

# S24SP Series

## FEATURES

### Electrical

- Efficiency up to 93.7%
- Industry standard footprint and pinout
- Wide 4:1 input range
- OTP, input UVLO, output OCP, OVP
- Remote ON/OFF
- Without tantalum capacitor inside module



### Safety & Certificate

- IEC/EN/UL/CSA 62368-1
- IEC/EN/UL/CSA 60950-1
- Meet EN50155

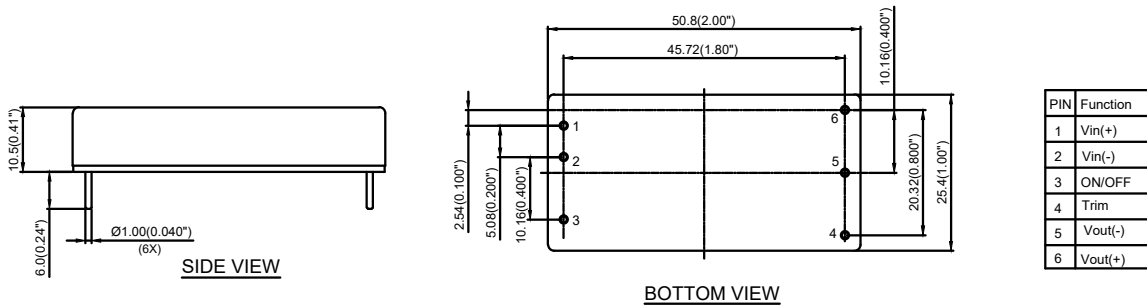
2" x 1"

4:1 input

## SPECIFICATIONS

Part Number	Input Voltage	Output Voltage	Vo trim range	Output Current	Output Power	Efficiency	Isolation Voltage	Size (LxWxH)
S24SP05008	9~36V	5V	4.5~5.5V	8A	40W	92.80%	1500V	50.8 x 25.4 x 10.5 mm
S24SP05012	9~36V	5V	4.5~5.5V	12A	60W	92.40%	1500V	50.8 x 25.4 x 10.5 mm
S24SP12004	9~36V	12V	10.8~13.2V	3.5A	40W	92.80%	1500V	50.8 x 25.4 x 10.5 mm
S24SP12005	9~36V	12V	10.8~13.2V	5A	60W	92.80%	1500V	50.8 x 25.4 x 10.5 mm
S24SP15003	9~36V	15V	13.5~16.5V	2.7A	40W	93.70%	1500V	50.8 x 25.4 x 10.5 mm
S24SP15004	9~36V	15V	13.5~16.5V	4A	60W	93.30%	1500V	50.8 x 25.4 x 10.5 mm
S24SP24002	9~36V	24V	21.6~26.4V	1.7A	40W	92.50%	1500V	50.8 x 25.4 x 10.5 mm
S24SP24003	9~36V	24V	21.6~26.4V	2.5A	60W	93.30%	1500V	50.8 x 25.4 x 10.5 mm

## MECHANICAL DRAWING



## PART NUMBERING SYSTEM

S	24	S	P	050	12	P	D	F	A
Form Factor	Input Voltage	Number of Outputs	Product Series	Output Voltage	Output Current	ON/OFF Logic	Pin Length	RoHS	Option Code
S - Small Power	24 - 9~36V	S - Single	P - Family Name	050 - 5V 120 - 12V 150 - 15V 240 - 24V	08 - 8A 12 - 12A 04 - 3.5A 05 - 5A 03 - 2.7A 04 - 4A 02 - 1.7A 03 - 2.5A	N - Negative P - Positive	R - 0.17" T - 0.22" D - 0.24"	F - RoHS 6/6 (Lead Free)	A - Standard (with metal case) H - With metal case and heat sink

Isolated DC-DC Encapsulated Power Module