

SPEC SHEET (FOR REFERENCE)	SHEET No. G05098A	Rev. 0	Page. 1 of 1
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TYPE:6PT1806N1A * *	
CHIP SIZE	0.80 * 0.80mm
WAFER SIZE	6 inch

Maximum Ratings (Ta=25°C)

Characteristics	Symbol	Ratings	Unit
Drain-Source voltage	VDSS	60	V
Gate-source voltage	VGSS	±10	V

WAFER PROBING SPEC (Ta=25°C)

TEST NO.	MODE	LIMIT			UNIT	CONDITION
		MIN	Typ	MAX		
1	IGSS			±10	uA	VGS=±8.0V, VDS=0V
2	IDSS			1	uA	VDS=60.0V, VGS=0V
3	BVDSS	60			V	ID=1mA, VGS=0V
4	Vth	0.4		1.3	V	ID=1mA, VDS=10V
5	RDS(on) 1		185	240	mΩ	ID=1A, VGS=4V
6	RDS(on) 2		220	285	mΩ	ID=1A, VGS=2.5V
7	VSD			1.2	V	IS=2A, VGS=0V

* ESD Protected : 2000V

PHENITEC SEMICONDUCTOR Corp.