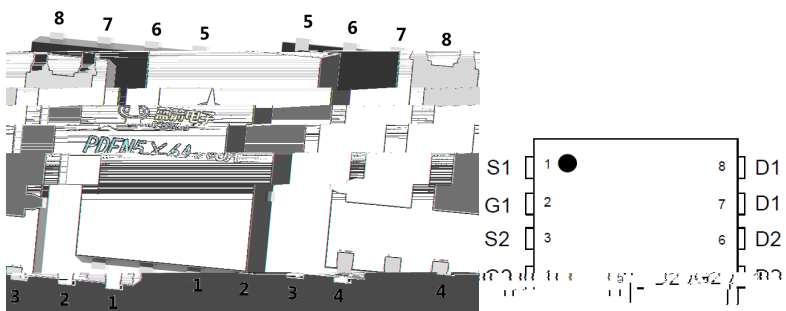
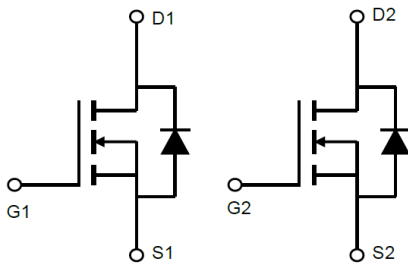


Rev.B May.-2024

PDFN5 6A N
 Dual N-CHANNEL MOSFET in a PDFN5x6A Plastic Package.

$V_{DS}(V)=30V$ $I_D=52A$
 $R_{DS(ON)}@10V<5.5m$ (Typ. 5.2 m)
 $R_{DS(ON)}@4.5V<9.5m$ (Typ. 7.6 m)
 HF Product.

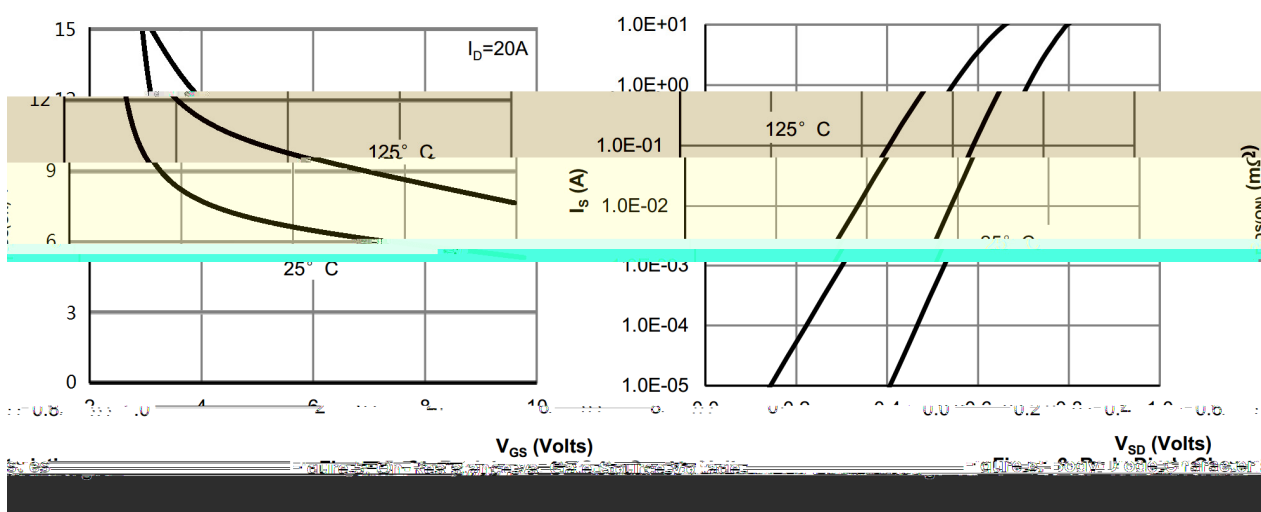
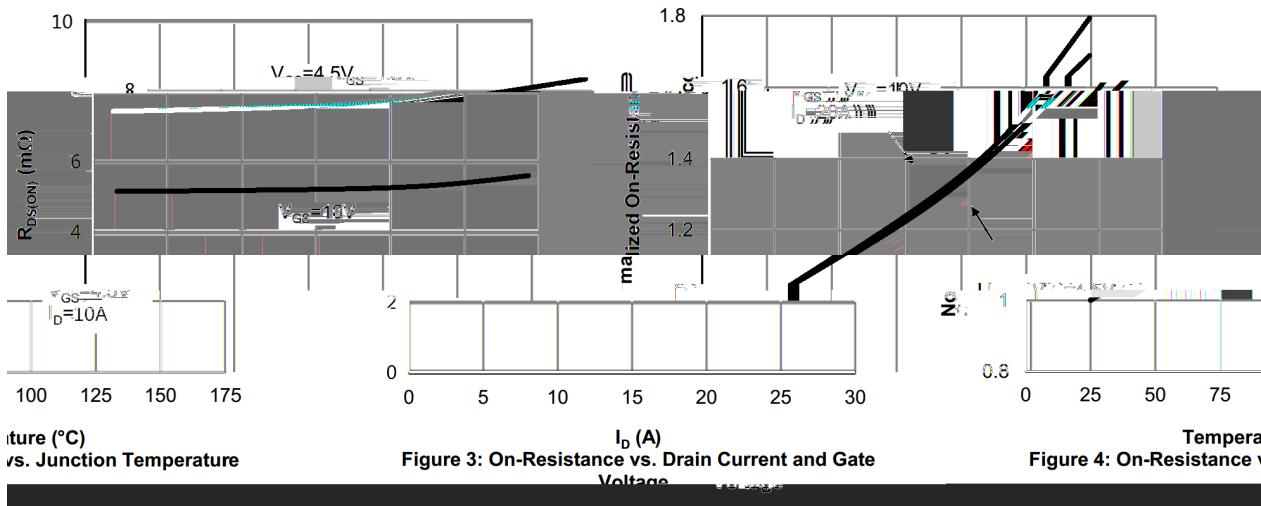
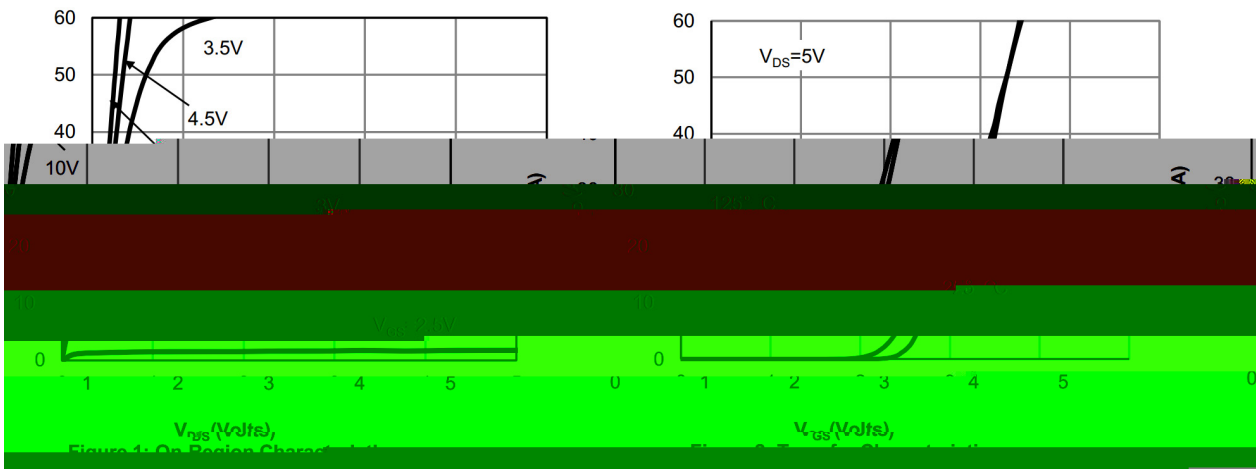
PWM LED
 PWM Application, Load Switch, Power Management, Dimming LED.

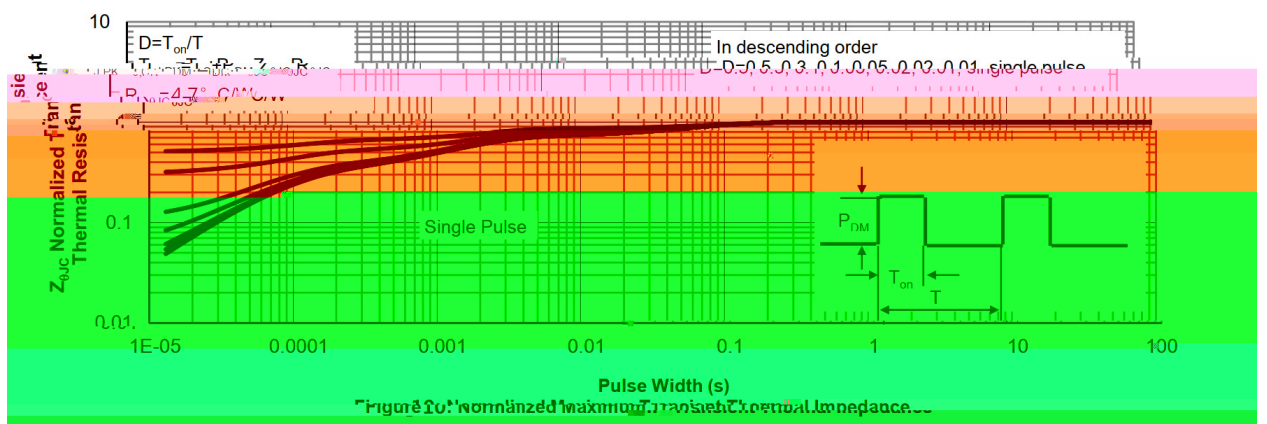
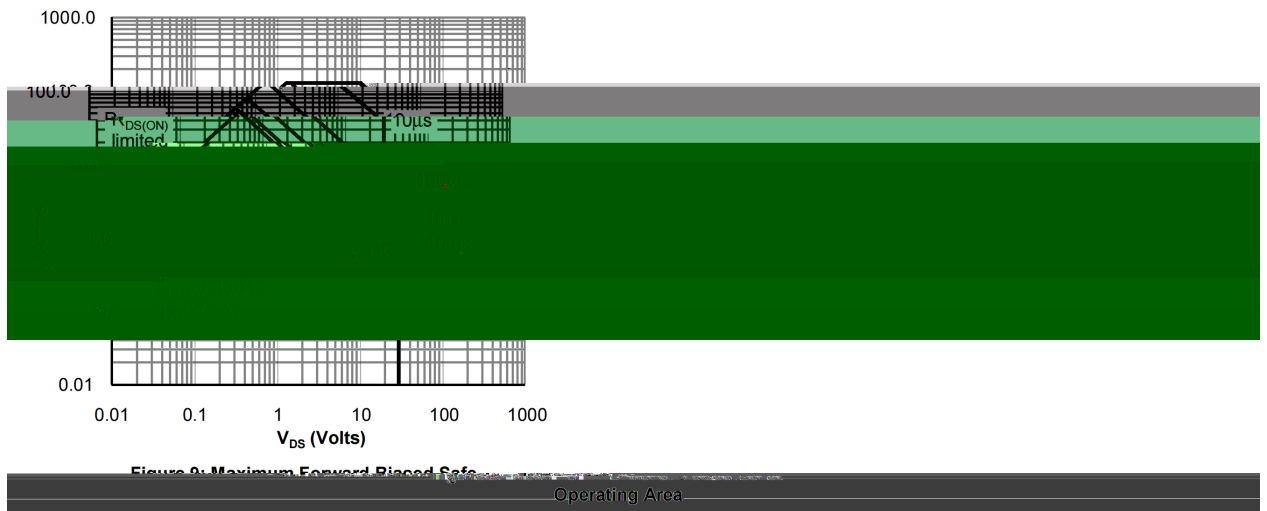
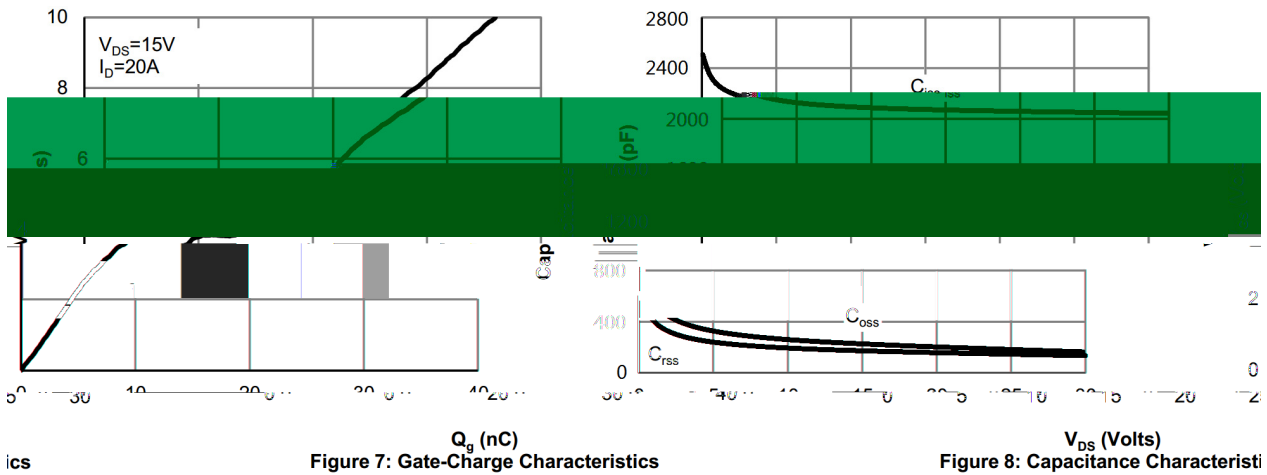


See Marking Instructions.

/

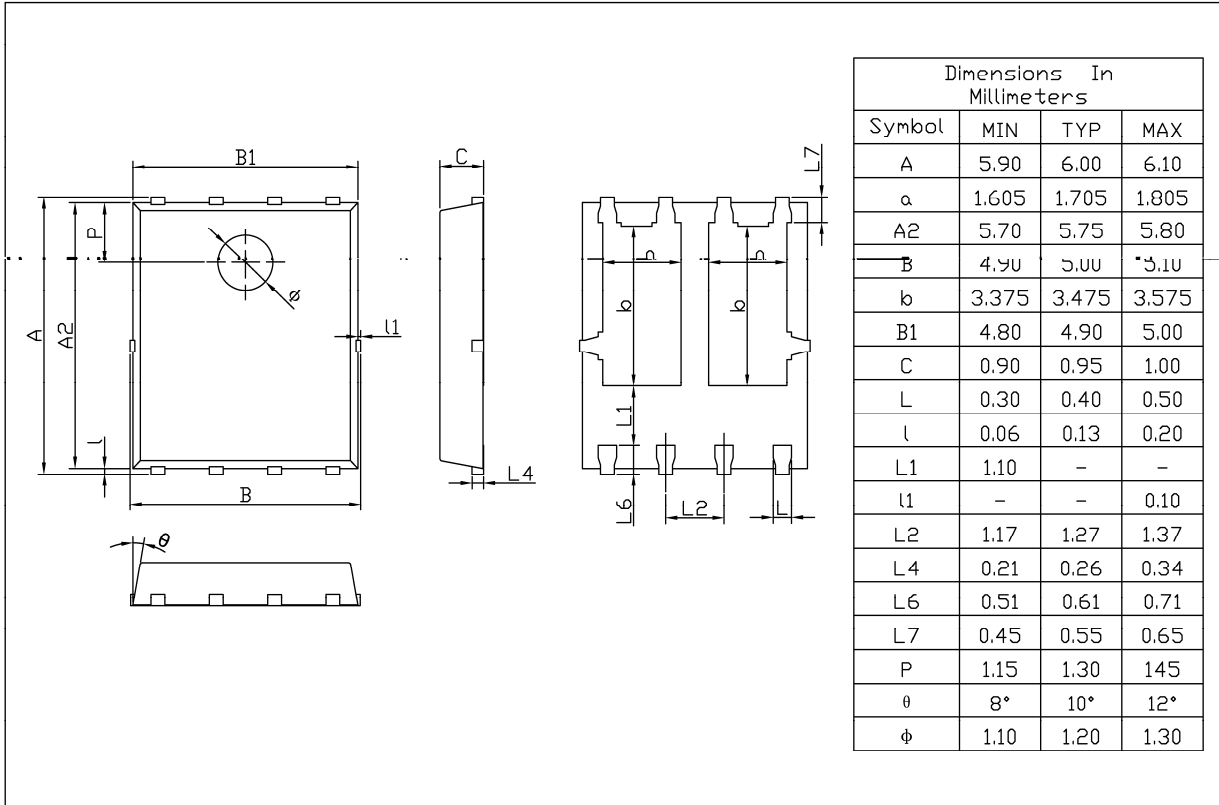
Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Turn-On Delay Time	$t_{d(on)}$	$V_{DS}=15\text{ V}$ $V_{GS}=10\text{V}$ $R_L=0.75$ $R_{GEN}=3$		11		ns
Turn-On Rise Time	t_r			14		ns
Turn-Off Delay Time	$t_{d(off)}$			38		ns
Turn-Off Fall Time	t_f			10		ns



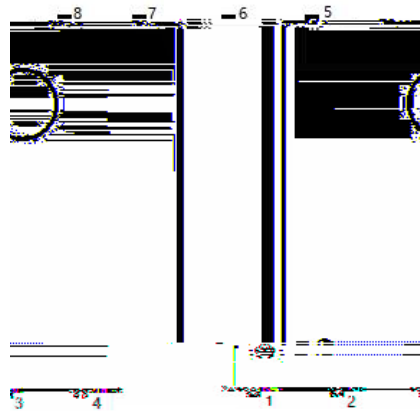


PDFN5 X6A

Unit:mm



Rev.01 202209



055N03

Note

BR

Company Code

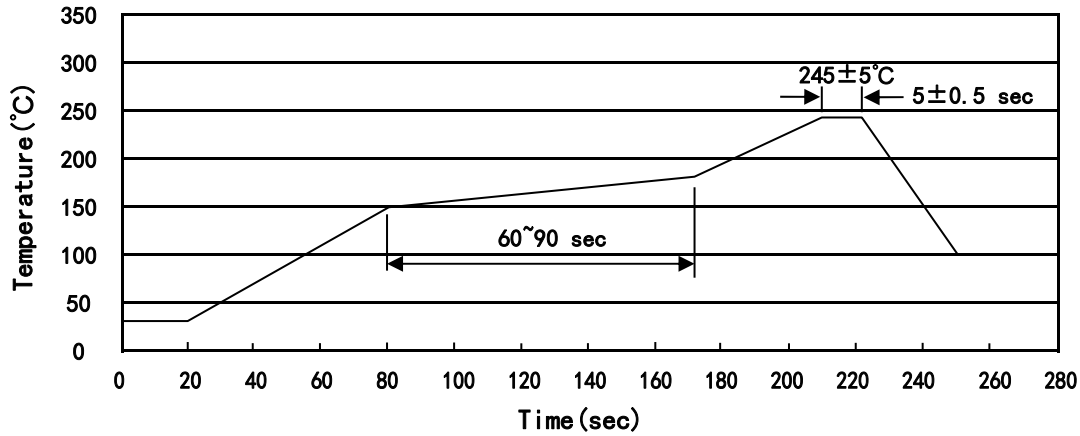
055N03

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. |

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
PDFN5x6A	5,000	2	10,000	6	60,000	13"x12	360x360x50	380x335x366