



&G7)*) ,

.....



9`YWhf]WU`7 \UfUWhYf]gh]Wg` (Ta=25 unless otherwise specified)

| Parameter | Symbol | Unit | Test Conditions | Min | Max | Typ |
|--------------------------------------|---------------|---------|---------------------------------|-----|-----|-----|
| Collector-base breakdown voltage | V_{CBO} | V | $I_C=50\mu A, I_E=0$ | 60 | | |
| Collector-emitter breakdown voltage | V_{CEO} | V | $I_C=1mA, I_B=0$ | 50 | | |
| Emitter-base breakdown voltage | V_{EBO} | V | $I_E=50\mu A, I_C=0$ | 7 | | |
| Collector-base cut-off current | I_{CBO} | μA | $V_{CB}=60V, I_E=0$ | | | 0.1 |
| Emitter-base cut-off current | I_{EBO} | μA | $V_{EB}=7V, I_C=0$ | | | 0.1 |
| DC current gain | h_{FE} | | $V_{CE}=6V, I_C=1mA$ | 120 | | 560 |
| Collector-emitter saturation voltage | $V_{CE(sat)}$ | V | $I_C=50mA, I_B=5mA$ | | | 0.4 |
| Transition frequency | f_T | MHz | $V_{CE}=12V, I_C=2mA, f=100MHz$ | | 160 | |
| Collector-base output capacitance | C_{ob} | pF | $V_{CB}=12V, I_E=0, f=1MHz$ | | 2.0 | 3.5 |

7@5GG-:75H-CB'C: <:9`

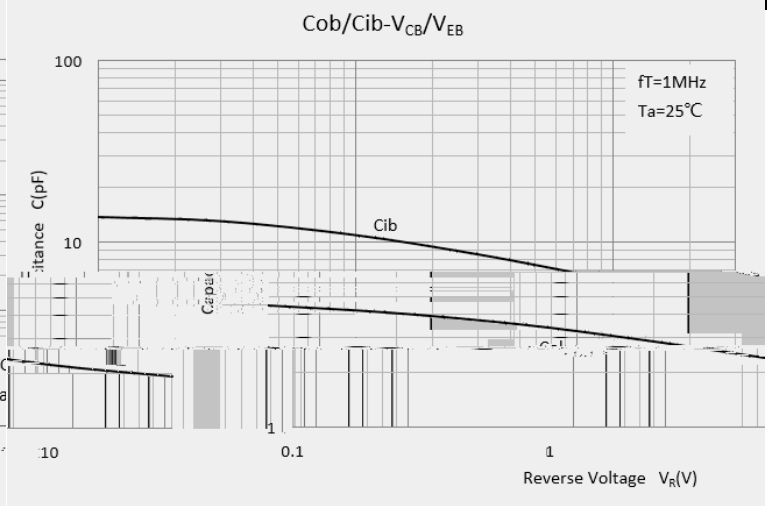
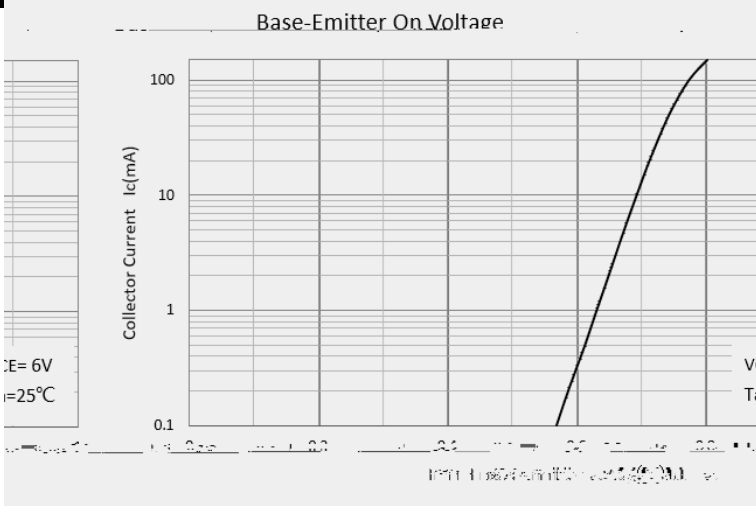
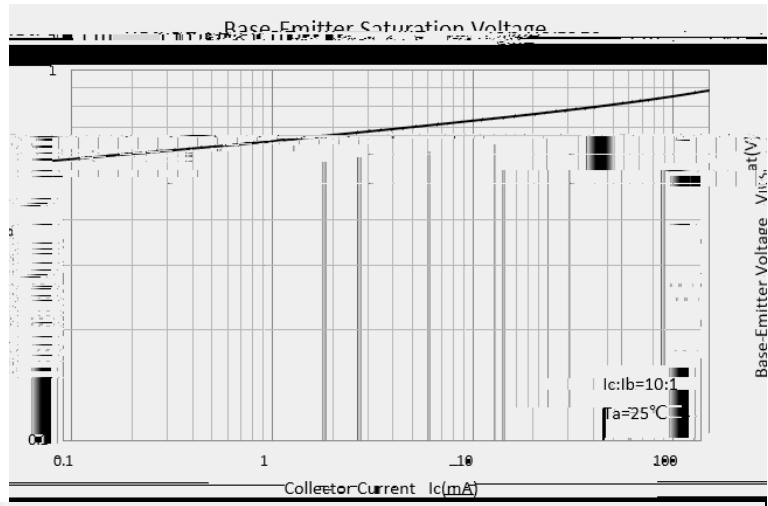
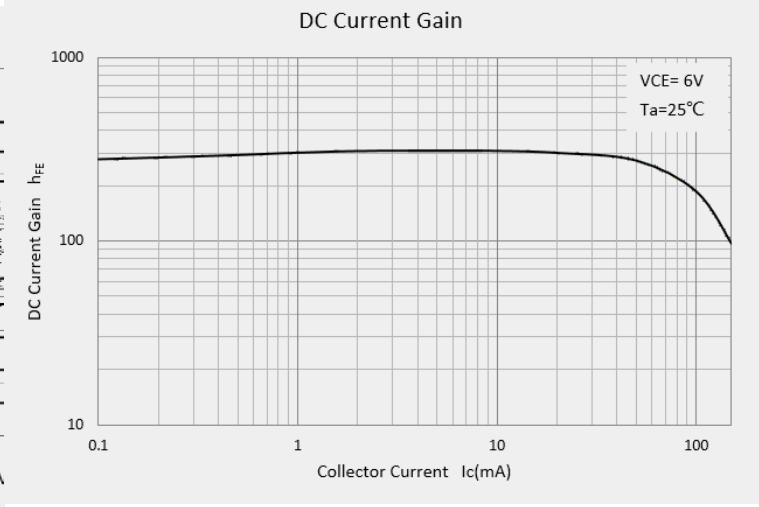
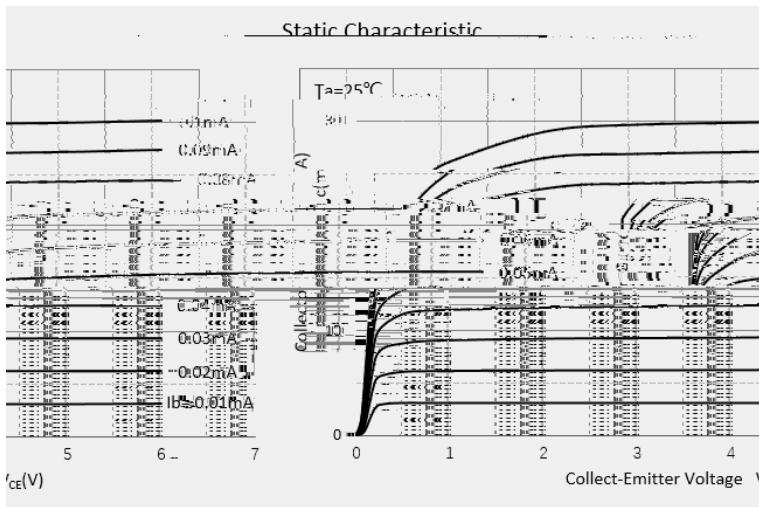
| Parameter | Q | R | S |
|-----------|---------|---------|---------|
| Fub[Y` | 120-270 | 180-390 | 270-560 |

CfXYf]b [-bZcf aUh]cb (Example)

| DF9:9F98`D#B` | D57?`B;` 7C89` | I B-H` K9=; <Hfl[L` | A=B=A I A` D57?5; 9fidWgl` | =BB9F`6CL` E I 5BH-HMfidWgl` | C I H9F`75FHCB` E I 5BH-HMfidWgl` | 89@-J9FM`AC89` |
|---------------|-------------------|---------------------|-------------------------------|---------------------------------|--------------------------------------|----------------|
| 2SC5658 | F2 | Approximate 0.0013 | 8000 | 80000 | 320000 | 7" reel |



'7 \UfUWhYf]gh]Wg (Typical)





&G7) *),

8]gW'U]a Yf`

The information presented in this document is for reference only. Yangzhou Yangjie Electronic Technology Co., Ltd. reserves the