

Features

Low Forward Voltage Drop

MECHANICAL DATA

$\phi_{max} = 0.45 \text{ mm}$
 $W = 0.95 \text{ mm}$
 $L = 1.27 \text{ mm}$
 $T = 0.1 \text{ mm}$

| Item | Symbol | Unit | Conditions | Limit |
|-------------------------------------|--------|------|------------------------------|-------------|
| Repetitive Peak Reverse Voltage | VRRM | V | | 70 |
| Reverse Voltage | VR | V | | 70 |
| Forward Current | IF | mA | | 70 |
| Non-Repetitive Peak Forward Current | IFSM | mA | 8.3 ms single half sine-wave | 100 |
| Junction Temperature | TJ | | | 125 |
| Storage Temperature | TSTG | | | -55 to +125 |

| Item | Symbol | Unit | Conditions | Min | Max |
|-------------------------|--------|------|-------------------|------|-----|
| Forward Voltage | VF | V | IF=1mA | 0.41 | |
| | | | IF=10mA | 0.75 | |
| | | | IF=15mA | 1.00 | |
| Reverse Leakage Current | IR | nA | VR=50V | | 100 |
| | | uA | VR=70V | | 10 |
| Capacitance | C | pF | VR = 0V, f = 1MHz | | 2 |

| Device | Package | Shipping |
|---------|---------|----------------|
| BAS70M9 | SOD-923 | 8000/Tape&Reel |