



Surface Mount High Efficient Rectifier

Features

- " Low profile package
- " Ideal for automated placement
- " Glass passivated chip junction
- " High forward surge capability
- " Super fast reverse recovery time
- " Meets MSL level 1, per J-STD-020, LF maximum peak of 260 °C

Typical Applications

For use in high frequency rectification of power supplies, inverters, converters, and freewheeling diodes for consumer, and telecommunication.

Mechanical Data

- " Package : SMAF
- Molding compound meets UL 94 V-0 flammability rating, RoHS-compliant, halogen-free
- " Terminals :



H1AF THRU H1MF

vThermal Characteristics $\dot{A}T_a=25$ - Unless otherwise specified \dot{A}

PARAMETER	SYMBOL	UNIT	H1AF	H1BF	H1DF	H1GF	H1JF	H1KF	H1MF
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R

Typical Thermal resistance

H1AF THRU H1MF

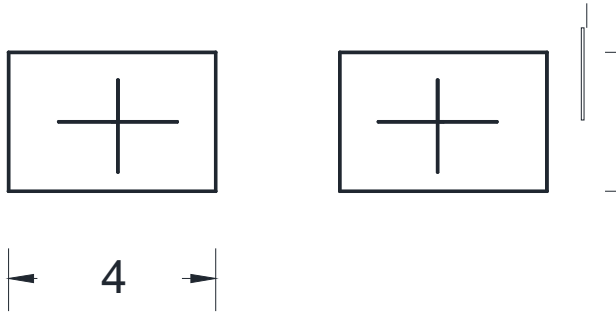
Ordering Information (Example)

PREFERED P/N	PACKING CODE	UNIT WEIGHT(g)	MINIMUM PACKAGE(pcs)
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H1AF THRU H1MF

v Suggested pad layout



SMAF	
Dim	Millimeters
P1	6.50
P2	4.00
P3	1.50
Q1	2.50
Q2	1.70

Dimensions in millimeters



H1AF THRU H1MF

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