



# UES1101SM (#16634)

RFQ/Sample

## Ultra Fast Rectifier (less than 100ns)

Package

**Division** [Scottsdale](#)      **Datasheet** (none)  
**Mil-Spec** (none)  
**Shipping** TR7\1500cntTR7      **Qual Data** Contact Microsemi

| Maximum Electrical Rating        | Symbol    | Max | Unit |
|----------------------------------|-----------|-----|------|
| <b>Output Current</b>            | $I_O$     | 2.5 | A    |
| <b>Reverse Voltage</b>           | $V_{rwm}$ | 50  | V    |
| <b>Max Forward Surge Current</b> | $I_{FSM}$ | 35  | A    |

| Electrical Rating  | Symbol   | Min | Typ | Max   | Unit           |
|--|----------|-----|-----|-------|----------------|
| <b>Forward Voltage</b><br>( $I_F=2\text{ A}$ , $T_A=25\text{ °C}$ )              | $V_F$    |     |     | 0.975 | V              |
| <b>Reverse Leakage Current</b><br>( $V_{rwm}=50\text{ V}$ , $T_A=25\text{ °C}$ ) | $I_R$    |     |     | 2     | $\mu\text{ A}$ |
| <b>Reverse Recovery Time</b>   | $t_{rr}$ |     |     | 25    | nsec           |

