PDFN5×6A N

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

V_{DS}(V)=30V I_D=64A

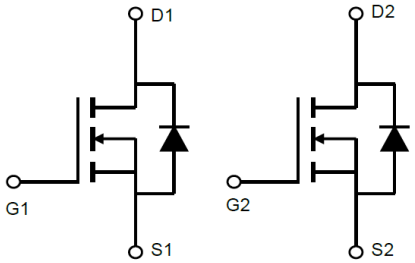
$R_{DS(ON)}$@10V<4.5mΩ(Typ. 4.3 mΩ)

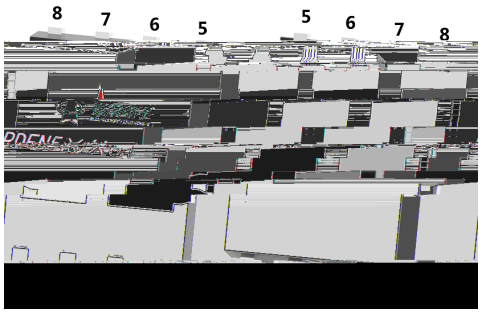
$R_{DS(ON)}$@4.5V<6.5mΩ(Typ. 5.9 mΩ)

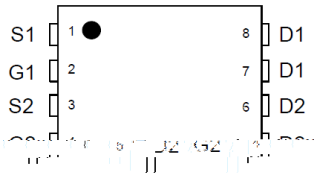
HF Product.

PWM LED

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







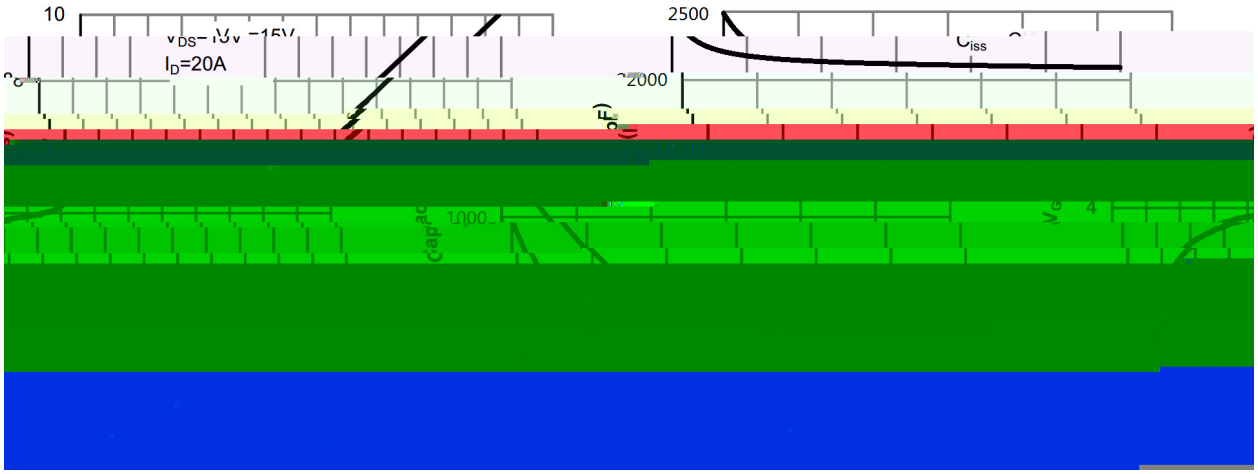
See Marking Instructions.

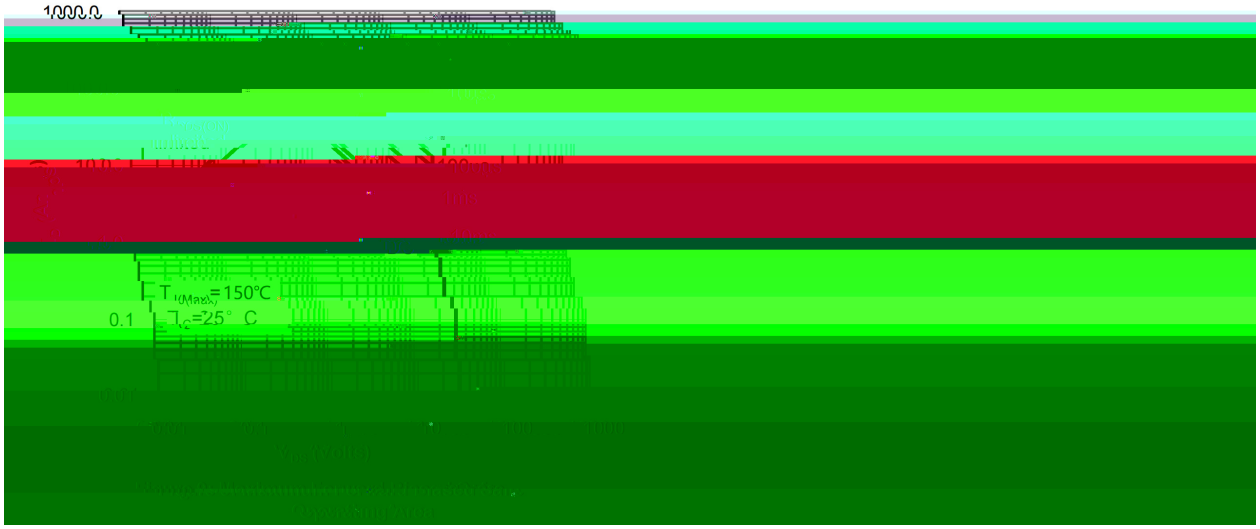
Parameter	Symbol	Rating	Unit

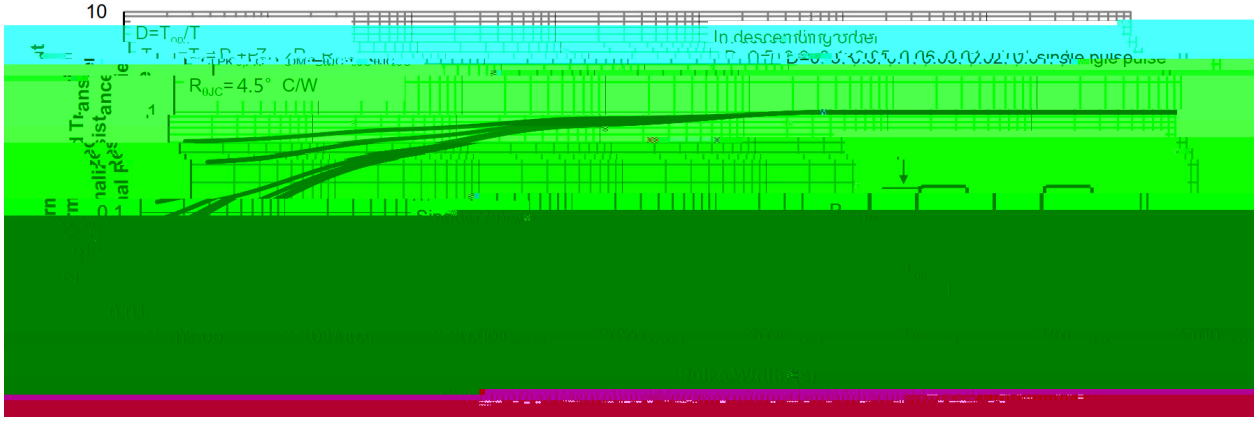
/

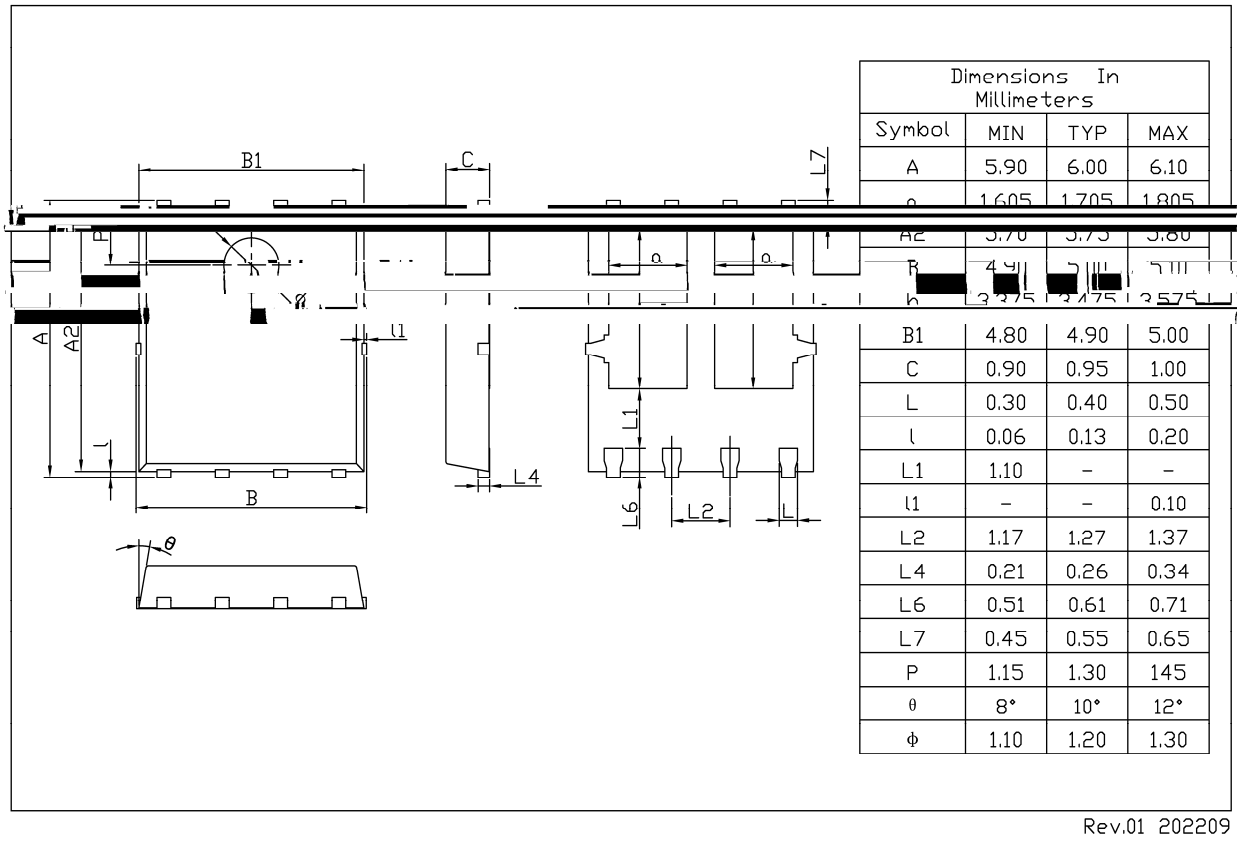
Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Turn-On Delay Time	$t_{d(on)}$	V_{DS}=15 V V_{GS}=10V R_L=0.75Ω R_{GEN}=3Ω		13.1		ns
Turn-On Rise Time	t_r			15.4		ns
Turn-Off Delay Time	$t_{d(off)}$			42		ns
Turn-Off Fall Time	t_f			15		ns

3 0 8 . 6 . 7 T 0 R e v (A 7 T H 1 . 9 (2 e) 2 7 2 5 0) 2 1 8 4 . 3 2 e A


10
I_D=20A
2500
2000
1000

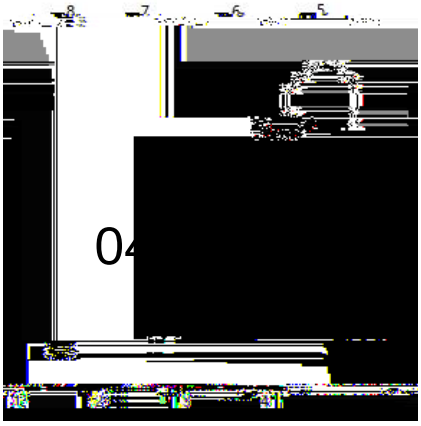

T_{C}=25° C
0.1


10
D=T_{on}/T
$R_{\theta JC}$=4.5° C/W
.1



Dimensions In Millimeters			
Symbol	MIN	TYP	MAX
A	5.90	6.00	6.10
B1	4.80	4.90	5.00
C	0.90	0.95	1.00
L	0.30	0.40	0.50
l	0.06	0.13	0.20
L1	1.10	–	–
l1	–	–	0.10
L2	1.17	1.27	1.37
L4	0.21	0.26	0.34
L6	0.51	0.61	0.71
L7	0.45	0.55	0.65
P	1.15	1.30	145
θ	8°	10°	12°
ϕ	1.10	1.20	1.30

Rev.01 202209



BR

045N03

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Note

BR	Company Code
045N03	Product Type Code
****:	Lot No. Code, code change with Lot No