

Unregulated  
 Case Style: SIP 6

## COMMERCIAL DC/DC Converters

1 Watt  
 Series: S6UM

### Electrical specifications:

Input Voltage range: +/- 10%  
 Line Voltage regulation: +/- 5% \*\*  
 Load Voltage regulation: +/- 1,2% / 1% of Vin max.  
 (10% to 100% full load) 5V output type 15% max.  
 9V ~ 24V output types 10% max.

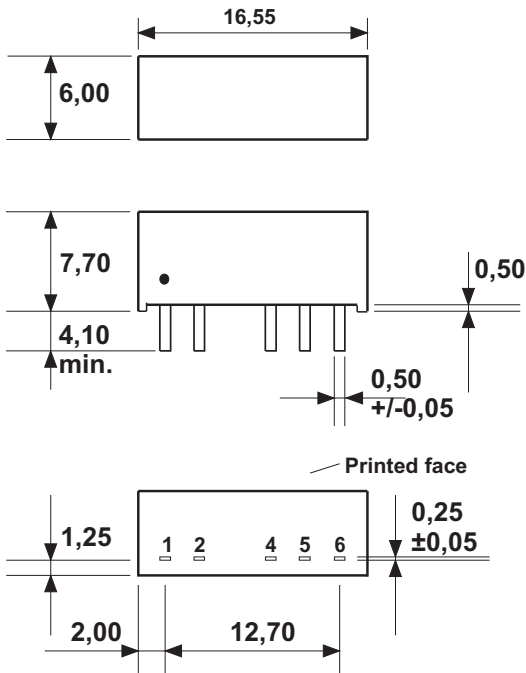
Efficiency: 70% min.  
 Output Ripple & Noise: 100mVp-p max.  
 Operating temperature: -40°C to +85°C  
 Isolation voltage: min. 3000V DC

CAUTION NO INPUT POLARITY CHANGE ALLOWED!

\*\* Note: Measured @25°C with the condition of Vin = nominal and full load

Single Output				Dual Output			
Part - No.	Input Voltage	Output Voltage	Output current	Part - No.	Input Voltage	Output Voltage	Output current
S6UM-0503,3	5V	3,3V	303mA	S6UM-0505D	5V	± 5V	±100mA
S6UM-0505		5V	200mA	S6UM-0512D		±12V	± 42mA
S6UM-0512		12V	83mA	S6UM-0515D		±15V	± 33mA
S6UM-0515		15V	67mA				
S6UM-1203,3	12V	3,3V	303mA	S6UM-1205D	12V	± 5V	±100mA
S6UM-1205		5V	200mA	S6UM-1212D		±12V	± 42mA
S6UM-1212		12V	83mA	S6UM-1215D		±15V	± 33mA
S6UM-1215		15V	67mA				
S6UM-1503,3	15V	3,3V	303mA	S6UM-1505D	15V	± 5V	±100mA
S6UM-1505		5V	200mA	S6UM-1512D		±12V	± 42mA
S6UM-1512		12V	83mA	S6UM-1515D		±15V	± 33mA
S6UM-1515		15V	67mA				
S6UM-2403,3	24V	3,3V	303mA	S6UM-2405D	24V	± 5V	±100mA
S6UM-2405		5V	200mA	S6UM-2412D		±12V	± 42mA
S6UM-2412		12V	83mA	S6UM-2415D		±15V	± 33mA
S6UM-2415		15V	67mA				

**Any other input & output voltage available !**



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

Input capacitor 4,7µF - 10µF recommended

MILLIMETERS XXXX +/- 0,25  
 All pins on a 2,54mm pitch  
 Note: NP = No pin; NC = No connection;  
 Dot denote pin 1

Specification may be changed without notice  
 please contact office for verification

We can offer EMC - Filter  
 according to EN55011/22 Class B.