



B-DIP SERIES

1000VDC SINGLE OUTPUT 1WATT DC-DC CONVERTER

FEATURES

- 14 PIN DIL PACKAGE.
- 1000VDC ISOLATION.
- UNREGULATED OUTPUT TYPES.
- UL 94V-0 PACKAGE MATERIAL.

GENERAL SPECIFICATIONS

- OUTPUT RIPPPL(20MHz Band limited)
INPUT 3.3V AND 48V TYP. : 150mVp-p MAX
INPUT 5V,12V AND 24V TYP. :100mVp-p MAX
- ISOLATION RESISTANCE :1000MΩ MIN @500VDC
- SWITHINGFREQUENCY :100KHz TYP.
- OPERATING TEMPERATURE :0 °C TO 70°C
- EFFICIENCY :70% TYP
- SHORT CIRCUIT PROTECTION :SHORT TERM

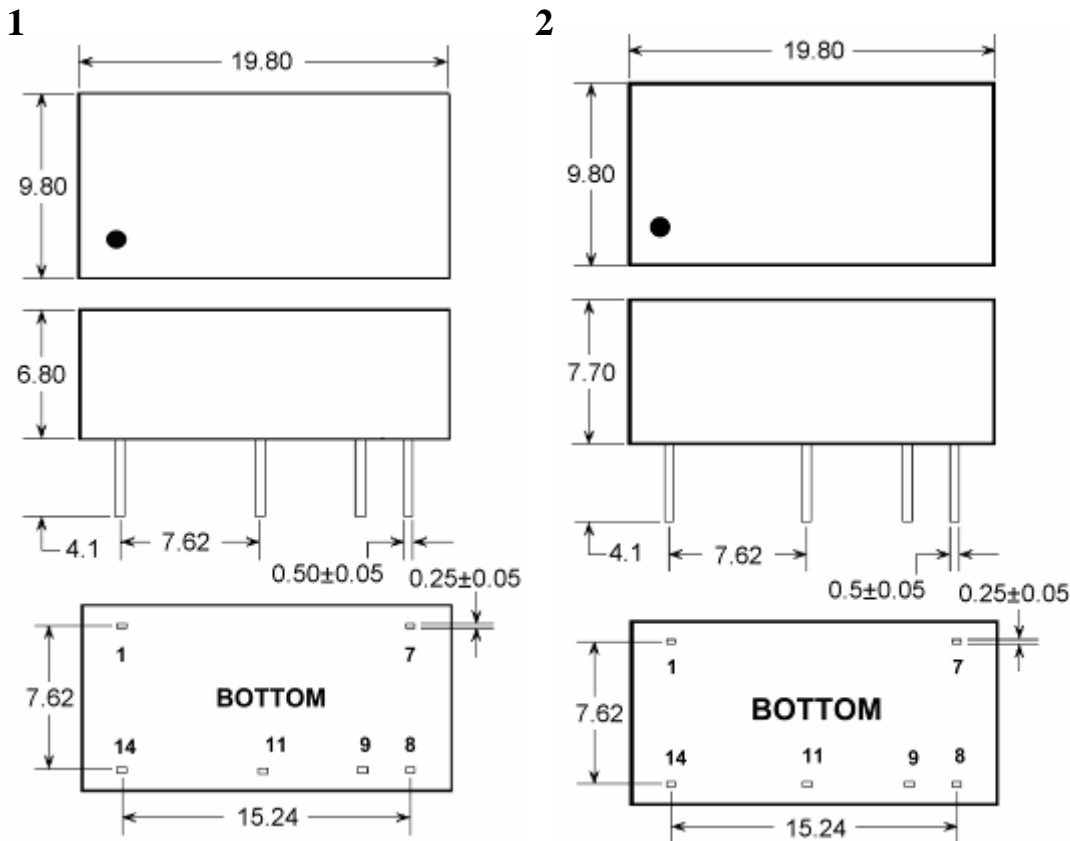
ELECTRICAL SPECIFICATIONS

- 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.) :15% MAX
5V OUTPUT TYPES
9V,12V AND 15V OUTPUT TYPES :10% MAX

5V,12V,24V AND 48V INPUT TYPES

PART NUMBER	OUTPUT VOLTAGE (VDC)	OUTPUT CURRENT (mA)	EFFICIENCY (% TYP.)	PACKAGE STYLE	PART NUMBER	OUTPUT VOLTAGE (VDC)	OUTPUT CURRENT (mA)	EFFICIENCY (% TYP.)	PACKAGE STYLE
BXX05D-1W	5	200	70	1	B4805D-1W	5	200	70	2
BXX09D-1W	9	112	75	1	B4809D-1W	9	112	75	2
BXX12D-1W	12	84	75	1	B4812D-1W	12	84	75	2
BXX15D-1W	15	68	75	1	B4815D-1W	15	68	75	2

MARKINGS AND DIMENSIONS



PIN CONNECTION

PIN	SINGLE
1	-INPUT
7	NC
8	-OUTPUT
9	+OUTPUT
11	NC
14	+INPUT

Dimensions:inches/mm
Unless otherwise specified,
all tolerances are
±.005/±0.13