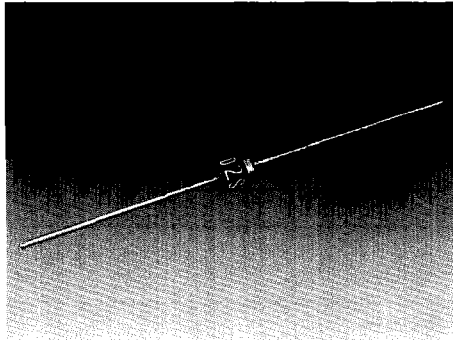
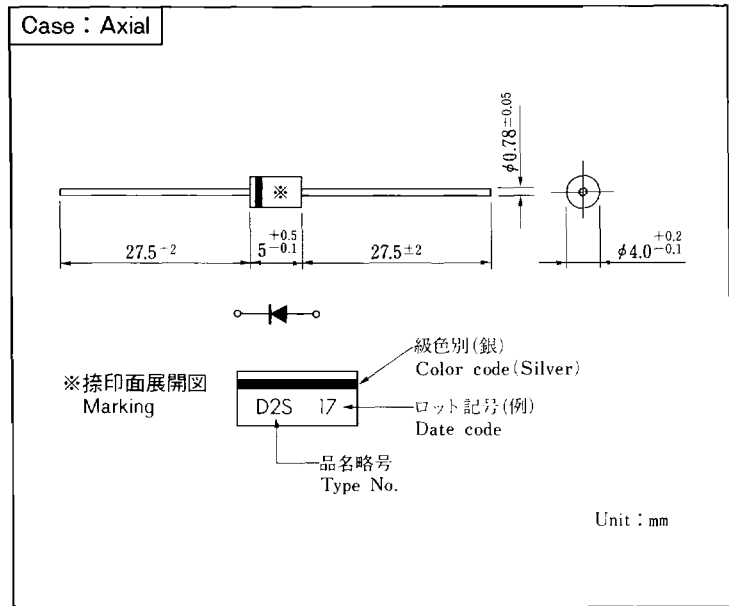


**D2S4M**

**40V 2A**



■ 外形寸法図 OUTLINE DIMENSIONS



■ 定格表 RATINGS

絶対最大定格 Absolute Maximum Ratings

| 項目<br>Item                                     | 記号<br>Symbol      | 条件<br>Conditions  | 品名<br>Type No.        | D2S4M   | 単位<br>Unit |
|--|-------------------|---|-----------------------|---------|------------|
| 保存温度<br>Storage Temperature                    | Tstg              |   |                       | -40~125 | °C         |
| 接合部温度<br>Operating Junction Temperature        | Tj                |   |                       | 125     | °C         |
| せん頭逆電圧<br>Maximum Reverse Voltage              | V <sub>RM</sub>   |   |                       | 40      | V          |
| 繰り返しせん頭サージ逆電圧<br>Repetitive Peak Surge Voltage | V <sub>RRSM</sub> | パルス幅 0.5ms, duty 1/40<br>Pulse width 0.5ms, Duty cycle 1/40   |                       | 45      | V          |
| 出力電流<br>Average Rectified Forward Current      | I <sub>O</sub>    | 50Hz 正弦波, 抵抗負荷, プリント基板実装<br>50Hz sine wave, R-load, On glass-epoxy substrate  | T <sub>l</sub> =100°C | 2       | A          |
|  |                   |   | T <sub>a</sub> =25°C  | 1.5     |            |
| せん頭サージ順電流<br>Peak Surge Forward Current        | I <sub>FSM</sub>  | 50Hz 正弦波, 非繰り返し 1 サイクルせん頭値, T <sub>j</sub> =25°C<br>50Hz sine wave, Non-repetitive peak value, T <sub>j</sub> =25°C |                       | 60      | A          |

電氣的・熱的特性 Electrical Characteristics (T<sub>l</sub>=25°C)

|                              |                 |  |          |      |
|------------------------------|-----------------|--|----------|------|
| 順電圧<br>Forward Voltage       | V <sub>F</sub>  | I <sub>F</sub> =2A, パルス測定<br>Pulse measurement               | MAX 0.55 | V    |
| 逆電流<br>Reverse Current       | I <sub>R</sub>  | V <sub>R</sub> =V <sub>RM</sub> , パルス測定<br>Pulse measurement | MAX 2    | mA   |
| 接合容量<br>Junction Capacitance | C <sub>j</sub>  | f=1MHz, V <sub>R</sub> =10V                                  | TYP 95   | pF   |
| 熱抵抗<br>Thermal Resistance    | θ <sub>jl</sub> | 接合部・リード間<br>Junction to lead                                 | MAX 17   | °C/W |
|                              | θ <sub>ja</sub> | 接合部・周囲間<br>Junction to ambient                               | MAX 105  |      |

■ 特性図 CHARACTERISTIC DIAGRAMS

