



# H SERIES

## 6000VDC SINGLE AND DUAL OUTPUT DC 1 WATT DC-DC CONVERTER

### FEATURES

- 7 PIN SIP PACKAGE.
- 6000VDC ISOLATION.
- UNREGULATED OUTPUT TYPES.
- UL 94V-0 PACKAGE MATERIAL.

### GENERAL SPECIFICATIONS

- OUTPUT RIPPLE(20MHz Band limited) : 150mVp-p MAX
- ISOLATION RESISTANCE : 1000M $\Omega$  MIN @500VDC
- SWITCHING FREQUENCY : 100KHz TYP.
- OPERATING TEMPERATURE : 0 $^{\circ}$ C TO 70 $^{\circ}$ C
- EFFICIENCY : 70% TYP
- ISOLATION VOLTAGE : 6000 VDC

### ELECTRICAL SPECIFICATIONS

- INPUT VOLTAGE RANGE :  $\pm 5\%$
- OUTPUT VOLTAGE TOLERANCE :  $\pm 5\%$
- LINE REGULATION(10% TO 100% F.L.) : 1.2%/1% OF Vin
- LOAD REGULATION(10% TO 100% F.L.) : 15% MAX  
5V OUTPUT TYPES  
9V,12V AND 15V OUTPUT TYPES : 10% MAX

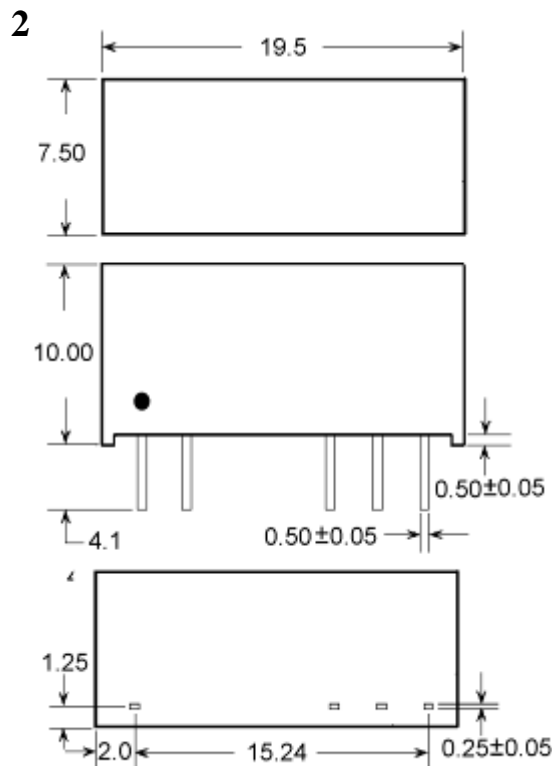
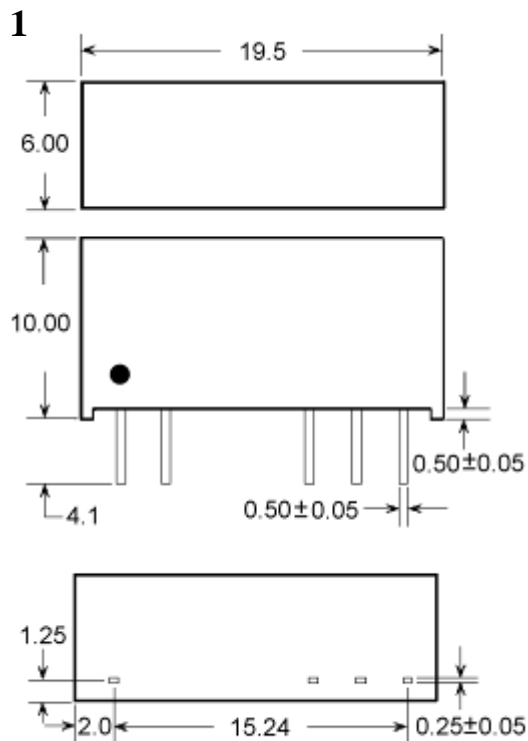
#### 5V,12V AND 24V INPUT TYPES

PART NUMBER	OUTPUT VOLTAGE (VDC)	OUTPUT CURRENT (mA)	EFFICIENCY (% TYP.)	PACKAGE STYLE
HXX05S-1W	5	200	70	1
HXX09S-1W	9	112	75	1
HXX12S-1W	12	84	75	1
HXX15S-1W	15	67	75	1

#### 48V INPUT TYPES

PART NUMBER	OUTPUT VOLTAGE (VDC)	OUTPUT CURRENT (mA)	EFFICIENCY (% TYP.)	PACKAGE STYLE
H4805S-1W	5	200	70	2
H4809S-1W	9	112	75	2
H4812S-1W	12	84	75	2
H4815S-1W	15	67	75	2

### MARKINGS AND DIMENSIONS



### PIN CONNECTION

PIN	SINGLE
1	+INPUT
2	-INPUT
5	-OUTPUT
6	NO PIN
7	+OUTPUT

Dimensions: inches/mm  
Unless otherwise specified,  
all tolerances are  $\pm 0.005/\pm 0.13$