

POWER DISCRETES
Description

Quick reference data

PIV = 5KV

$I_F @ 55^\circ\text{C} = 0.6\text{A}$

$I_R = 10\mu\text{A (max.)}$

Features

- ◆ 3 way terminals
- ◆ Insulated Aluminium Mounting
- ◆ For commercial and industrial applications such as power supplies for microwave ovens.
- ◆ Corona free design

Absolute Maximum Ratings

Device Type	Peak Inverse Voltage Per Leg@ 55°C	Average Rectified Current@ 55°C	Maximum Forward Voltage@250MA/Leg@ 25°C	1 Cycle Surge Current @ 55°C	Reverse Current@ PIV@ 25°C	Case Length (A)
	Amps	Amps	Volts	Amps	uAmps	Inches
SDHD5K	5KV	1.2	7	35	10	3.36

Note:

Operating temperature range: -55°C to $+150^\circ\text{C}$.

Storage temperature range: -55°C to $+150^\circ\text{C}$.

POWER DISCRETES

Order Information

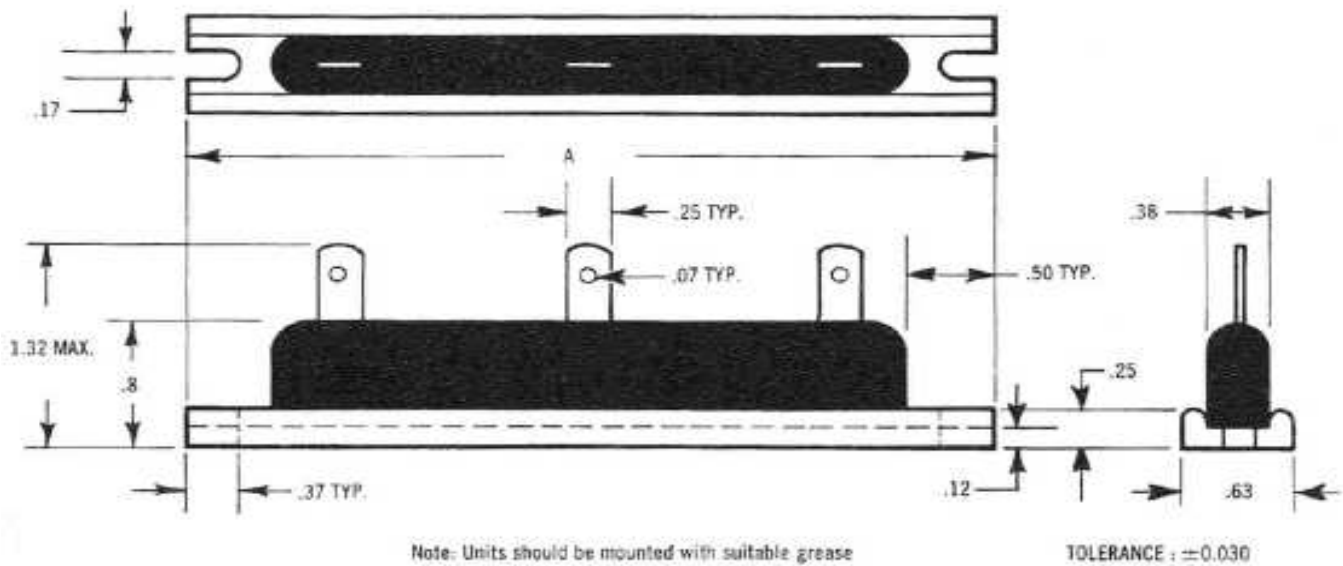
Part Number	Description
SDHD5K	Rectifier Assembly ⁽¹⁾

Electrical specifications @ T_A = 25°C unless otherwise specified.

Note:

(1) Available in boxed packaging. Please consult factory for quantities.

Outline Drawing



Contact Information

Semtech Corporation
 Power Discrettes Products Division
 200 Flynn Road, Camarillo, CA 93012
 Phone: (805)498-2111 FAX (805)498-3804