

| | | | |
|----------------------------|-----------|------|--------|
| SPEC SHEET (FOR REFERENCE) | SHEET No. | Rev. | Page. |
| | G05059A | 0 | 1 of 1 |

| | |
|---------------------|---------------|
| TYPE:6PT1603N1A * * | |
| 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