



D SERIES

1000VDC TWIN OUTPUT 1 WATT DC-DC CONVERTER

FEATURES

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

GENERAL SPECIFICATIONS

- OUTPUT RIPPPL(20MHz Band limited) : 100mVp-p MAX
- ISOLATION RESISTANCE :1000M Ω MIN @500VDC
- SWITHINGFREQUENCY :100KHz TYP.
- OPERATING TEMPERATURE :0 $^{\circ}$ C TO 70 $^{\circ}$ C
- EFFICIENCY(3.3V AND 5V) :70% TYP,65%MIN
- EFFICIENCY(9V,12V AND 15V) :80% TYP,70%MIN

ELECTRICAL SPECIFICATIONS

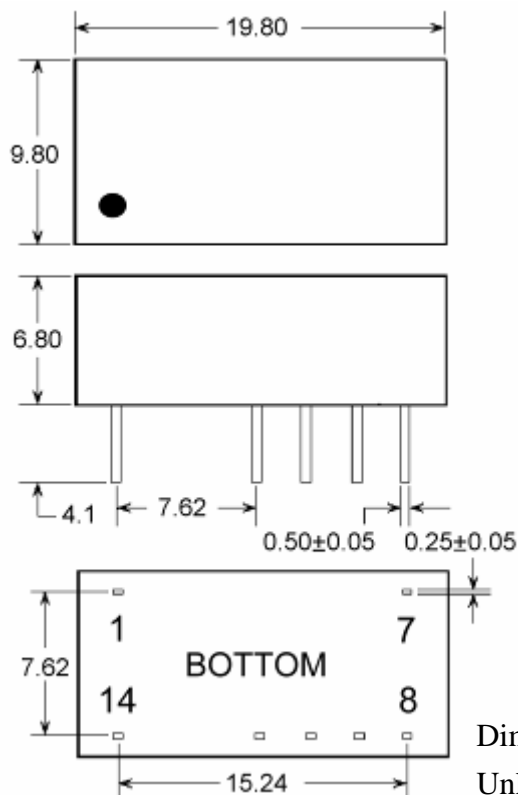
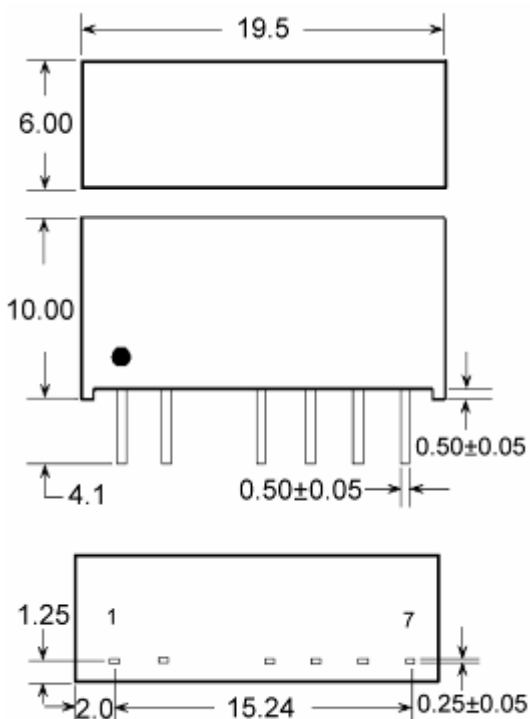
- INPUT VOLTAGE RANGE : \pm 5%
- OUTPUT VOLTAGE TOLERANCE : \pm 5%
- LINE REGULATION(10% TO 100% F.L.) :1.2%/1% OF Vin
- LOAD REGULATION(10% TO 100% F.L.) :15% MAX
3.3V AND 5V OUTPUT TYPES
9V,12V AND 15V OUTPUT TYPES :10% MAX

5v, 12v input types

PART NUMBER	OUTPUT1		OUTPUT2		EFFICIENCY (% TYP.)	PART NUMBER	OUTPUT1		OUTPUT2		EFFICIENCY (% TYP.)
	VOLTAGE (VDC)	CURRENT (mA)	VOLTAGE (VDC)	CURRENT (mA)			VOLTAGE (VDC)	CURRENT (mA)	VOLTAGE (VDC)	CURRENT (mA)	
DXX0503S-1W	5	100	3.3	152	70	DXX0503S-1W	5	100	3.3	152	70
DXX0505S-1W	5	100	5	100	75	DXX0505S-1W	5	100	5	100	75
DXX0509S-1W	5	100	9	56	75	DXX0509S-1W	5	100	9	56	75
DXX0512S-1W	5	100	12	42	75	DXX0512S-1W	5	100	12	42	75
DXX0515S-1W	5	100	15	34	75	DXX0515S-1W	5	100	15	34	75

5v, 12v input types

MARKINGS AND DIMENSIONS



PIN CONNECTION

PIN	7 PIN
1	+INPUT
2	-INPUT
4	+OUTPUT1
5	-OUTPUT1
6	+OUTPUT2
7	-OUTPUT2
PIN	14PIN
1	-INPUT
7	NC
8	-OUTPUT2
9	+OUTPUT2
10	-OUTPUT1
11	+OUTPUT1
14	+INPUT

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