



COMMERCIAL
DC/DC Converters

1Watt

Unregulated
 Case Style: SIP 7

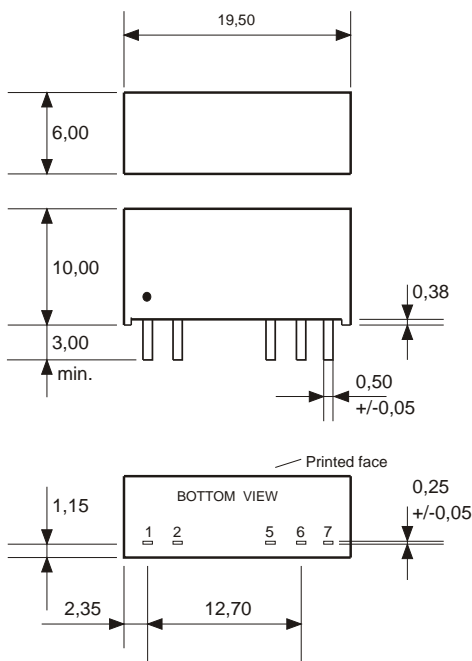
Series: S7U-xyxyB/H

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:	typ. 50mVp-p
Short circuit protection:	1,0 second
Operating temperature:	-25°C to +85°C
Isolation voltage:	min. 3000V DC

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

Any other output voltages available



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 !

PIN CONNECTION		
PIN	SINGLE	DUAL
1	VCC	VCC
2	GND	GND
3	NP	NP
4	NP	NP
5	-Vout	-Vout
6	NP	COM
7	+Vout	+Vout