

10A Avg.

60 Volts

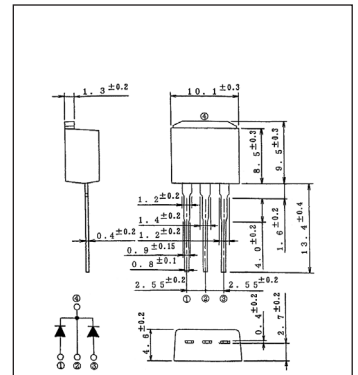
SBD

C10T06QH-11A

最大定格 Maximum Ratings

| Item | Symbol | Conditions | Unit | | |
|--|------------|---|---------------------|----|---|
| くり返しピーク逆電圧 Repetitive Peak Reverse Voltage | V_{RRM} | 60 | V | | |
| くり返しピークサージ逆電圧 Repetitive Peak Surge Reverse Voltage | V_{RRSM} | 65 pulse width $\leq 1 \mu s$ duty $\leq 1/50$ | V | | |
| 平均整流電流 Average Rectified Forward Current | I_O | 50Hz, 正弦全波通電抵抗負荷 50Hz Full Sine Wave Resistive Load | $T_c = 125^\circ C$ | 10 | A |
| 実効順電流 R.M.S. Forward Current | $I_F(RMS)$ | 11.1 | A | | |
| サージ順電流 Surge Forward Current | I_{FSM} | 120 50Hz正弦全波, 1サイクル, 非くり返し 50Hz Full Sine Wave, 1cycle, Non-repetitive | A | | |
| 動作接合温度範囲 Operating Junction Temperature Range | T_{jw} | -40 ~ +150 | $^\circ C$ | | |
| 保存温度範囲 Storage Temperature Range | T_{stg} | -40 ~ +150 | $^\circ C$ | | |

OUTLINE DRAWING(mm)



APPROX. NET WEIGHT: 1.45g

電氣的・熱的特性 Electrical/Thermal Characteristics

| Item | Symbol | Conditions | Min. | Typ. | Max. | Unit |
|--------------------------------|---------------|--|------|------|------|--------------|
| ピーク逆電流 Peak Reverse Current | I_{RM} | $T_j = 25^\circ C, V_{RM} = V_{RRM}$, 一素子あたり Per Diode | — | — | 1 | mA |
| ピーク順電圧 Peak Forward Voltage | V_{FM} | $T_j = 25^\circ C, I_{FM} = 5A$, 一素子あたり Per Diode | — | — | 0.66 | V |
| 熱抵抗 Thermal Resistance | $R_{th(j-c)}$ | 接合部・ケース間 Junction to Case | — | — | 3 | $^\circ C/W$ |

定格・特性曲線

