



INDUSTRIAL
DC/DC Converters
SHORT CIRCUIT PROOF

1Watt

Unregulated
 Single output
 Case style: SIP 4

Series: FS4U

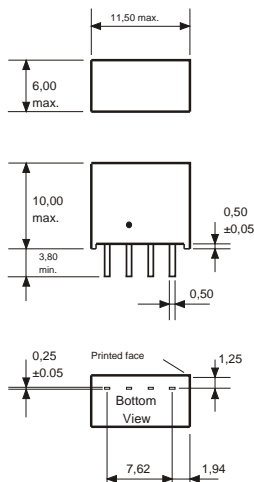
Electrical specifications:

Input voltage accuracy:	+/- 10%	Efficiency:	65% min.
Output voltage accuracy:	+/- 5% @ 50% Load	Output Ripple & Noise:	typ. 150mV
Line regulation of Vin:	+/- 1% / +/- 1%	Short circuit protection:	continuous
Load regulation:	+/- 10%	Isolation voltage:	min. 1500V AC rms
Ambient temperature:	-25°C up to 71°C	Output voltage: @ zero Load; approx. 15% above nominal	
Operating temperature max.:	+ 95°C		
	no derating required		

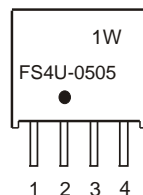
Part - No. DC	Input Voltage DC	Output Voltage DC	Output current mA
FS4U-0505	5V	5V	200mA
FS4U-0509		9V	110mA
FS4U-0512		12V	83mA
FS4U-0515		15V	66mA
FS4U-1205	12V	5V	200mA
FS4U-1209		9V	110mA
FS4U-1212		12V	83mA
FS4U-1215		15V	66mA
FS4U-1505	15V	5V	200mA
FS4U-1509		9V	110mA
FS4U-1512		12V	83mA
FS4U-1515		15V	66mA

Additional output Capacitor of 4,7µF will reduce ripple significantly, but is not demanded.

Any other output voltages available



PIN CONNECTION:



- 1 = GND
- 2 = Vcc
- 3 = 0V
- 4 = +Vout

ALL DIMENSIONS IN MM
 MILLIMETERS +/-0,25mm
 All pins on a 2,54mm pitch
 Dot denotes +IN

CAUTION: NO INPUT POLARITY
 CHANGE ALLOWED

Input capacitor 4,7µF - 10µF is a must.