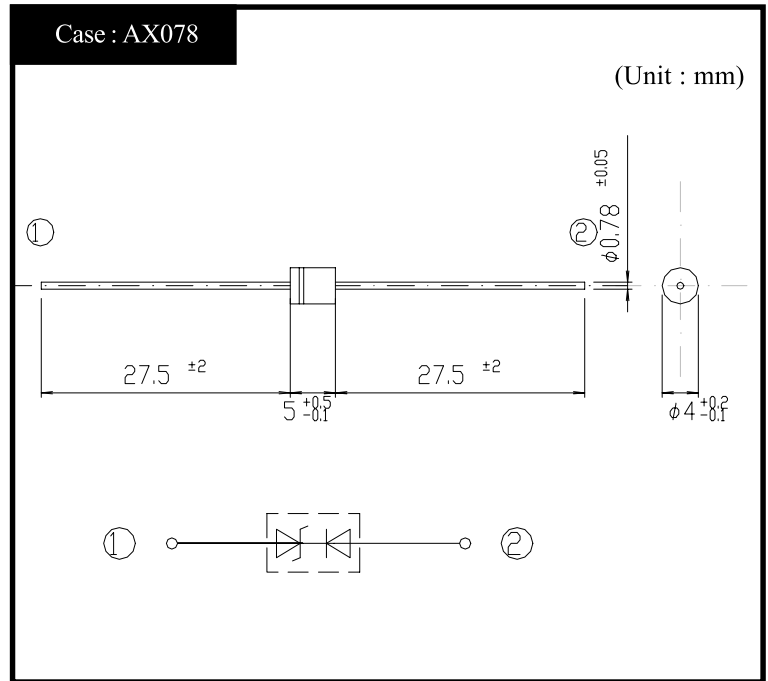


ST02D-200

OUTLINE DIMENSIONS



RATINGS

● Absolute Maximum Ratings (Tl=25°C)

| Item | Symbol | Conditions | ZD | Di | Unit |
|----------------------------|------------------|-----------------------------|---------|---------|------|
| Storage Temperature | T _{stg} | | -40~150 | -40~150 | °C |
| Junction Temperature | T _j | | 150 | 150 | °C |
| Peak Surge Reverse Power | P _{RSM} | 10/1000 μ s, Non-repetitive | 200 | - | W |
| Peak Surge Reverse Current | I _{RSM} | 10/1000 μ s, Non-repetitive | 0.7 | - | A |
| Maximum Reverse Voltage | V _{RM} | | 170 | 600 | V |

● Electrical Characteristics (Tl=25°C)

| Item | Symbol | Conditions | ZD | Di | Unit |
|------------------------|-----------------|---|-------------------------------|---------|------|
| Movement Start Voltage | V _{BR} | I _R = 1mA | MIN 185 STD 200 MAX 215 | - | V |
| Restriction Voltage | V _{GL} | I _{pp} = 0.75A | MAX 300 | - | V |
| Leak Current | I _R | V _R = V _{RM} | MAX 5 | MAX 5 | μ A |
| Reverse Recovery Time | t _{rr} | I _F /I _R =0.1A/0.3A | - | MAX 500 | ns |
| Thermal Resistance | θ _{jL} | Junction to lead | MAX 17 | MAX 17 | °C/W |