

| | | | |
|----------------------------|--------------------------|---------------|---------------------|
| SPEC SHEET (FOR REFERENCE) | SHEET No. G05088A | Rev. 0 | Page. 1 of 1 |
|----------------------------|--------------------------|---------------|---------------------|

| | |
|---------------------|---------------|
| TYPE:6PT1803P3T * * | |
| CHIP SIZE | 0.80 * 0.80mm |
| WAFER SIZE | 6 inch |

Maximum Ratings (Ta=25°C)

| Characteristics | Symbol | Ratings | Unit |
|----------------------|--------|---------|------|
| Drain-Source voltage | VDSS | -30 | V |
| Gate-Source voltage | VGSS | ±20 | V |

WAFER PROBING SPEC (Ta=25°C)

| TEST NO. | MODE | LIMIT | | | UNIT | CONDITION |
|----------|---------|-------|------|------|------|---------------------|
| | | MIN | Typ | MAX | | |
| 1 | IGSS | | | ±10 | uA | VGS=±20.0V, VDS=0V |
| 2 | IDSS | | | -1 | uA | VDS=-30.0V, VGS=0V |
| 3 | BVDSS | -32 | | | V | ID=-100uA, VGS=0V |
| 4 | VTH | -1.0 | | -1.8 | V | ID=-250uA, VGS=VDS |
| 5 | RDS(on) | | 0.19 | 0.3 | Ω | ID=-1.0A, VGS=-4.5V |
| 6 | VSD | -0.5 | -0.8 | -1.1 | V | IS=-1A, VGS=0V |

* ESD Protected : 2000V

PHENITEC SEMICONDUCTOR Corp.