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|----------------------------|-----------|------|--------|
| SPEC SHEET (FOR REFERENCE) | SHEET No. | Rev. | Page.  |
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|                     |               |
|---------------------|---------------|
| TYPE:6PT1603N1T * * |               |
| CHIP SIZE           | 0.36 * 0.36mm |
| WAFER SIZE          | 6 inch        |

Maximum Ratings (Ta=25°C)

| Characteristics      | Symbol | Ratings | Unit |
|----------------------|--------|---------|------|
| Drain-Source voltage | VDSS   | 30      | V    |
| Gate-Source voltage  | VGSS   | ±8      | V    |

WAFER PROBING SPEC (Ta=25°C)

| No | MODE    | LIMIT |     |      |      | CONDITIONS         |
|----|---------|-------|-----|------|------|--------------------|
|    |         | MIN.  | Typ | MAX. | UNIT |                    |
| 1  | IGSS1   |       |     | ±500 | nA   | VGS=±8V, VDS=0V    |
| 2  | IDSS    |       |     | 10   | uA   | VDS=32V, VGS=0V    |
| 3  | BVDSS   | 32    |     |      | V    | ID=100μA, VGS=0V   |
| 4  | Vth     | 0.55  |     | 1.05 | V    | ID=250μA, VGS=VDS  |
| 5  | RDS(on) |       | 1.2 | 2    | Ω    | VGS=4.0V, ID=100mA |
| 6  | Yfs     | 180   |     |      | mS   | VDS=10V, ID=100mA  |

※Built in ZD between Gate and Source