



E-D SERIES

3KVDC SINGLE AND DUAL OUTPUT 1 WALL 14PIN DIL DC-DC CONVERTER

FEATURES

- 14 PIN DIL PACKAGE.
- 3000VDC ISOLATION.
- UNREGULATED TYPES.
- UL 94V-0 PACKAGE MATERIAL.

GENERAL SPECIFICATIONS

- INPUT REFLECTED NOISE(20MHz B.W.): 100mVp-p MAX
- OUTPUT RIPPPL(20MHz B.W.) : 150mVp-p MAX
- ISOLATION RESISTANCE :1000MΩ MIN @500VDC
- SWITHINGFREQUENCY :100KHz TYP.
- OPERATING TEMPERATURE :0 ℃ TO 70℃
- EFFICIENCY :70% TYP
- SHORT CIRCUIT PROTECTION :1 SEC

ELECTRICAL SPECIFICATIONS

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

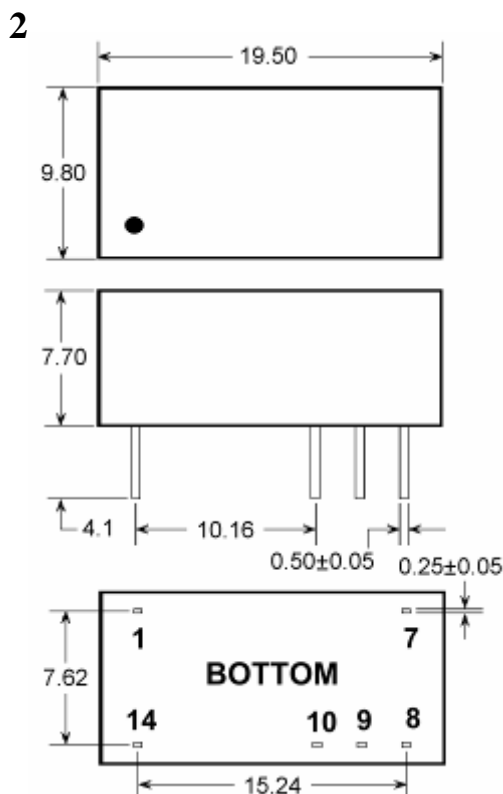
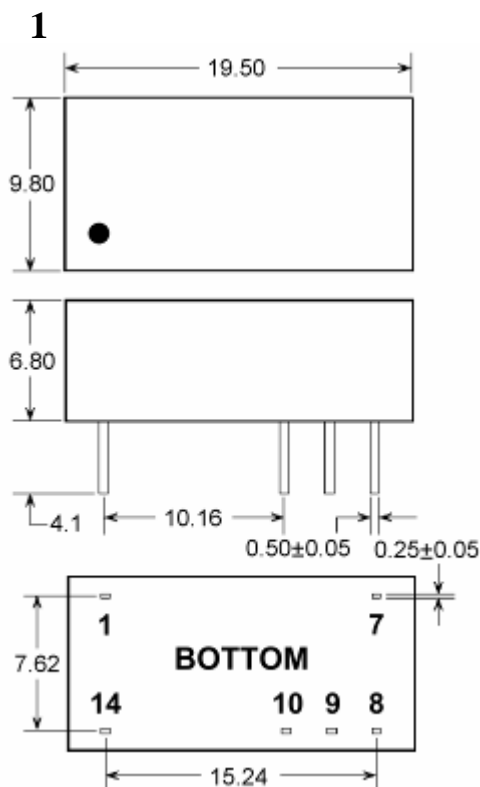
5V,12V AND 24V INPUT TYPES

PART NUMBER	OUTPUT VOLTAGE (VDC)	OUTPUT CURRENT (mA)	EFFICIENCY (% TYP.)	PACKAGE STYLE
EXX05D-1W	±5	±100	70	1
EXX09D-1W	±9	±56	75	1
EXX12D-1W	±12	±42	75	1
EXX15D-1W	±15	±34	75	1

48V INPUT TYPES

PART NUMBER	OUTPUT VOLTAGE (VDC)	OUTPUT CURRENT (mA)	EFFICIENCY (% TYP.)	PACKAGE STYLE
E4805D-1W	±5	±100	70	2
E4809D-1W	±9	±56	75	2
E4812D-1W	±12	±42	75	2
E4815D-1W	±15	±34	75	2

MARKINGS AND DIMENSIONS



PIN CONNECTION

PIN	DUAL
1	-INPUT
7	NC
8	+OUTPUT
9	COMMON
10	-OUTPUT
14	+INPUT

Dimensions:inches/mm

Unless otherwise specified,
all tolerances are ±.005/±0.13