

Rev.B Dec.-2023

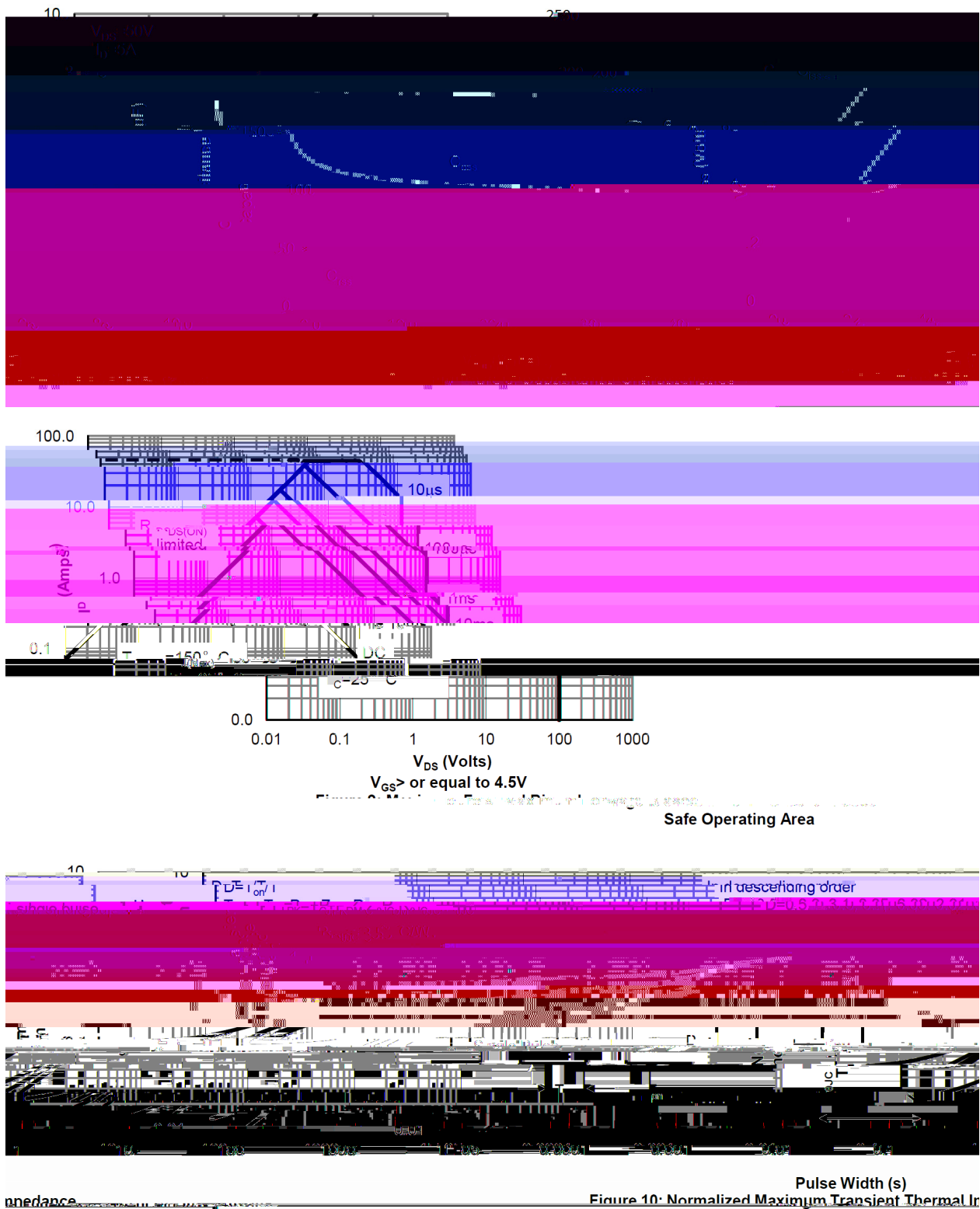
PDFN5×6A N

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

$V_{DS}(V)=100V$ $I_D=13.7A$
 $R_{DS(ON)}$

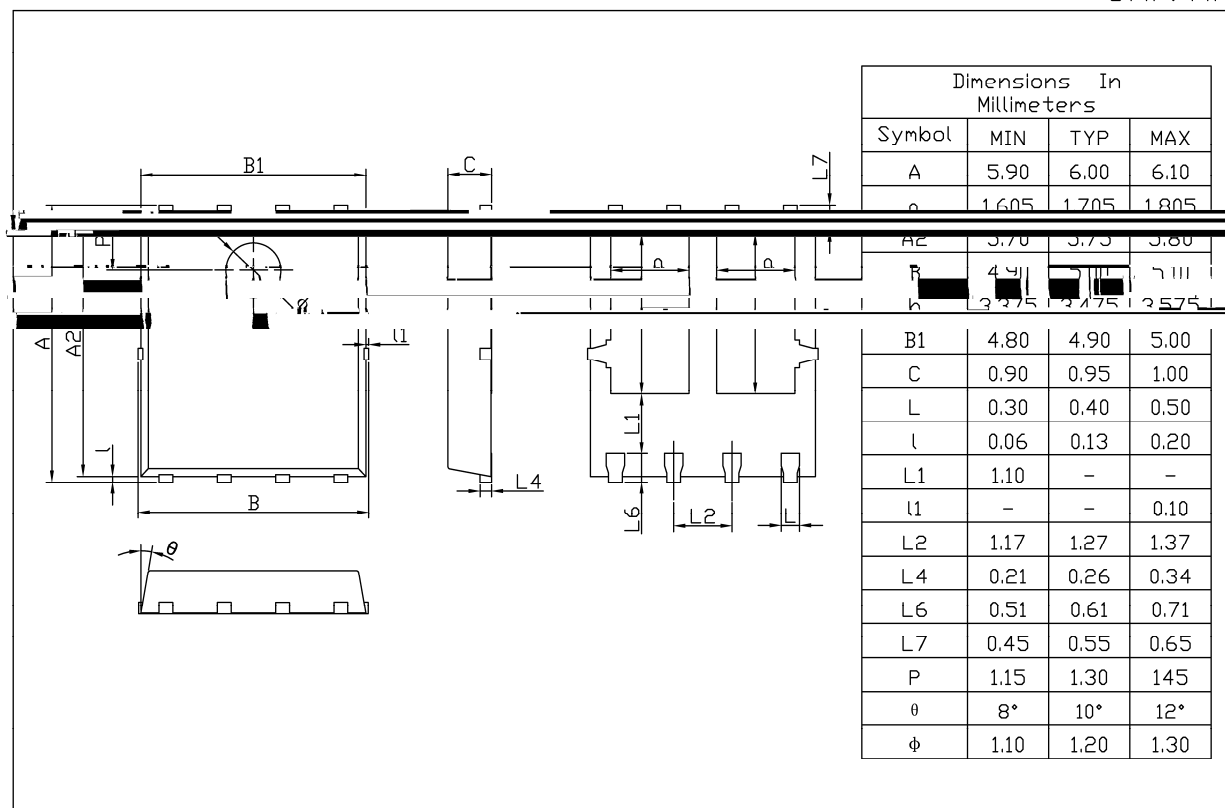
Parameter	Symbol	Rating	Unit
Drain-Source Voltage	V_{DS}	100	V
Continuous Drain Current	I_D	13.7	A
Pulsed Drain Current	I_{DM}	48	A
Gate-Source Voltage	V_{GS}	± 20	V
Power Dissipation	$P_D(T_c=25^\circ\text{C})$	35.7	W
Avalanche energy(L=0.5mH)	E_{AS}	2.7	mJ
Avalanche Current(L=0.5mH)	I_{AS}	3.3	A

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Turn-On Delay Time	$t_{d(on)}$	$V_{GS}=10V$ $V_{DS}=50V$ $R_L=10\Omega$ $R_{GEN}=3\Omega$		4		ns
Turn-On Rise Time	t_r			2		
Turn-Off Delay Time	$t_{d(off)}$			15		
Turn-Off Fall Time	t_f			2		



产品规格书

产品规格书



Rev.01 202209



BR	
Q	
900N10S	

Note	
BR	Company Code
Q:	Automobile halogen-free product Code
900N10S	Product Type Code
****:	Lot No. Code, code change with Lot No

Temperature Profile for IR Reflow Soldering(Pb-Free)
