



COMMERCIAL
DC/DC Converters

1Watt / 2 Watt

Series: S7U

Unregulated
 Case Style: SIP 7

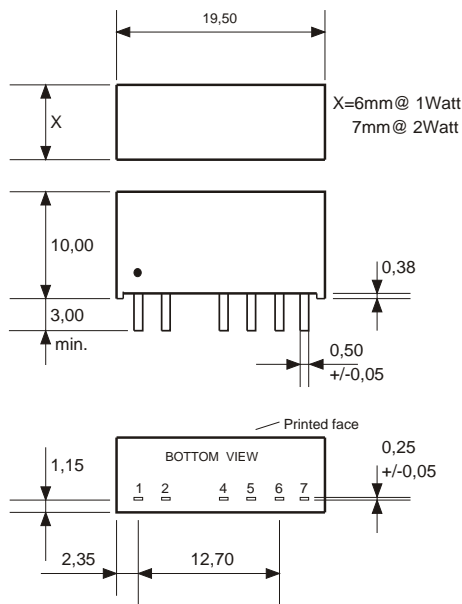
Isolated outputs

Electrical specifications:

Input voltage accuracy:	+/- 10%
Output voltage accuracy:	+/- 10%
Line regulation of Vin:	+/- 1% / +/-1%
Load regulation:	+/- 10%
Efficiency:	min. 60%
Output Ripple & Noise:	1W; typ. 100mVp-p 2W; typ. 150mVp-p
Short circuit protection:	1,0 second
Operating temperature:	-25°C to +85°C
Isolation voltage:	min.1000V DC

Part-No. Dual output	Input Voltage	Output voltage DC	1 Watt	2 Watt
			Output current	Output current
S7U-050505 S7U-051212 S7U-051515	5V	5V	100mA / 100mA	200mA / 200mA
		12V	41mA / 41mA	83mA / 83mA
		15V	33mA / 33mA	66mA / 66mA
S7U-120505 S7U-121212 S7U-121515	12V	5V	100mA / 100mA	200mA / 200mA
		12V	41mA / 41mA	83mA / 83mA
		15V	33mA / 33mA	66mA / 66mA
S7U-150505 S7U-151212 S7U-151515	15V	5V	100mA / 100mA	200mA / 200mA
		12V	41mA / 41mA	83mA / 83mA
		15V	33mA / 33mA	66mA / 66mA
S7U-240505 S7U-241212 S7U-241515	24V	5V	100mA / 100mA	200mA / 200mA
		12V	41mA / 41mA	83mA / 83mA
		15V	33mA / 33mA	66mA / 66mA

Any other output voltages available



PIN CONNECTION	
PIN	SINGLE
1	VCC
2	GND
3	NP
4	+ OUT 1
5	- OUT 1
6	+ OUT 2
7	- OUT 2

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

CAUTION: NO INPUT POLARITY CHANGE ALLOWED !