

Features

- 0.014WATT SIP PACKAGE
- EFFICIENCY TO 70%
- 100% BURNED IN
- UL 94V-0 PACKAGE MATERIAL
- CUSTOM SOLUTIONS AVAILABLE
- PI INPUT FILTER
- UNREGULATED OUTPUT TYPES



**0.014 Watt DC/DC
Converter**

0.014 Watt Single O/P
Isolated DC-DC Converter

Input Specifications

Input Voltage	:5Vdc
Input Voltage Range	:± 10%
Input Current(No Load)	:0.4mA MAX
Input Current(Full Load)	:4.0mA TYP

Output Specifications

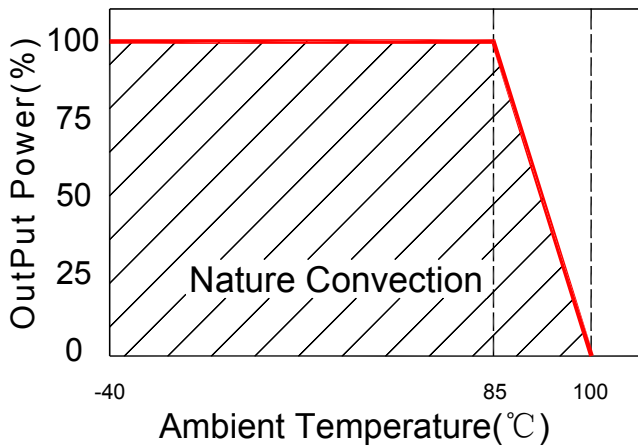
Output Voltage	:5Vdc	
Output Voltage Accuracy	:± 5%	@Vout=4.75~5.25Vdc@Vin=5Vdc
Output Current	:2.8mA	
Efficiency	:70% TYP	
Ripple / Noise	:100mVp-p MAX	@20MHz Bandwidth
Short Circuit Protection	:Short team	
Line Regulation	:± 1.2% TYP	@For 1.0% OF Vin
Load Regulation	:± 5% MAX	@20% to 100% full load

General Specifications

Operating Temperature Range	: -40°C ~ +85°C	
Storage Temperature	: -40°C ~ +100°C	
Switching Frequency	: 100KHz TYP	
Humidity	: 95% MAX	
Isolation Voltage	: 1000Vdc	@Input to Output (2sec/0.5mA)
Isolation Resistance	: 1000MΩ MIN	@ 500Vdc
Cooling	: Free air convection	
MTBF	: >3500000 Hours	MIL-HDBK-217F@25°C, Ground Benign.
Case Material	: DAP	
Weight	: 1.5g TYP	

Temperature Derating Graph

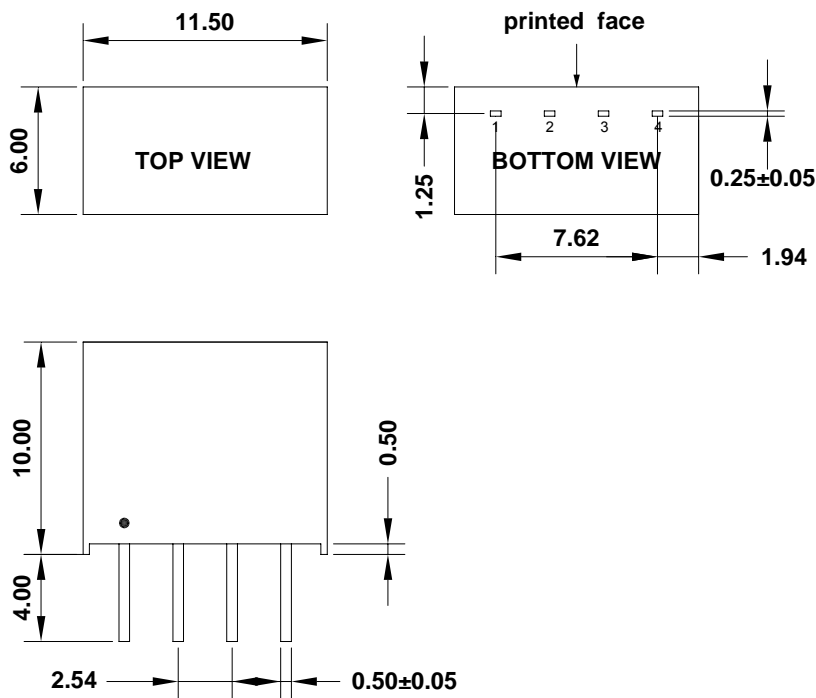
Part Number



11D - 05 S 05 N A NL
 A B C D E F G

A:Series
 B:Input Voltage
 C:Single Output
 D:Output Voltage
 E:Unregulated(N)
 F:Types
 G:RoHS Version

Outline Dimensions



UNIT:mm Unless otherwise specified,all tolerances are ±0.25

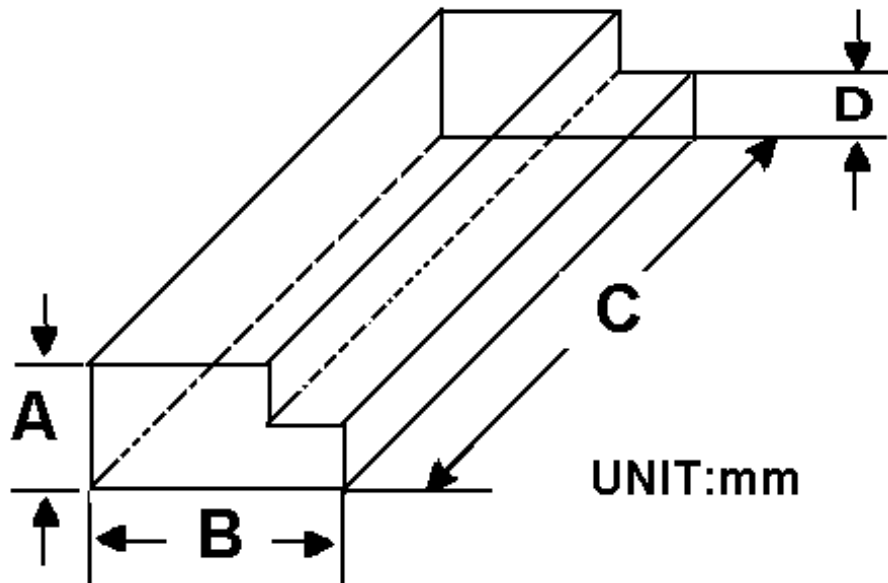
PIN	1	2	3	4
Single	-Vin	+Vin	-Vout	+Vout

Packing Information:

Weight----- 1.5grams/pcs

TUBE-----42pcs

Weight: 83.2g per tube



Size(mm)			
A	B	C	D
9.50	16.50	522	5.00

Outer carton unit: 4200pcs/100Tube/box

Weight: 9.0kg per carton

