

RoHS 
Compliant



*Product images are for illustrative purposes only and may vary from actual design.

■ Features

- Power Rating 5W
- Wide Input voltage range (2:1)
- Efficiency is 80%(Typical)
- Switch frequency: 300KHz
- Output over-current protection, short circuit protection
- Input Over-voltage protection
- Input-output isolated
- Control and trim functions
- 5-year warranty

Part Number Scheme

SP DC V 005 -006 -1 XXX 1

SP=Switching power supply

DC=DC/DC

V=Manufacturing location

005=Output Power(Watts)

1=Single Output
2=Dual Output
3=Triple Output

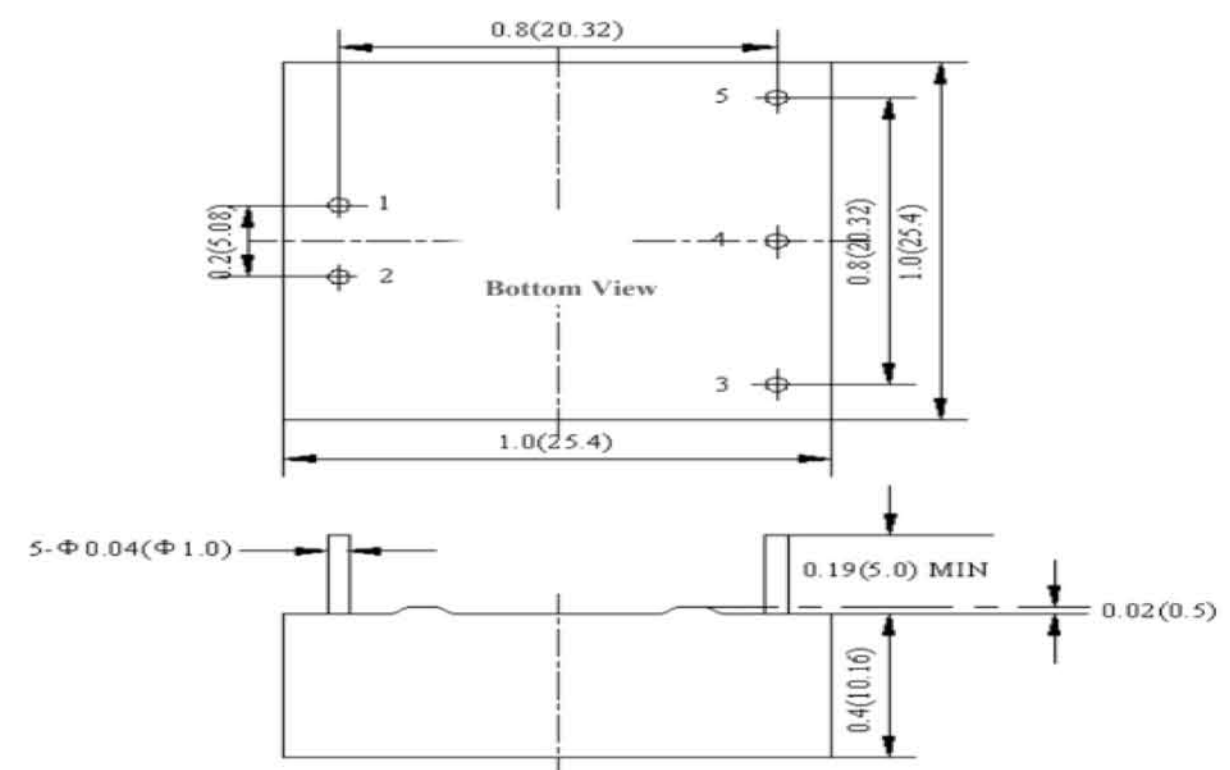
XXX=Output Voltage
Ex.) 025=2.5V
480=48V

1=Single Input

006=Nominal Input
Voltage

■ Mechanical Diagram

Unit: inch(mm)



■ Model List*(See part number scheme for model number details)

Model Number	Input Voltage Range	Output Power	Output Voltage	Output Current Min.	Output Current Max.	Efficiency
SPDCV005-012-10331	12V(9-18V)	5W	3.3V	1200mA	1200mA	80%
SPDCV005-012-10501	12V(9-18V)	5W	5V	1000mA	1000mA	80%
SPDCV005-012-11201	12V(9-18V)	5W	12V	420mA	420mA	80%
SPDCV005-012-11501	12V(9-18V)	5W	15V	330mA	330mA	80%
SPDCV005-012-12401	12V(9-18V)	5W	24V	210mA	210mA	80%

Applications:

- DC to DC half brick unit
- industrial grade
- can be modified or customized

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