

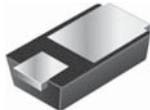
eSMP® Flat Type Surface Mount Packages with Space-Saving Footprints

SMP


(3.8 x 2 x 1) mm

SMPC


(6.7 x 4.8 x 1.1) mm

MicroSMP


(2.5 x 1.3 x 0.65) mm

SYMMETRICAL FLAT TYPES

SMF


(3.7 x 1.8 x 0.98) mm

SlimSMA


(5.2 x 2.6 x 0.95) mm

The Vishay Semiconductors eSMP® flat type surface mount packages enables higher current density and power efficiency with a unique design that promotes better thermal performance and reliability.

FEATURES

**HALOGEN
FREE**
Available

- Space saving miniature packages:
 - SMP (3.8 x 2 x 1) mm
 - SMPC (6.7 x 4.8 x 1.1) mm
 - MicroSMP (2.5 x 1.3 x 0.65) mm
 - SMF (3.7 x 1.8 x 0.98) mm
 - Symmetrical leads
 - Wave and reflow solderable
 - SlimSMA (5.2 x 2.6 x 0.95) mm
 - Symmetrical leads
- Special wide bottom plate design enables better heat dissipation than other packages of similar sizes
- Low device height
- Low thermal resistance
- AEC-Q101 qualified
- Halogen-free version available
- Available for Transient Voltage Suppressors and Schottky, Ultrafast and Standard Rectifiers
- SMF is also available for Zener and ESD Protection Diodes
- Material categorization: For definitions of compliance please see www.vishay.com/doc?99912

APPLICATIONS

- Telecom
- Automotive
- Computer
- Industrial
- Lighting
- DC/DC converters
- Free wheeling
- Mobile consumer electronics
- Solar cell junction box as a bypass diode for protection

	$R_{\theta JM}$
MicroSMP	30 °C/W
SMP	15 °C/W
SMPC	3 °C/W
SMF	25 °C/W
SlimSMA	12 °C/W