

SPEC SHEET (FOR REFERENCE)	SHEET No.	Rev.	Page.
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TYPE:6PT2002N1T * *	
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			1	uA	VGS=±8.0V, VDS=0V
2	IDSS			500	nA	VDS=20V, VGS=0V
3	BVDSS	22			V	ID=100uA, VGS=0V
4	Vth	0.5		1.0	V	ID=250uA, VGS=VDS
5	RDS(on) 1		1.7	3.0	Ω	ID=100mA, VGS=4.5V
6	RDS(on) 2		3.5	6.0	Ω	ID=20mA, VGS=1.8V
7	VSD			1.0	V	IS=10mA, VGS=0V

* ESD Protected (350V)