

| | | | |
|--|------------------|--|----------|
| | | | XS-N-096 |
| | W2XN203ND | | 20-A1-08 |
| | NPN | | 1/4 |

1

1.1

W2XN203ND NPN

1.2

2

| | | |
|--|----|-----------|
| | × | 1.5 × 1.5 |
| | μm | 250 ± 20 |



| | | | |
|--|------------------|--|----------|
| | | | XS-N-096 |
| | W2XN203ND | | 20-A1-08 |
| | NPN | | 2/4 |



3

3.1

$T_{amb} = 25$

| | | | | |
|------------------|-----------|---------|---|--------|
| | | | | T0-220 |
| - | V_{CBO} | 230 | V | |
| - | V_{CEO} | 230 | V | |
| - | V_{EBO} | 6 | V | |
| | I_C | 1.5 | A | |
| ($T_{amb}=25$) | P_{tot} | 2 | W | |
| | T_j | 150 | | |
| | T_{stg} | -55 150 | | |

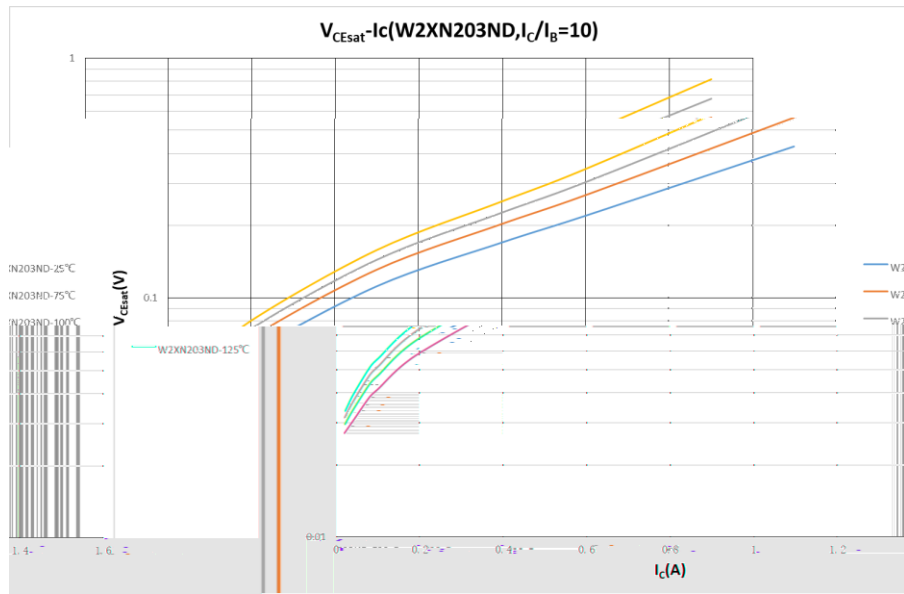
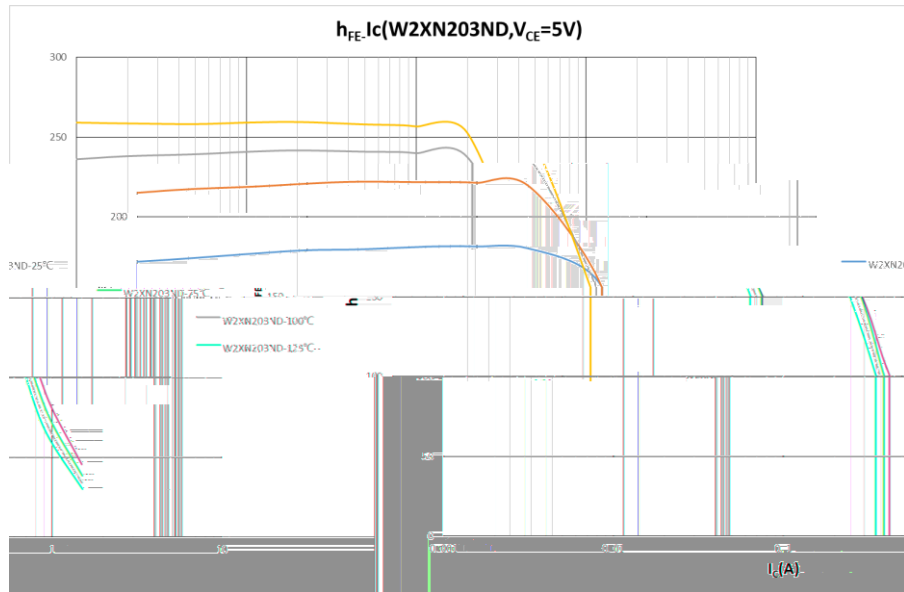
3.2

$T_{amb} = 25$

| | | | | | |
|---|-------------|-------------------------------------|-----|--|-------|
| | | | | | |
| - | I_{CBO} | $V_{CB}=200V, I_E=0$ | | | 10 uA |
| - | I_{EBO} | $V_{EB}=5V, I_C=0$ | | | 10 uA |
| | h_{FE} | $V_{CE}=5V, I_C=150mA$ | 130 | | 210 |
| - | V_{CEsat} | $I_C=500mA, I_B=50mA$ | | | 1 V |
| | f_T | $V_{CE}=5V, I_C=150mA$ $f=10MHZ$ | 10 | | MHZ |

| | | | |
|--|------------------|--|----------|
| | | | XS-N-096 |
| | W2XN203ND | | 20-A1-08 |
| | NPN | | 3/4 |

3.3



| | | | |
|--|------------------|--|----------|
| | | | XS-N-096 |
| | W2XN203ND | | 20-A1-08 |
| | NPN | | 4/4 |

-
-
-
-

25± 5

45%