

SPEC SHEET (FOR REFERENCE)	SHEET No.  G05018A	Rev.  0	Page.  1 of 1
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TYPE:6PT902P1T * *	
CHIP SIZE	0.55 * 0.55mm
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)

No	MODE	LIMIT			UNIT	CONDITIONS
		MIN.	Typ	MAX.		
1	IGSS1			±1	uA	VGS=±8V, VDS=0V
2	IGSS2			±500	nA	VGS=±4.5V, VDS=0V
3	IDSS			-750	nA	VDS=-20V, VGS=0V
4	BVDSS	-22			V	ID=-10μA, VGS=0V
5	Vth	-0.53		-1.0	V	ID=-250μA, VDS=VGS
6	RDS(on)1		0.7	1.1	Ω	VGS=-4.5V, ID=-430mA
7	RDS(on)2		1.1	1.6	Ω	VGS=-2.5V, ID=-300mA
8	RDS(on)3		1.7	2.4	Ω	VGS=-1.8V, ID=-150mA
9	VSD	0.56		1.1	V	IS=-115mA, VGS=0V
10	Yfs	205			mS	VDS=-10V, ID=-200mA

※Built in ZD between Gate and Source