

SPEC SHEET (FOR REFERENCE)	SHEET No.  G05030A	Rev.  1	Page.  1 of 1
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TYPE:6PT1802P1T* *	
CHIP SIZE	0.80 * 0.80mm
WAFER SIZE	6 inch

Maximum Ratings (Ta=25°C)

Characteristics	Symbol	Ratings	Unit
Drain-Source voltage	VDSS	-20	V
Gate-Source voltage	VGSS	±8	V

WAFER PROBING SPEC (Ta=25°C)

TEST NO.	MODE	LIMIT				CONDITION
		MIN	Typ	MAX	UNIT	
1	IGSS	—		±2	uA	VGS=±8.0V, VDS=0V
2	IDSS	—		-500	nA	VDS=-20.0V, VGS=0V
3	BVDSS	-22.0			V	ID=-250μA, VGS=0V
4	Vth	-0.53		-1.2	V	ID=-250μA, VGS=VDS
5	RDS(on) 1	—	0.08	0.14	Ω	ID=-0.95A, VGS=-4.5V
6	RDS(on) 2	—	0.08	0.14	Ω	ID=-0.77A, VGS=-4.5V
7	RDS(on) 3	—	0.12	0.2	Ω	ID=-0.67A, VGS=-2.5V
8	RDS(on) 4	—	0.2	0.4	Ω	ID=-0.2A, VGS=-1.8V
9	VSD	—		-1.1	V	IS=-0.36A, VGS=0V

※Built in ZD between Gate and Source