



Monolithic Schottky Bridge Quad Diodes

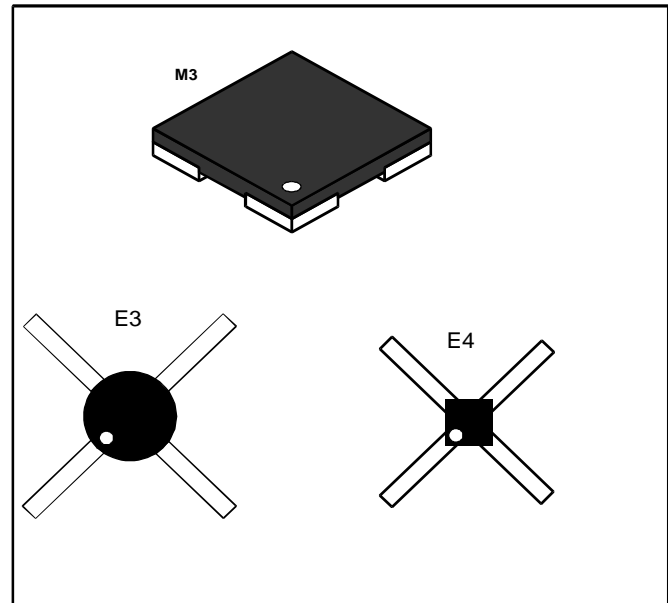
FEATURES

- Low Leakage
- High Breakdown Voltage
- Leadless Quad Package
- Low Inductance
- For Samplers, Mixers,

ENVIRONMENTAL RATINGS

(Maximum)

Operating Temperature. ----- -65°C to +200°C
 Storage Temperature ----- -65°C to +200°C
 Power Dissipation @ 25°C ----- 100mW Derate
 Linearly to zero at 150°C
 Soldering Temperature ----- 230°C for 5 seconds



Electrical Specifications @ 25°C

| PART NUMBER | CASE STYLE | V_F Typ (mV) @ 1 mA | Max C_{TL} @ 0 V (pF) | Typ R_D @ 5 mA (Ohms) | Min V_B @ 10 μ A (Volts) | Max I_R @ 1V (nA) |
|-------------|------------|-----------------------|-------------------------|-------------------------|--------------------------------|---------------------|
| MP2601 | M3 | 290 | 0.15 | 20 | 3 | 100 |
| MP2602 | E4 | 290 | 0.23 | 20 | 3 | 100 |
| MP2603 | E3 | 290 | 0.25 | 20 | 3 | 100 |
| MP2604 | M3 | 420 | 0.15 | 19 | 3 | 80 |
| MP2605 | E4 | 420 | 0.23 | 19 | 3 | 80 |
| MP2606 | E3 | 420 | 0.25 | 19 | 3 | 80 |
| MP2607 | M3 | 520 | 0.15 | 18 | 5 | 50 |
| MP2608 | E4 | 520 | 0.23 | 18 | 5 | 50 |
| MP2609 | E3 | 520 | 0.25 | 18 | 5 | 50 |
| MP2610 | M3 | 620 | 0.15 | 17 | 5 | 30 |
| MP2611 | E4 | 620 | 0.23 | 17 | 5 | 30 |
| MP2612 | E3 | 620 | 0.25 | 17 | 5 | 30 |

Notes:

1. Maximum ΔV_F is equal to 20 mV at 1 mA.
2. Other selections available.

CASE DIMENSIONS (INCHES)

