

Unregulated
Single output
Case style: SIP 4

COMMERCIAL - INDUSTRIAL DC/DC Converters Unregulated

1 Watt
Series: SL4UM

Electrical specifications:

Input voltage range: +/- 10%
Output voltage accuracy: +/- 5% **
Line Voltage regulation: +/- 1,2% / 1% of Vin max.
Load Voltage regulation: 3,3V output type 20% max.
(10% to 100% full load) 5V output type 15% max.
9V ~ 24V output types 10% max.

Operating temperature: -40°C up to +85°C
Efficiency: up to 85%
Output Ripple & Noise: max. 100mVp-p
Short circuit protection: 1,0 second
Isolation voltage: min. 1000V DC
Part No.: /H2 min. 2000V DC

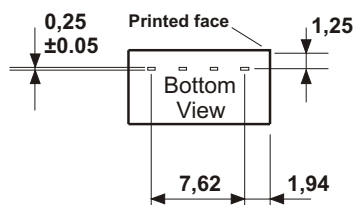
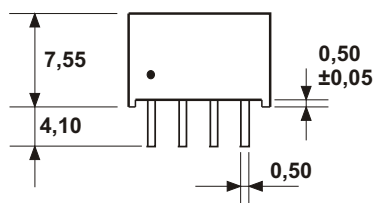
CAUTION: NO INPUT POLARITY CHANGE ALLOWED!

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

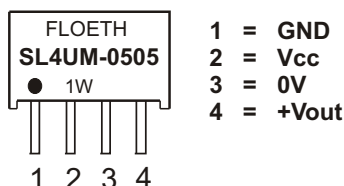
Model Number single	Input Voltage DC	Output Voltage DC	Output current 1 Watt
SL4UM-0503,3 SL4UM-0505 SL4UM-0509 SL4UM-0512 SL4UM-0515	5V	3,3V 5,0V 9,0V 12,0V 15,0V	303mA 200mA 110mA 83mA 66mA
SL4UM-1203,3 SL4UM-1205 SL4UM-1209 SL4UM-1212 SL4UM-1215	12V	3,3V 5,0V 9,0V 12,0V 15,0V	303mA 200mA 110mA 83mA 66mA
SL4UM-1503,3 SL4UM-1505 SL4UM-1509 SL4UM-1512 SL4UM-1515	15V	3,3V 5,0V 9,0V 12,0V 15,0V	303mA 200mA 110mA 83mA 66mA
SL4UM-2403,3 SL4UM-2405 SL4UM-2409 SL4UM-2412 SL4UM-2415	24V	3,3V 5,0V 9,0V 12,0V 15,0V	303mA 200mA 110mA 83mA 66mA

The input voltage can be increased by the value of the selected output voltage in boost operation (see Application Note C43, page 149).

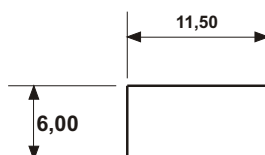
Any other input & output voltage available !



PIN CONNECTION:



Additional output Capacitor of 4,7µF
will reduce ripple significantly,
but is not demanded.
Input capacitor 4,7µF - 10µF recommended.



ALL DIMENSIONS IN MM
Tolerance +/-0,25
All pins on a 2,54mm pitch
Dot denotes Pin 1

Specification may be changed without notice
please contact office for verification

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