

Features

- Advanced trench technology
- Low forward voltage drop
- Low power losses
- High efficiency operation
- Lead Free Finish, RoHS Compliant

Applications

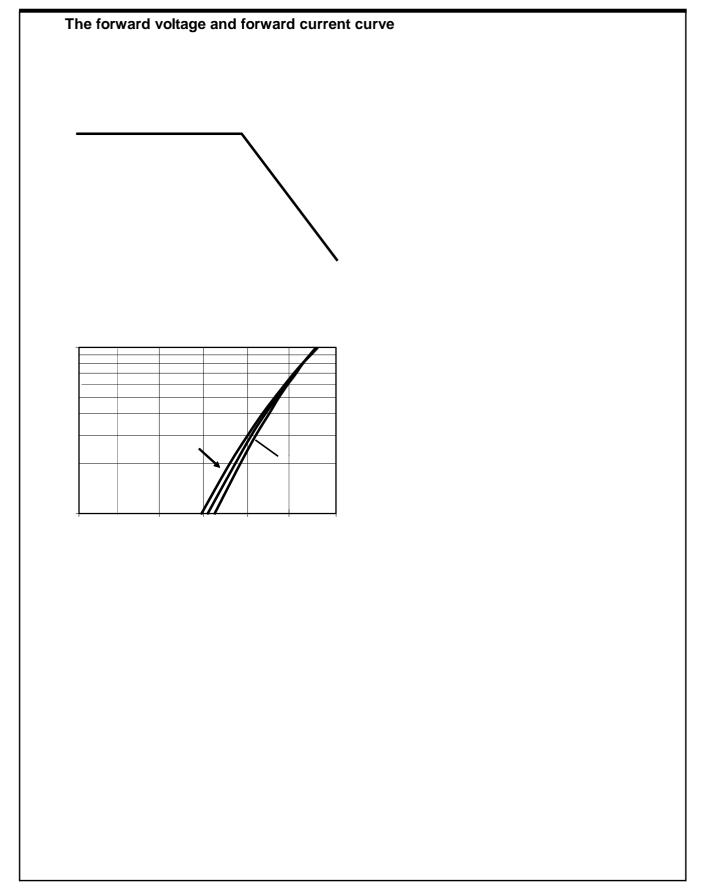
- DC/DC Converters
- AC/DC Adaptors
- Switching Power Supplies
- Freewheeling Diodes

Maximum ratings and electrical characteristics (TJ = 25°C unless otherwise noted)

Notes

(1) Pulse test: 300 μ s pulse width, 1 % duty cycle

(2) Pulse test: Pulse width 0 40 ms



1745125 Å



PACKAGE OUTLINE DIMENSIONS SMP6 0.057 (1.45) 0.073 (1.85) 0.315 (8.00) 0.339 (8.60) 0.305 (7.35) 0.305 (7.75) 0.150 (3.80) 0.165 (4.20) 0.224 (5.70) 0.240 (6.10) 0.010 (0.25) 0.018 (0.45) Mounting Pad Layout 0.189 (4.80) 0.205 (5.20) _ 0.213 (5.40)_ MIN. 0.110 (2.80) 0 0 F 0.228 (5.78) MIN. 0.208 (5.28) 0.224 (5.68) 0.074 (1.89) 0.110 (2.80) 0.126 (3.20) 0.021 (0.53) 0.037 (0.93) 0.041 (1.03) 0.137 (3.48) MIN.

Dimensions in inches and (millimeters)