



COMMERCIAL
DC/DC Converters

Unregulated
 Case Style: SIP 7

1Watt / 2 Watt

Series: S7U

Electrical specifications:

Input voltage accuracy: +/- 10%
 Output voltage accuracy: +/- 10%
 Line regulation of Vin: +/- 1% / +/-1%
 Load regulation: +/- 10%
 Efficiency: min. 70%
 Output Ripple & Noise: 1W; typ. 50mVp-p
 2W; typ. 150mVp-p

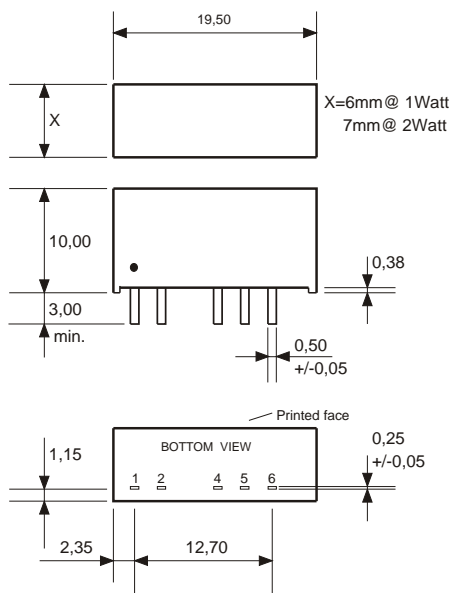
Short circuit protection: 1,0 second
 Temperature: -25°C to +85°C
 Isolation voltage: min. 1000V DC
 Isolation optional (Part-Nr. /H): min. 2kV DC at 1Watt Series

Part-Nr. /5 0,50W output power
 Part-Nr. /7 0,75W output power

Single Output					Dual Output				
Part-No.	Input Voltage	Output Voltage	Output current	Output current	Part-No.	Input Voltage	Output Voltage	Output current	Output current
S7U-0505	5V	5V	200mA	400mA	S7U-0505D	5V	5V	+/-100mA	+/-200mA
S7U-0512		12V	83mA	166mA	S7U-0512D		12V	+/- 41mA	+/- 83mA
S7U-0515		15V	66mA	132mA	S7U-0515D		15V	+/- 33mA	+/- 66mA
S7U-1205	12V	5V	200mA	400mA	S7U-1205D	12V	5V	+/-100mA	+/-200mA
S7U-1212		12V	83mA	166mA	S7U-1212D		12V	+/- 41mA	+/- 83mA
S7U-1215		15V	66mA	132mA	S7U-1215D		15V	+/- 33mA	+/- 66mA
S7U-1505	15V	5V	200mA	400mA	S7U-1505D	15V	5V	+/-100mA	+/-200mA
S7U-1512		12V	83mA	166mA	S7U-1512D		12V	+/- 41mA	+/- 83mA
S7U-1515		15V	66mA	132mA	S7U-1515D		15V	+/- 33mA	+/- 66mA
S7U-2405	24V	5V	200mA	400mA	S7U-2405D	24V	5V	+/-100mA	+/-200mA
S7U-2412		12V	83mA	166mA	S7U-2412D		12V	+/- 41mA	+/- 83mA
S7U-2415		15V	66mA	132mA	S7U-2415D		15V	+/- 33mA	+/- 66mA
S7U-2424		24V	41mA						

Any other output voltages available

* Add "A" to the end of Partnumber.
 For example S7U-0505A 1Watt



PIN CONNECTION			
PIN	SINGLE	SINGLE A*	DUAL
1	VCC	VCC	VCC
2	GND	GND	GND
4	NC	-Vout	-Vout
5	-Vout	NP	COM
6	+Vout	+Vout	+Vout

ALL DIMENSIONS IN MM
 Tolerance +/- 0,25mm
 All pins on a 2,54mm pitch
 NC = No connection, NP = No pin

NOTE: Input and output capacitor
 4,7µF - 10µF recommended.
 Dot denotes pin 1
 2 Watt version less stressable
 than 1 Watt Version

CAUTION: NO INPUT POLARITY CHANGE ALLOWED!