

回路図 : *CIRCUIT*

外形寸法図 : *OUTLINE DRAWING*

Dimension: [mm]

最大定格 : *MAXIMUM RATINGS* ($T_c=25^\circ\text{C}$)

| Item | Symbol | Rated Value | Unit |
|--|-----------|--|---------------------|
| コレクタ・エミッタ間電圧 Collector-Emitter Voltage | V_{CES} | 600 | V |
| ゲート・エミッタ間電圧 Gate-Emitter Voltage | V_{GES} | ± 20 | V |
| コレクタ電流 Collector Current | DC | 300 | A |
| | 1ms | 600 | |
| コレクタ損失 Collector Power Dissipation | P_C | 1,040 | W |
| 接合温度 Junction Temperature Range | T_j | $-40 \sim +150$ | $^\circ\text{C}$ |
| 保存温度 Storage Temperature Range | T_{stg} | $-40 \sim +125$ | $^\circ\text{C}$ |
| 絶縁耐圧(Terminal to Base AC, 1 minute) Isolation Voltage | V_{ISO} | 2,500 | V _(RMS) |
| 締め付けトルク Mounting Torque | F_{tor} | PDMB300 | 3 (30.6) 3 (30.6) |
| | | Module Base to Heatsink Busbar to Main Terminal | |