

3A Avg.

35 Volts

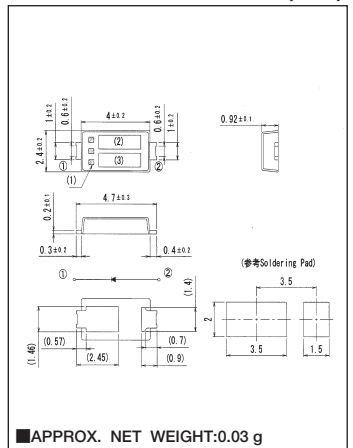
SBD

NA03QSA035

■最大定格 Maximum Ratings

| Item   | Symbol            | Conditions   | Unit   |
|--|-------------------|--|--|
| くり返しピーク逆電圧<br>Repetitive Peak Reverse Voltage    | $V_{RRM}$         | 35   | V  |
| 平均整流電流<br>Average Rectified Forward Current      | $I_O$             | 50Hz、正弦半波通電抵抗負荷<br>50Hz Half Sine Wave Resistive Load                    | $T_a=27^\circ\text{C}$<br>$V_{RM}=15\text{V}$<br>1.5<br>A                        |
|  |                   |  | $T_l=124^\circ\text{C}$<br>T:lead Temperature<br>$V_{RM}=15\text{V}$<br>3.0<br>A |
| 実効順電流<br>R.M.S. Forward Current                  | $I_F(\text{RMS})$ | 4.71   | A  |
| サージ順電流<br>Surge Forward Current                  | $I_{FSM}$         | 60 50Hz正弦半波, 1サイクル, 非くり返し<br>50Hz Half Sine Wave, 1cycle, Non-repetitive | A  |
| 動作接合温度範囲<br>Operating Junction Temperature Range | $T_{jw}$          | -40~+150   | °C   |
| 保存温度範囲<br>Storage Temperature Range              | $T_{stg}$         | -40~+150   | °C   |

■OUTLINE DRAWING(mm)



■電氣的・熱的特性 Electrical/Thermal Characteristics

| Item                           | Symbol        | Conditions                                   | Min. | Typ. | Max. | Unit |
|--------------------------------|---------------|--|------|------|------|------|
| ピーク逆電流<br>Peak Reverse Current | $I_{RM}$      | $T_j=25^\circ\text{C}$ , $V_{RM}=35\text{V}$ | —    | —    | 2    | mA   |
| ピーク順電圧<br>Peak Forward Voltage | $V_{FM}$      | $T_j=25^\circ\text{C}$ , $I_{FM}=3\text{A}$  | —    | —    | 0.47 | V    |
| 熱抵抗<br>Thermal Resistance      | $R_{th(j-a)}$ | 接合部・周囲間<br>Junction to Ambient               | —    | —    | 130  | °C/W |
|                                | $R_{th(j-l)}$ | 接合部・リード間<br>Junction to Lead                 | —    | —    | 13   | °C/W |

\*プリント基板実装/Glass-Epoxy Substrate mounted (Soldering Lands= 2.0 × 1.5 mm, 2.0 × 3.5 mm)

■定格・特性曲線

