

SPEC SHEET (FOR REFERENCE)	SHEET No.	Rev.	Page.
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TYPE:6PT2906N3T * *	
CHIP SIZE	0.33* 0.33mm
WAFER SIZE	6 inch

Maximum Ratings (Ta=25°C)

Characteristics	Symbol	Ratings	Unit
Drain-Source voltage	VDSS	60	V
Gate-Source voltage	VGSS	±20	V

WAFER PROBING SPEC (Ta=25C)

No	MODE	LIMIT				CONDITIONS
		MIN.	Typ	MAX.	UNIT	
1	IGSS			±10	nA	VGS=±20V, VDS=0V
2	IDSS			1	uA	VDS=60V, VGS=0V
3	BVDSS	63			V	ID=10uA, VGS=0V
4	Vth	1.2	1.6	2	V	ID=250uA, VDS=VGS
5	RDS(on)1		1.65	2.3	Ω	ID=100mA, VGS=5.0V
6	RDS(on)2		1.4	2	Ω	ID=500mA, VGS=10V
7	VSD	0.5		1.1	V	IS=115mA, VGS=0V

PHENITEC SEMICONDUCTOR Corp.