

SPEC SHEET (FOR REFERENCE)	SHEET No.  G05055A	Rev.  0	Page.  1 of 1
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TYPE:6PT1803N6A * *	
CHIP SIZE	0.80 * 0.80mm
WAFER SIZE	6 inch

Maximum Ratings (Ta=25°C)

Characteristics	Symbol	Ratings	Unit
Drain-Source voltage	VDSS	30	V
Gate-Source voltage	VGSS	±12	V

WAFER PROBING SPEC (Ta=25C)

TEST NO.	MODE	LIMIT			UNIT	CONDITION
		MIN	Typ	MAX		
1	IGSS			±10	uA	VGS=±12.0V, VDS=0V
2	IDSS			500	nA	VDS=30.0V, VGS=0V
3	BVDSS	33.0			V	ID=250uA, VGS=0V
4	Vth	0.5		1.5	V	ID=250uA, VGS=VDS
5	RDS(on) 1		0.05	0.07	Ω	ID=2.5A, VGS=4.5V
6	RDS(on) 2		0.08	0.11	Ω	ID=2.5A, VGS=2.5V
7	VSD			0.9	V	IS=1A, VGS=0V

\* ESD Protected : 2000V

PHENITEC SEMICONDUCTOR Corp.