

SPEC SHEET (FOR REFERENCE)	SHEET No.	Rev.	Page.
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TYPE:6PT806N4T * *	
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			UNIT	CONDITIONS
		MIN.	Typ	MAX.		
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	0.9		1.6	V	ID=1mA, VGS=VDS
5	RDS(on)1		1.3	5.0	Ω	ID=220mA, VGS=4.5V
6	RDS(on)2		1.1	2.5	Ω	ID=220mA, VGS=10V
7	VSD	0.5		1.4	V	IS=115mA, VGS=0V
8	Yfs	200			mS	VDS=10V, ID=200mA

PHENITEC SEMICONDUCTOR Corp.