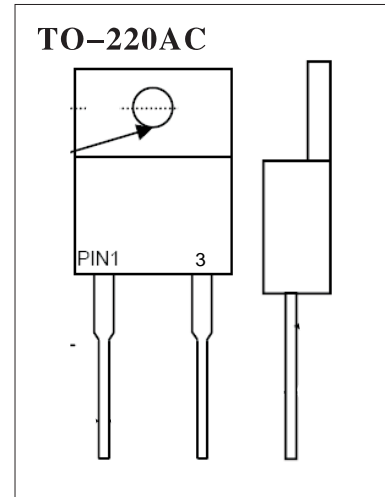
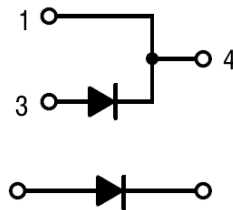


BYW29-200

■ Features

- Epoxy Meets UL 94 V-0 @ 0.125 in
- Low Forward Voltage
- Low Leakage Current
- High Temperature Glass Passivated Junction



■ Maximum Ratings And Electrical Characteristics @T_A=25°C unless otherwise specified

| Parameter | Symbol | Rating | Unit |
|---|-----------------------------------|------------|------|
| Peak repetitive peak reverse voltage | V _{RRM} | 200 | V |
| Average Rectified Output Current | I _O | 8.0 | A |
| Non-Repetitive Peak Forward Surge Current 8.3ms Single half sine-wave superimposed on rated load (JEDEC Method) | I _{FSM} | 100 | A |
| Forward Voltage * @I _F = 5A | V _F | 0.85 | V |
| Forward Voltage T _J = 150 °C @I _F = 20A | | 1.3 | |
| Reverse leakage current * Rated Dc Voltage, T _J = 100°C | I _{RM} | 600 | μ A |
| Rated Dc Voltage, T _J = 25°C | | 5.0 | |
| Maximum Reverse Recovery Time I _F = 1.0 A, di/dt = 50 A/μ s | t _{rr} | 35 | ns |
| I _F = 0.5 A, I _R = 1.0 A, I _{REC} = 0.25 A | | 25 | ns |
| Operating junction and storage temperatures | T _J , T _{Stg} | -65 to 175 | °C |
| Thermal resistance, junction to case per leg | R _{thJC} | 3 | °C/W |

* Pulse Test: Pulse Width = 300 μ s, Duty Cycle ≤ 2.0%.