MMT

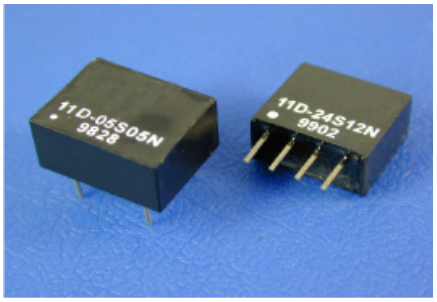
DC/DC CONVERTER
0.25W

11D SERIES

1000VDC SINGLE OUTPUT 250mWATT DC-DC CONVERTER

FEATURES

- 4 PIN SIP AND 8 PIN DIL PACKAGE.
- 1000VDC ISOLATION.
- UNREGULATED OUTPUT TYPES.
- UL 94V-0 PACKAGE MATERIAL.



GENERAL SPECIFICATIONS

- OUTPUT RIPPLE(20MHz Band limited)
  INPUT 3.3V TYP. : 100mVp-p MAX
  INPUT5V AND 12V TYP. : 100mVp-p MAX
- ISOLATION RESISTANCE :100MΩ MIN @500VDC
- SWITHINGFREQUENCY :100KHz TYP.
- OPERATING TEMPERATURE :0 ℃ TO 70℃
- EFFICIENCY :70% TYP
- ISOLATION VOLTAGE :1000 VDC

ELECTRICAL SPECIFICATIONS

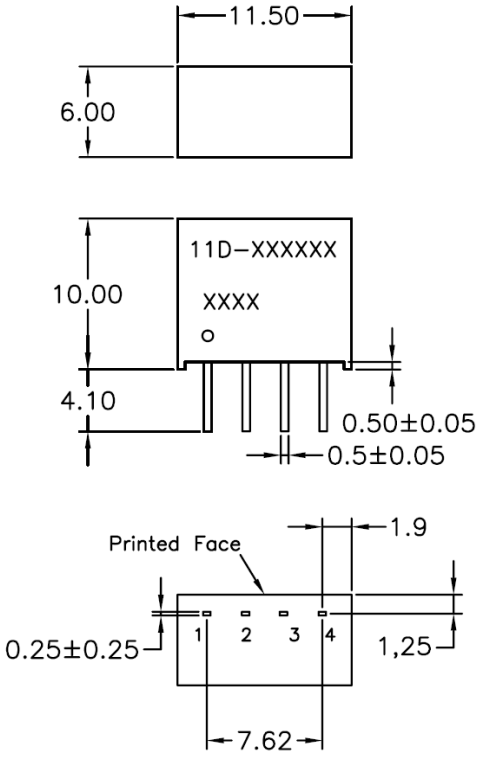
- INPUT VOLTAGE RANGE :±5%
- OUTPUT VOLTAGE TOLERANCE :±5%
- LINE REGULATION(10% TO 100% F.L.) :1.2%/1% OF Vin
- LOAD REGULATION(10% TO 100% F.L.)
  3.3V AND 5V OUTPUT TYPES :15% MAX
  9V,12V AND 15V OUTPUT TYPES :10% MAX

3.3v, 5v and 12v input types

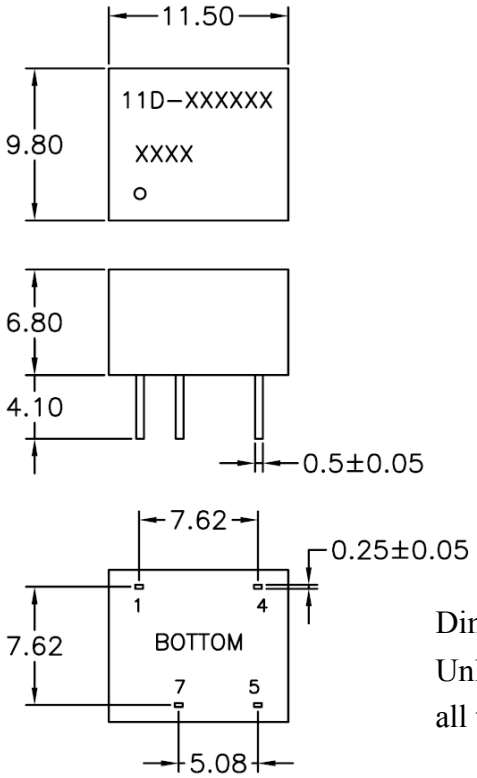
PART NUMBER	OUTPUT VOLTAGE (VDC)	OUTPUT CURRENT (mA)	EFFICIENCY (% TYP.)	PACKAGE STYLE	PART NUMBER	OUTPUT VOLTAGE (VDC)	OUTPUT CURRENT (mA)	EFFICIENCY (% TYP.)	PACKAGE STYLE
11D-05S03N1	3.3	76	65	1	11D-05S03N2	3.3	76	65	2
11D-XXS05N1	5	50	65	1	11D-XXS05N2	5	50	65	2
11D-XXS09N1	9	28	70	1	11D-XXS09N2	9	28	70	2
11D-XXS12N1	12	21	70	1	11D-XXS12N2	12	21	70	2
11D-XXS15N1	15	16	70	1	11D-XXS15N2	15	16	70	2

MARKINGS AND DIMENSIONS

1.



2.



PIN CONNECTION

PIN	4 PIN
1	-INPUT
2	+INPUT
3	-OUTPUT
4	+OUTPUT
PIN	8 PIN
1	-INPUT
4	+INPUT
5	+OUTPUT
7	-OUTPUT

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