

Unregulated  
Case Style: SIP 6

## COMMERCIAL-INDUSTRIAL DC/DC Converters

1 Watt  
Series: S6UM

### Electrical specifications: \*

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

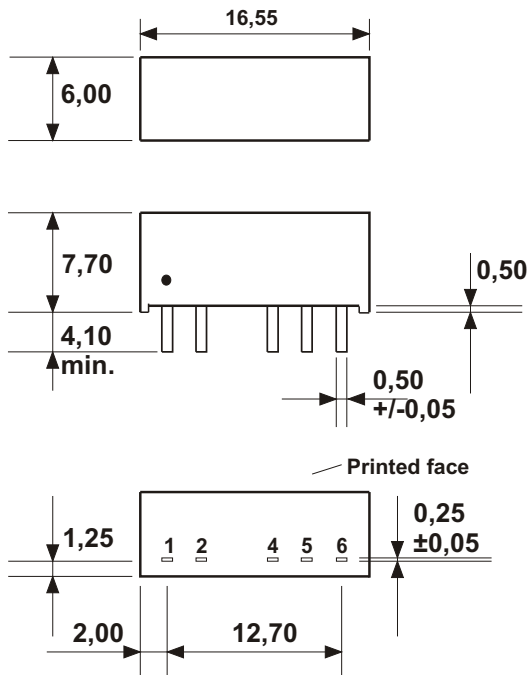
Efficiency: up to 85%  
Short circuit protection: 1,0 second  
optional part no.: /S continuous  
Output Ripple & Noise: 100mVp-p max.  
Operating temperature: -40°C to +85°C  
Isolation voltage: min. 3000V DC

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.