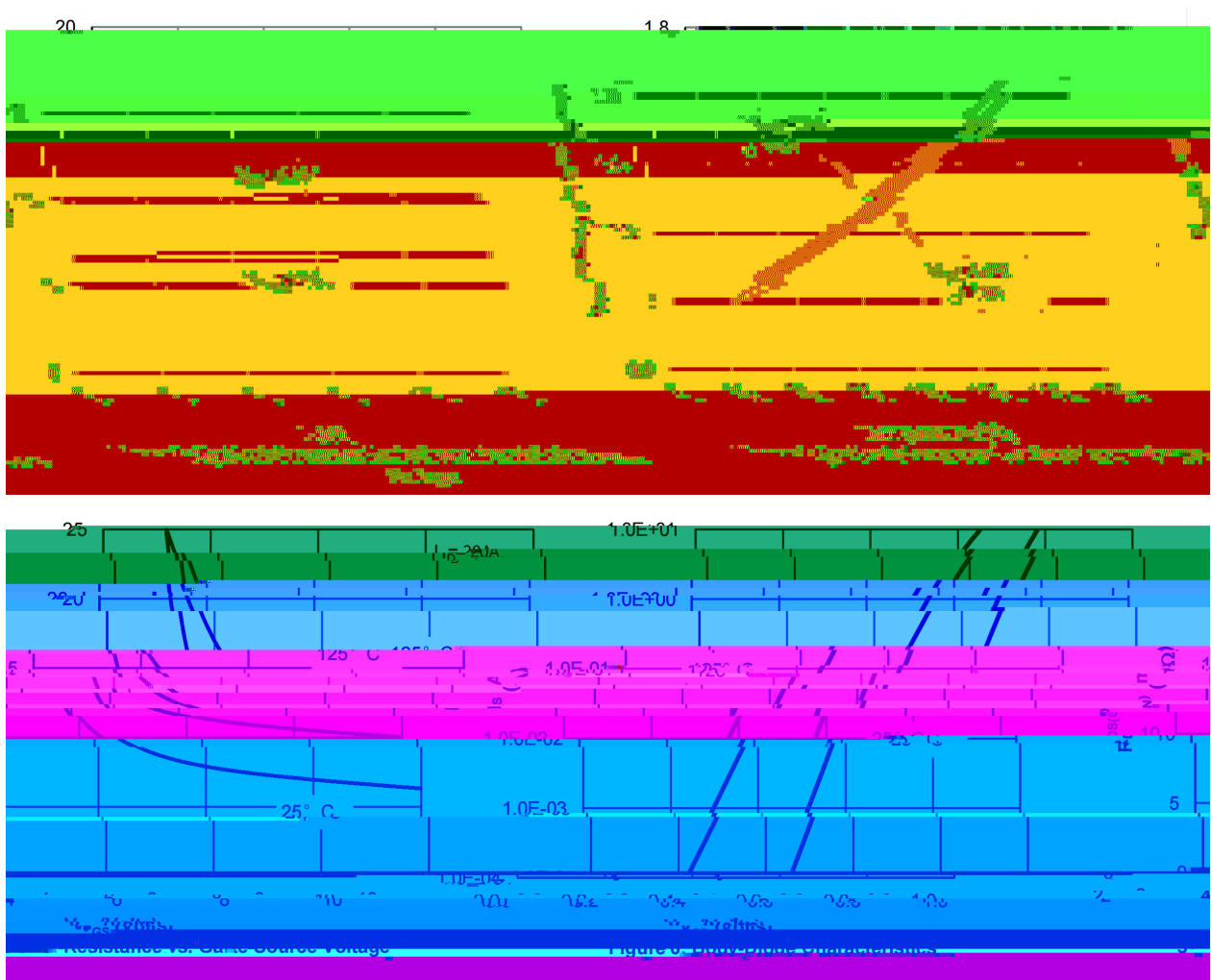
DC

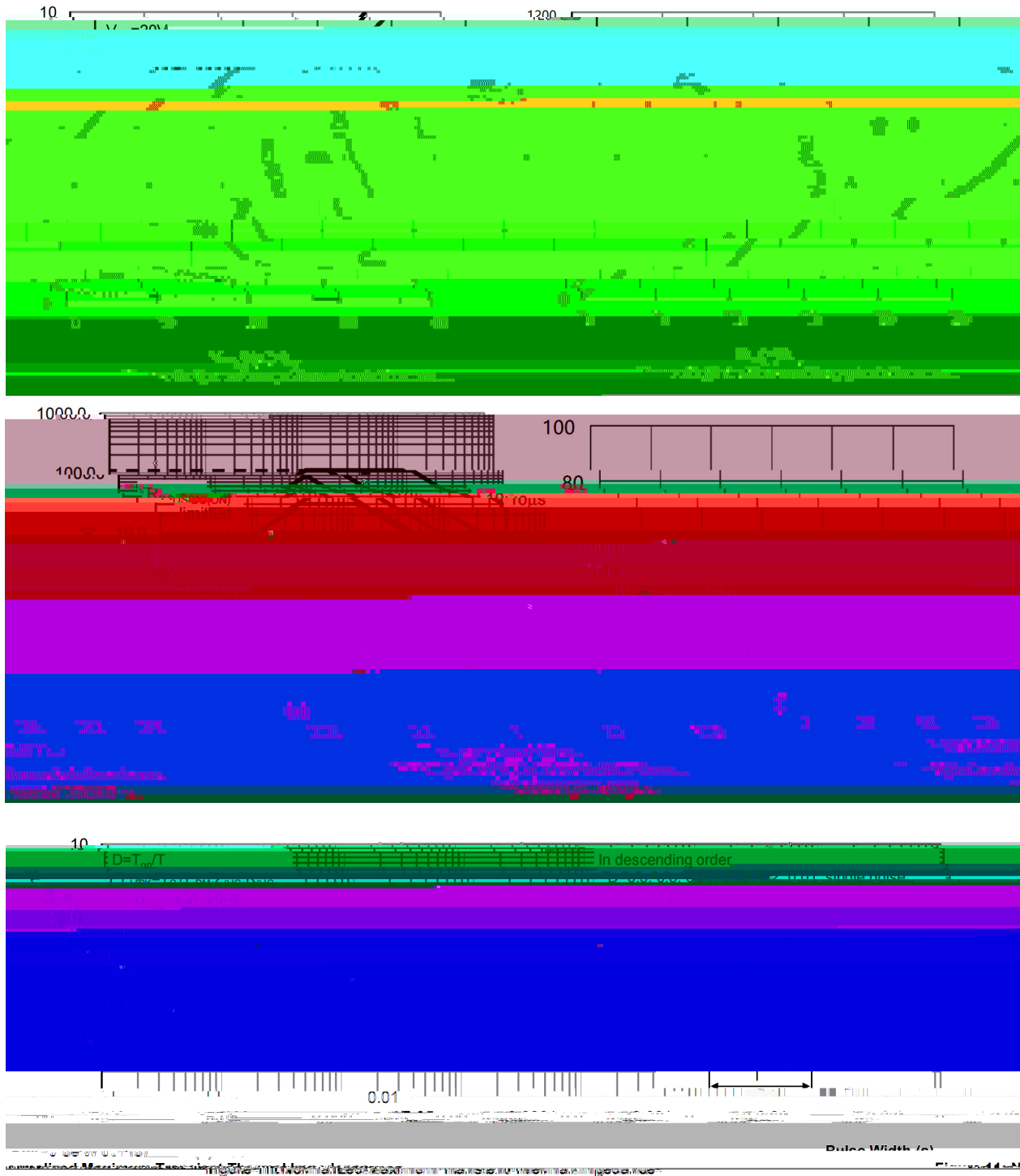
High Frequency Switching and Synchronous Rectification, DC-Motor Driver, Meet the stringent requirements of automotive applications.



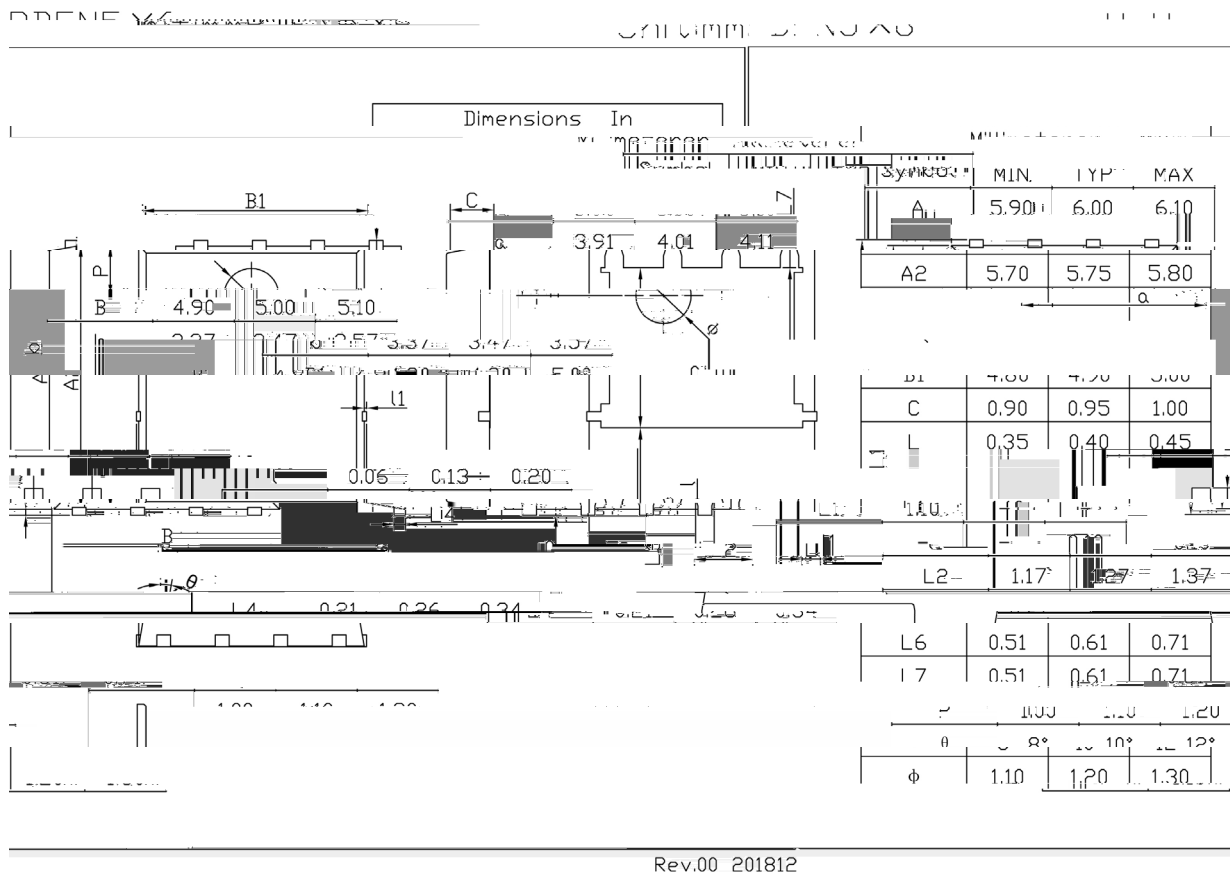
Pin	极性
1	S
2	S
3	S
4	G
5	D
6	D
7	D
8	D

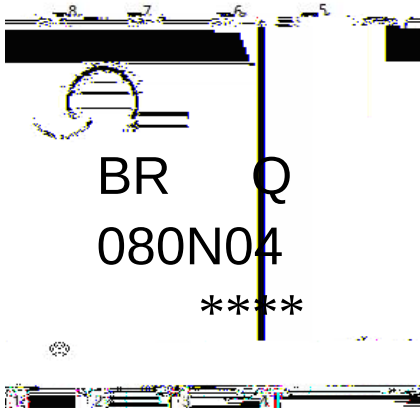
See Marking Instructions.





Rev.A Feb.-2023



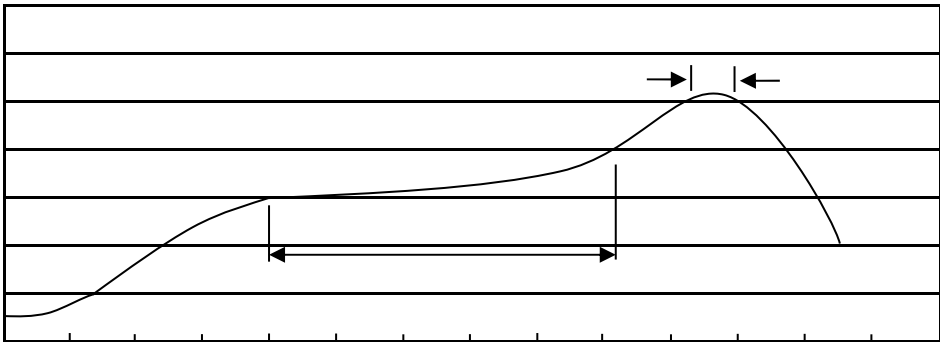


BR
Q
080N04

Note

BR	Company Code
Q:	Automobile halogen-free product Code
080N04	Product Type
****:	Lot No. Code, code change with Lot No

Temperature Profile for IR Reflow Soldering(Pb-Free)



Note:

- 1

150 200

60 120sec;

1.Preheating:150~200 , Time:60~120sec.
- 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.

260±5

10±1 sec.

Temp.:260±5

Time:10±1 sec

/ 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
PDFN5 × 6	5000	2	10000	6	60000	13" × 12	360 × 360 × 50	380 × 335 × 366