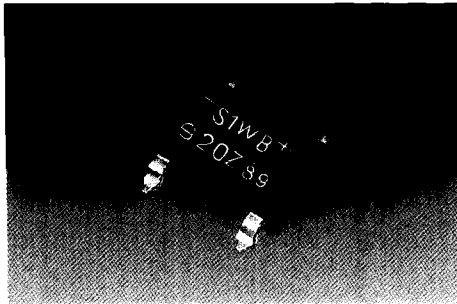
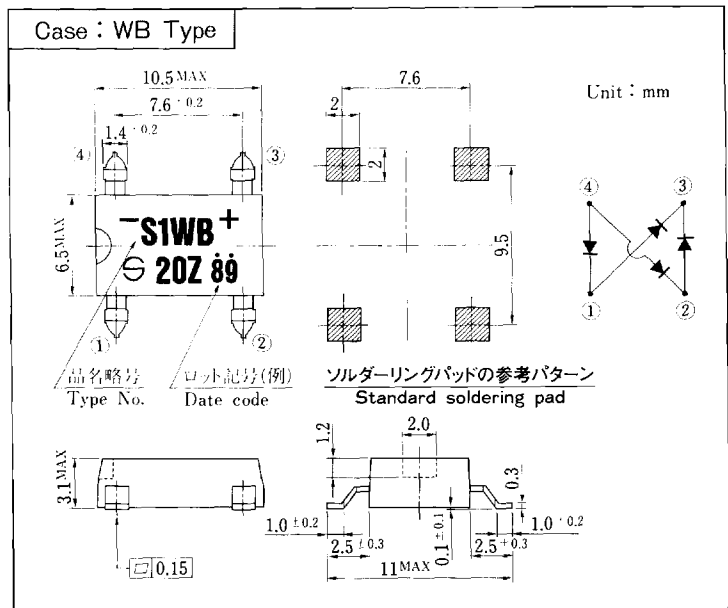


**S1WB(A)□Z**

**800V 1A**



■ 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. S1WB(A)□Z |     |     |     | 単位<br>Unit |
|---|--------------|---|--------------------------|-----|-----|-----|------------|
|   |              |   | 20                       | 40  | 60  | 80  |            |
| 保存温度<br>Storage Temperature               | Tstg         |   | -40~150                  |     |     |     | °C         |
| 接合部温度<br>Operating Junction Temperature   | Tj           |   | 150                      |     |     |     | °C         |
| せん頭逆電圧<br>Maximum Reverse Voltage         | VRM          |   | 200                      | 400 | 600 | 800 | V          |
| 出力電流<br>Average Rectified Forward Current | IO           | 50Hz正弦波, 抵抗負荷, Ta=25°C<br>50Hz sine wave, R-load, Ta=25°C   | 1                        |     |     |     | A          |
| せん頭サージ順電流<br>Peak Surge Forward Current   | IFSM         | 50Hz正弦波, 非繰り返し1サイクルせん頭値,<br>Tj=25°C<br>50Hz sine wave, Non-repetitive 1 cycle peak value,<br>Tj=25°C    | 30                       |     |     |     | A          |
| せん頭サージ逆電力<br>Peak Surge Reverse Power     | PRSM         | パルス幅10μs, 非繰り返し, 1素子当り,<br>Tj=25°C<br>Pulse width 10μs, Non-repetitive, Rating of per diode,<br>Tj=25°C | 1                        |     |     |     | kW         |

電氣的・熱的特性 Electrical Characteristics (Tl=25°C)

|                           |     |  |         |         |         |          |      |
|---------------------------|-----|--|---------|---------|---------|----------|------|
| 順電圧<br>Forward Voltage    | VF  | IF=0.5A, パルス測定, 1素子当りの規格値<br>IF=0.5A, Pulse measurement, Rating of per diode | MAX 1   |         |         |          | V    |
| 逆電流<br>Reverse Current    | IR  | VR=VRM, パルス測定, 1素子当りの規格値<br>VR=VRM, Pulse measurement, Rating of per diode   | MAX 10  |         |         |          | μA   |
| 降伏電圧<br>Avalanche Voltage | VZ  | IR=0.6mA, 1素子当りの規格値<br>IR=0.6mA, Rating of per diode                         | MIN 250 | MIN 500 | MIN 750 | MIN 1000 | V    |
| 熱抵抗<br>Thermal Resistance | θjl | 接合部・リード間<br>Junction to lead   | MAX 10  |         |         |          | °C/W |
|                           | θja | 接合部・周囲間<br>Junction to ambient   | MAX 65  |         |         |          |      |

■ 特性図 CHARACTERISTIC DIAGRAMS

