

Regulated
 Case Style: SIP 12

COMMERCIAL DC/DC Converters

Stand: 22/01

1,0 - 1,8 Watt
 Series: S12R

Electrical specifications:

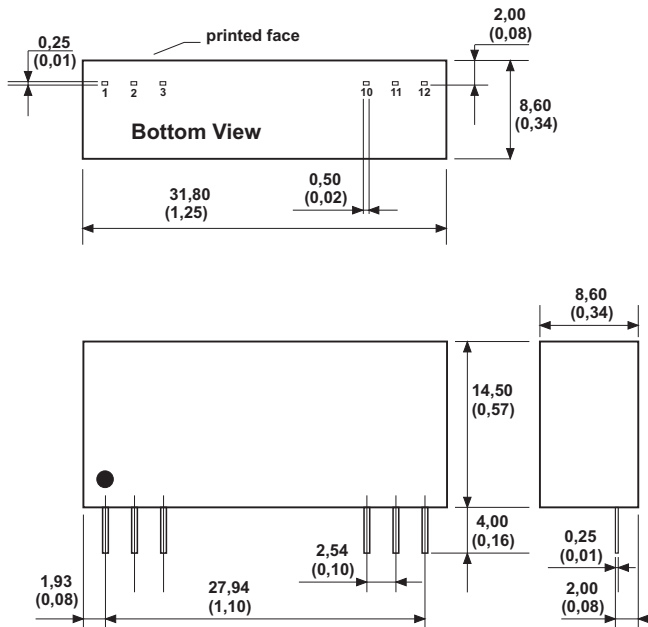
Input voltage range: +/-10%
 Output voltage accuracy: +/- 5%
 Line regulation: +/- 0,5%
 Load regulation : +/- 0,5%
 Ripple & Noise @ 20MHz BW: max. 50mVp-p

Operating temperature: -25°C to +70°C
 Storage temperature: -55°C to +125°C
 Isolation voltage: min. 500V DC
 Efficiency: min. 50%
 Operating frequency: min. 20kHz
 Short Circuit Protection: 1,0 second
 optional /S: continuous
 (only single-output)

CAUTION: NO INPUT POLARITY CHANGE ALLOWED!

Part No.: Single	Input Voltage	Output Voltage	Output Voltage	Efficiency %	Part No.: Dual	Input Voltage	Output Voltage	Output Voltage	Efficiency %
S12R-0505	5V	5V	360mA	55	S12R-0505D	5V	+/- 5V	+/-100mA	52
S12R-0509		9V	200mA	58	S12R-0509D		+/- 9V	+/-100mA	55
S12R-0512		12V	150mA	62	S12R-0512D		+/-12V	+/- 75mA	58
S12R-0515		15V	120mA	65	S12R-0515D		+/-15V	+/- 60mA	60
S12R-1205	12V	5V	360mA	55	S12R-1205D	12V	+/- 5V	+/-100mA	52
S12R-1209		9V	200mA	58	S12R-1209D		+/- 9V	+/-100mA	55
S12R-1212		12V	150mA	62	S12R-1212D		+/-12V	+/- 75mA	58
S12R-1215		15V	120mA	65	S12R-1215D		+/-15V	+/- 60mA	60

Any other in & output voltages available.



PIN CONNECTION		
PIN	Single	Dual
1	+ IN	+ IN
2	NP	- Vout
3	NP	COM
10	- Vout	COM
11	+ Vout	+ Vout
12	- IN	- IN

ALL DIMENSIONS IN MM (INCHES)
 MILLIMETERS +/- 0,50mm
 (INCHES +/- 0,02")
 All pins on a 2,54mm pitch
 Note: 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.