



F SERIES

3000VDC SINGLE AND DUAL OUTPUTDC 1 WATT DC-DC CONVERTER

FEATURES

- 7 PIN SIP PACKAGE.
- 3000VDC ISOLATION.
- UNREGULATED OUTPUT TYPES.
- UL 94V-0 PACKAGE MATERIAL.

GENERAL SPECIFICATIONS

- OUTPUT RIPPLE(20MHz Band limited) : 150mVp-p MAX
- ISOLATION RESISTANCE :1000MΩ MIN @500VDC
- SWITCHING FREQUENCY :100KHz TYP.
- OPERATING TEMPERATURE :0 °C TO 70°C
- EFFICIENCY :70% TYP
- ISOLATION VOLTAGE :3000 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.) :15% MAX
5V OUTPUT TYPES
9V,12V AND 15V OUTPUT TYPES :10% MAX

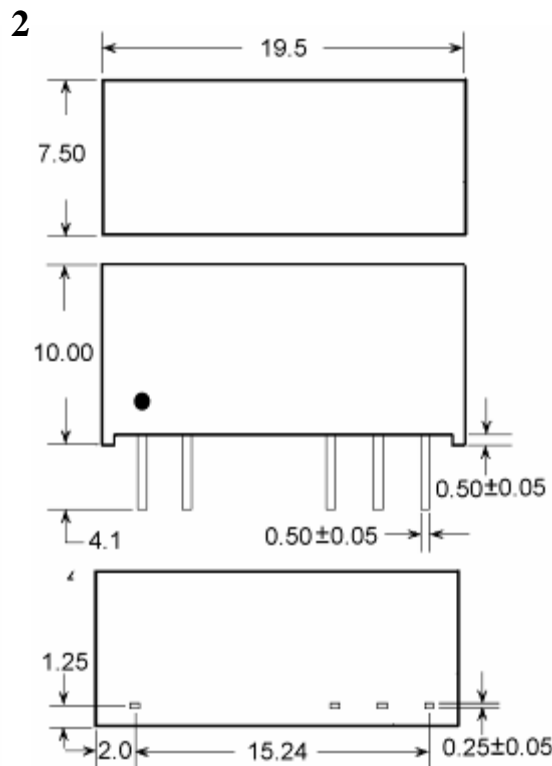
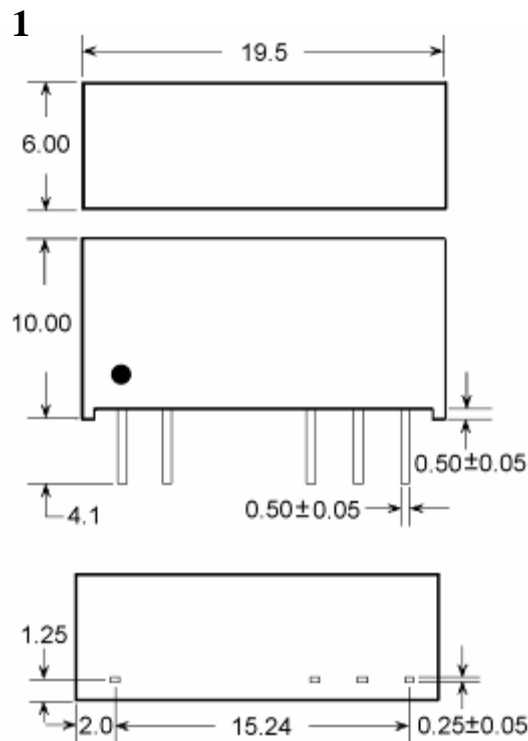
5V,12V AND 24V INPUT TYPES

PART NUMBER	OUTPUT VOLTAGE (VDC)	OUTPUT CURRENT (mA)	EFFICIENCY (% TYP.)	PACKAGE STYLE
FXX05S-1W	5	200	70	1
FXX09S-1W	9	112	75	1
FXX12S-1W	12	84	75	1
FXX15S-1W	15	67	75	1

48V INPUT TYPES

PART NUMBER	OUTPUT VOLTAGE (VDC)	OUTPUT CURRENT (mA)	EFFICIENCY (% TYP.)	PACKAGE STYLE
F4805S-1W	5	200	70	2
F4809S-1W	9	112	75	2
F4812S-1W	12	84	75	2
F4815S-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
±.005/±0.13