



**INDUSTRIAL  
 DC/DC Converters**

**1Watt**

Unregulated  
 Single output  
 Case style: SIP 4

Unregulated

Series: S4U

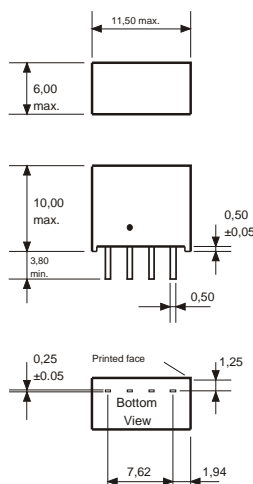
Electrical specifications:

Input voltage accuracy:	+/- 10%	Efficiency:	65% min.
Output voltage accuracy:	+/- 5% @ 50% Load	Output Ripple & Noise:	typ. 150mV
Line regulation of Vin:	+/- 1% / +/- 1%	Short circuit protection:	none
Load regulation:	+/- 10%	Isolation voltage:	min. 1000V DC
Ambient temperature:	-25°C up to 71°C	Output voltage: @ zero Load; approx. 10% above nominal	
Operating temperature max.:	+ 95°C		
	no derating required	Optional: Part-Nr. /5	0,5 W output power

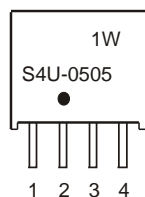
Part - No. DC	Input Voltage DC	Output Voltage DC	Output current mA
S4U-0303	3V	3V	333mA
S4U-0503 S4U-0505 S4U-0509 S4U-0512 S4U-0515	5V	3V 5V 9V 12V 15V	333mA 200mA 110mA 83mA 66mA
S4U-1203 S4U-1205 S4U-1209 S4U-1212 S4U-1215	12V	3V 5V 9V 12V 15V	333mA 200mA 110mA 83mA 66mA
S4U-1503 S4U-1505 S4U-1509 S4U-1512 S4U-1515	15V	3V 5V 9V 12V 15V	333mA 200mA 110mA 83mA 66mA
S4U-2403 S4U-2405 S4U-2409 S4U-2412 S4U-2415	24V	3V 5V 9V 12V 15V	333mA 200mA 110mA 83mA 66mA

Additional output Capacitor of 4,7µF will reduce ripple significantly, but is not demanded.

Any other output voltages available



PIN CONNECTION:



ALL DIMENSIONS IN MM  
 MILLIMETERS +/-0,25mm  
 All pins on a 2,54mm pitch  
 Dot denotes +IN

CAUTION: NO INPUT POLARITY  
 CHANGE ALLOWED

Input capacitor 4,7µF - 10µF is a must.

- 1 = GND
- 2 = Vcc
- 3 = 0V
- 4 = +Vout