

SPEC SHEET (FOR REFERENCE)

SHEET No.

G05013A

Rev.

1

Page.

1 of 1

TYPE:6PT806N2T4U

CHIP SIZE	0.55 * 0.45mm
WAFER SIZE	6 inch

Maximum Ratings (Ta=25°C)

Characteristics	Symbol	Ratings	Unit
Drain-Source voltage	VDSS	50	V
Gate-Source voltage	VGSS	±20	V

WAFER PROBING SPEC (Ta=25°C)

No	MODE	LIMIT				CONDITIONS
		MIN.	Typ	MAX.	UNIT	
1	IGSS			±8	nA	VGS=±20V , VDS=0V
2	IDSS			50.0	nA	VDS=50V , VGS=0V
3	BVDSS	55			V	ID=10μA, VGS=0V
4	Vth	1.0		1.4	V	ID=250μA, VGS=VDS
5	RDS(on)1		1.5	2.1	Ω	ID=50mA , VGS=5.0V
6	RDS(on)2		1.2	1.8	Ω	ID=500mA , VGS=10V
7	VSD	0.5		1.4	V	IS=115mA , VGS=0V
8	Yfs	200			mS	VDS=10V , ID=200mA

PHENITEC SEMICONDUCTOR Corp.