

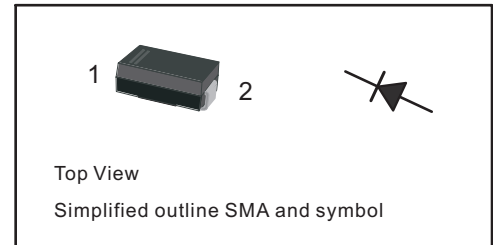
Trench MOS Barrier Schottky

Features

- Low power loss, high efficiency
- High current capability
- low forward voltage drop
- For use in low voltage

PINNING

| PIN | DESCRIPTION |
|-----|-------------|
| 1 | Cathode |
| 2 | Anode |



Maximum Ratings and Electrical characteristics

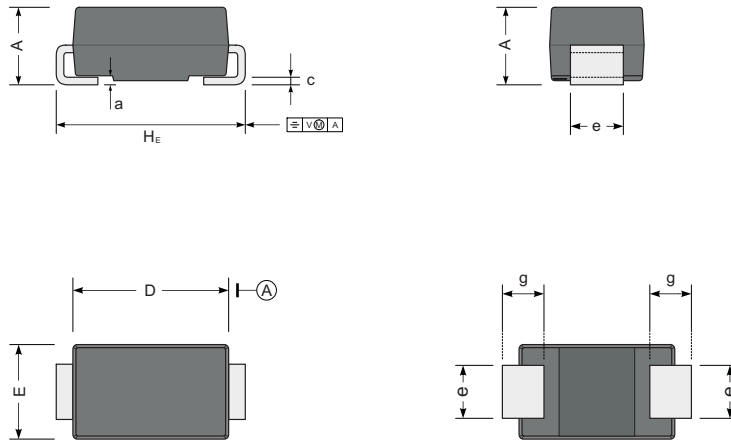
Ratings at 25 °C ambient temperature unless otherwise specified.

| Parameter | Symbol | Spec. Limit | | | Unit |
|---|-------------|-------------|----------------------|------|-------------|
| | | Min. | Typ. | Max. | |
| Max. Repetitive Peak Reverse Voltage @0.5mA | V_{RRM} | 45 | 50 | | V |
| Max. Average Forward Rectified Current | $I_{F(AV)}$ | | | 5 | A |
| Forward Voltage Drop | V_F | | 0.30 0.35 0.42 | 0.46 | V |
| | | | | | |
| Max. Reverse Current at V_{RRM} @45V | I_R | | 50 | 100 | μA |
| Operating Temperature Range | T_J | -55 | | +125 | $^{\circ}C$ |
| Storage Temperature Range | T_{STG} | -55 | | +150 | $^{\circ}C$ |

PACKAGE OUTLINE

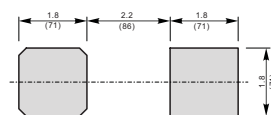
Plastic surface mounted package; 2 leads

SMA



| UNIT | | A | D | E | H _E | c | e | g | a |
|------|-----|-----|-----|-----|----------------|------|-----|-----|-----|
| mm | max | 2.2 | 4.5 | 2.7 | 5.2 | 0.31 | 1.6 | 1.5 | 0.3 |
| | min | 1.9 | 4.0 | 2.3 | 4.7 | 0.15 | 1.3 | 0.9 | |
| mil | max | 87 | 181 | 106 | 205 | 12 | 63 | 59 | 12 |
| | min | 75 | 157 | 91 | 185 | 6 | 51 | 35 | |

The recommended mounting pad size



Unit: $\frac{\text{mm}}{\text{mil}}$

单击下面可查看定价，库存，交付和生命周期等信息

[>>SHIKUES\(时科\)](#)