

Rev.A May.-2023

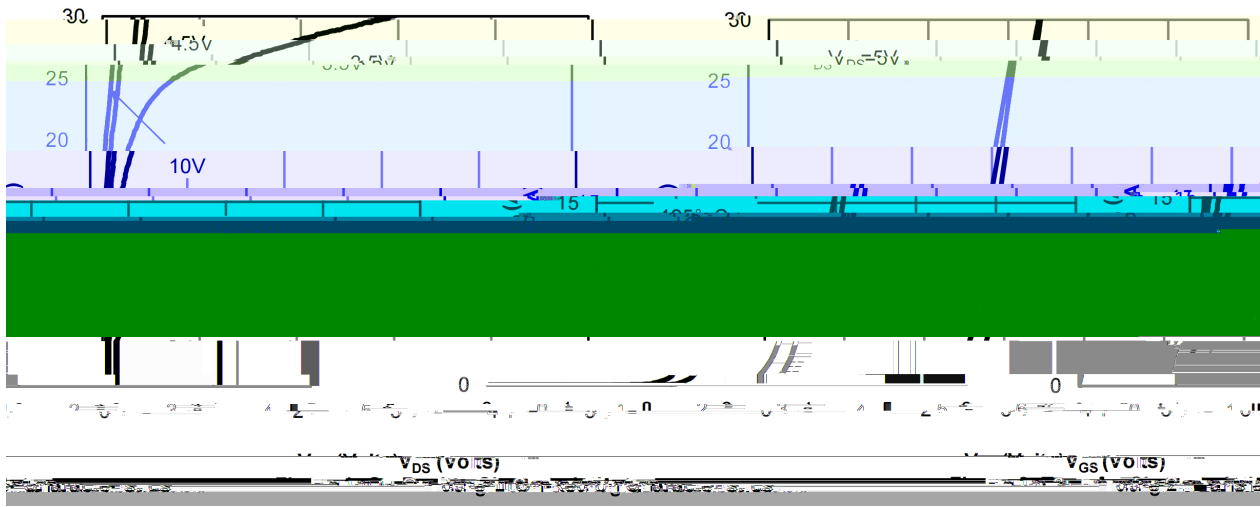
PDFN5×6A N
Dual N-CHANNEL MOSFET in a PDFN5×6A Plastic Package.

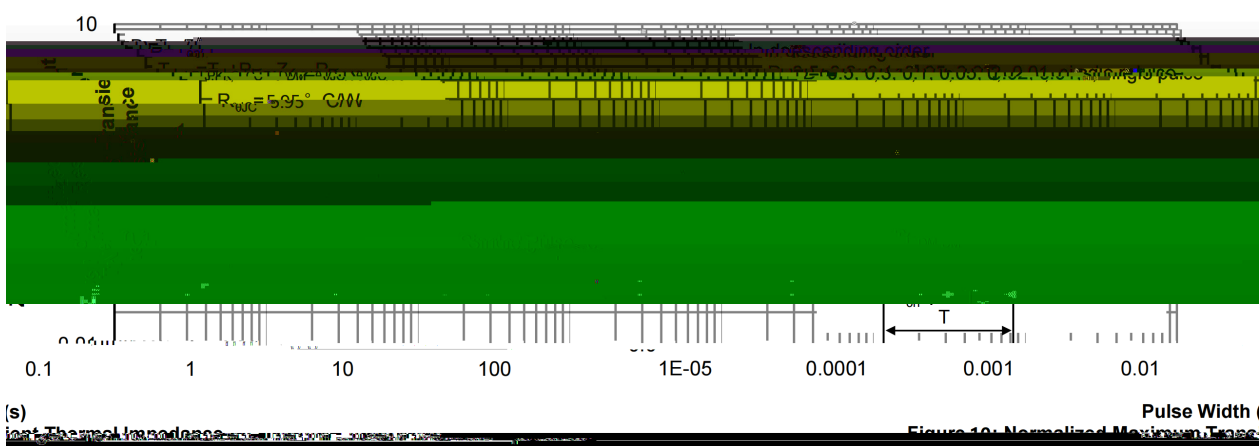
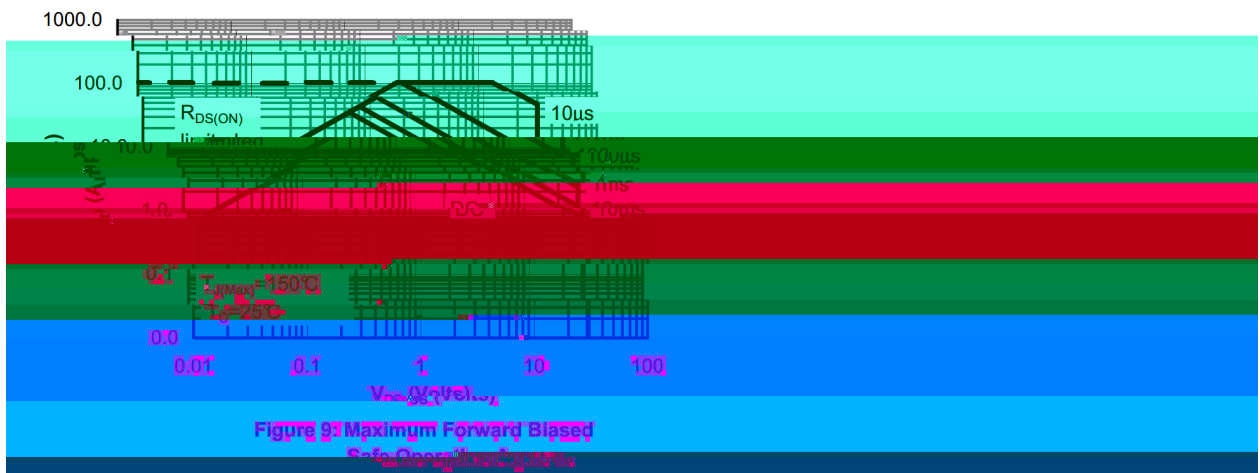
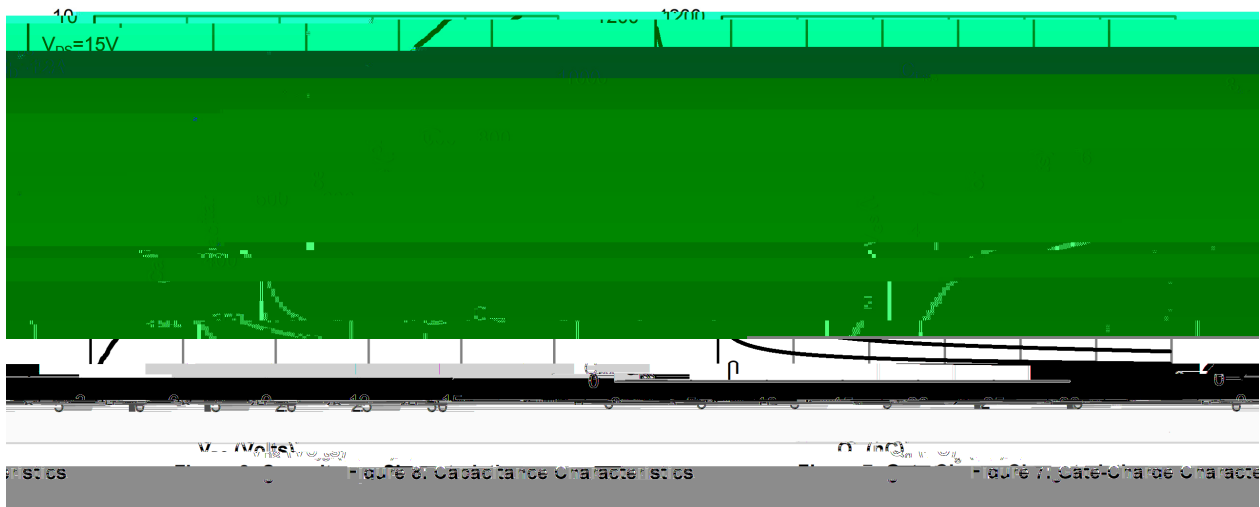
Dual N-Ch
 $V_{DS}(V)=30V$
 $I_D=33A$
 $R_{DS(ON)}<12m\Omega(V_{GS}=10V)$
 $R_{DS(ON)}<20m\Omega(V_{GS}=4.5V)$
HF Product.

PWM LED

Parameter	Symbol	Rating	Unit
Drain-Source Voltage	V_{DS}	30	V
Drain Current	$I_D(T_c=25^\circ\text{C})$	33	A
Drain Current - Pulsed	I_{DM}	104	A
Gate-Source Voltage	V_{GS}	± 20	V
Single Pulsed Avalanche Energy	E_{AS}	115	mJ
Avalanche Current	I_{AS}	17	A
Power Dissipation	$P_D(T_c=25^\circ\text{C})$	21	W
Operating and Storage Temperature Range	T_J, T_{stg}	-55 to 150	

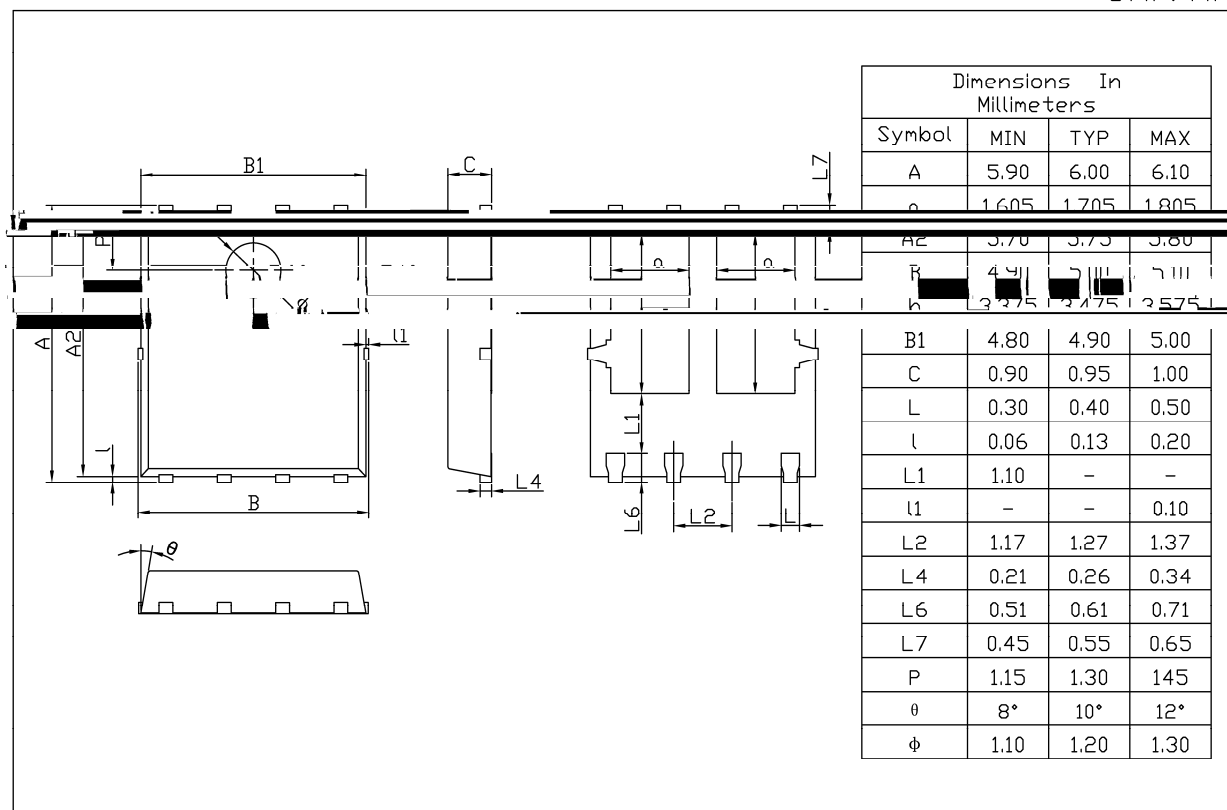
Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Turn-On Delay Time	$t_{d(on)}$	$V_{GS}=10V$ $V_{DS}=15V$ $R_L=1.25\Omega$ $R_{GEN}=3\Omega$		4.5		ns
Turn-On Rise Time	t_r			10		





产品规格书

01000001



Rev.01 202209



BR	
120N03	

Note	
BR	Company Code
120N03	Product Type Code
*****:	Lot No. Code, code change with Lot No

