



COMMERCIAL
DC/DC Converters

0,5Watt

Regulated
 Single output
 SMD Case: SO18 package

Series: SDR18

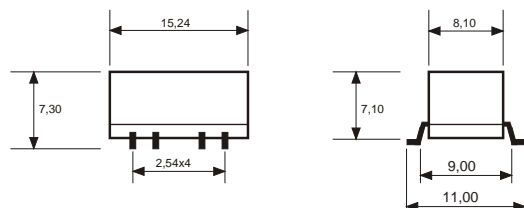
Electrical specifications:

Input voltage accuracy:	+/- 5%	Efficiency at full load:	min. 50%
Input filter:	capacitor	Isolation voltage:	min. 1000V DC
Output voltage accuracy:	+/- 5%	Short circuit protection:	1.0 second
Line regulation:	max. 1.0%	Operating temp. range:	-25°C to +70°C
Load regulation:	max. 1.0%	Storage temp. range:	-55°C to +125°C
Ripple/Noise @20MHz BW:	max. 50mV pp		

Note: Measured conditions Ta=25°C, Vin = nominal, full load.

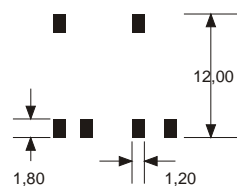
Part - No.	Input Voltage DC	Output Voltage DC	Output Current	Efficiency %
SDR18-0505	5V	5V	100mA	52
SDR18-0509		9V	55mA	55
SDR18-0512		12V	42mA	58
SDR18-0515		15V	33mA	60
SDR18-1205	12V	5V	100mA	52
SDR18-1209		9V	55mA	55
SDR18-1212		12V	42mA	58
SDR18-1215		15V	33mA	60

Mechanical Specifications:



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

Footprint:



CAUTION: NO INPUT POLARITY CHANGE ALLOWED!

PIN CONNECTION:

