

SPEC SHEET (FOR REFERENCE)	SHEET No. G05044A	Rev. 2	Page. 1 of 1
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TYPE:6PT2002P1T* *	
CHIP SIZE	0.23 * 0.23mm
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			UNIT	CONDITION
		MIN	Typ	MAX		
1	IGSS			100	nA	VGS=±5.0V, VDS=0V
2	IGSS			1	uA	VGS=±8.0V, VDS=0V
3	IDSS			500	nA	VDS=-20V, VGS=0V
4	BVDSS	-22			V	ID=-100uA, VGS=0V
5	Vth	-0.5		-1.1	V	ID=-250uA, VGS=VDS
6	RDS(on) 1		4.0	5.0	Ω	ID=-100mA, VGS=-4.5V
7	RDS(on) 2		5.5	7.0	Ω	ID=-50mA, VGS=-2.5V
8	RDS(on) 3		8.0	11	Ω	ID=-20mA, VGS=-1.8V
9	RDS(on) 4		11	17	Ω	ID=-10mA, VGS=-1.5V
10	RDS(on) 5		20		Ω	ID=-1mA, VGS=-1.2V
11	VSD			1.0	V	IS=-10mA, VGS=0V

※Built in ZD between Gate and Source