



**COMMERCIAL**  
**DC/DC Converters**

1Watt

Unregulated  
 Single output  
 SMD Case: SO14 package

Series: SD14

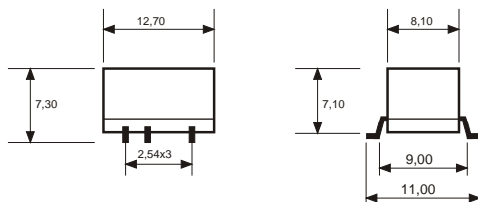
Electrical specifications:

Input voltage accuracy:	+/- 10%	Ripple/Noise @20MHz BW:	max. 100mV pp
Input filter:	capacitor	Efficiency at full load:	min. 70%
Output voltage accuracy:	+/- 5%	Isolation voltage:	min.1000V DC
Line regulation:	1,2% / 1% of Vin	Short circuit protection:	1.0 second
Load regulation:	(10% to 100% load)	Operating temp. range:	-25°C to +85°C
5V Output Type:	max. 15%	Storage temp. range:	-55°C to +125°C
9V, 12V and 15V output Types:	max. 10%		

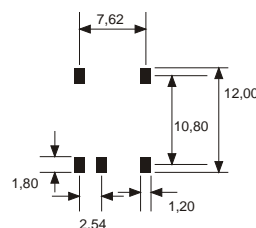
Note: Measured conditions Ta=25°C: Vin = nominal, full load.

Part - No.	Input Voltage DC	Output Voltage DC	Output Current	Efficiency %
SD14-0505	5V	5V	200mA	70
SD14-0509		9V	111mA	78
SD14-0512		12V	84mA	80
SD14-0515		15V	66mA	82
SD14-1205	12V	5V	200mA	70
SD14-1209		9V	111mA	75
SD14-1212		12V	84mA	80
SD14-1215		15V	66mA	82

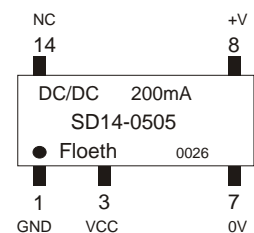
Mechanical Specifications:



Footprint:



PIN CONNECTION:



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

CAUTION: NO INPUT POLARITY CHANGE ALLOWED!