



F SERIES

3000VDC SINGLE AND DUAL OUTPUT DC 2 WATT DC-DC CONVERTER

FEATURES

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

GENERAL SPECIFICATIONS

- OUTPUT RIPPPL(20MHz Band limited) : 150mVp-p MAX
- ISOLATION RESISTANCE : 1000MΩ MIN @500VDC
- SWITHINGFREQUENCY : 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

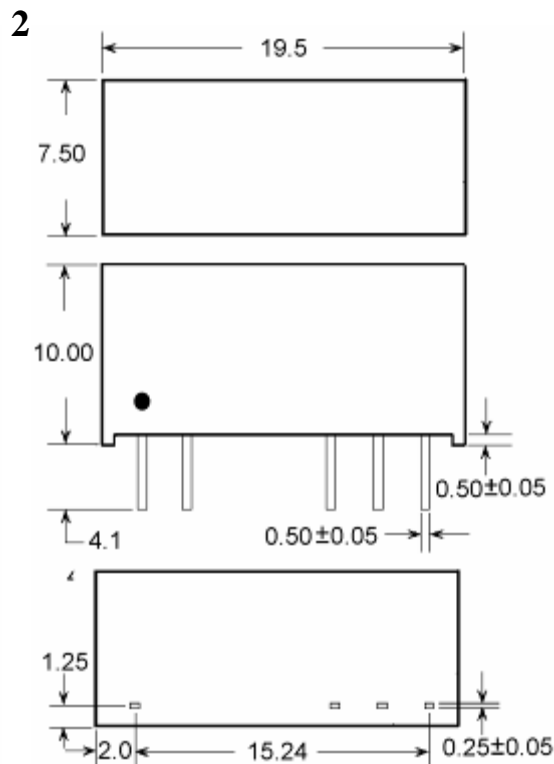
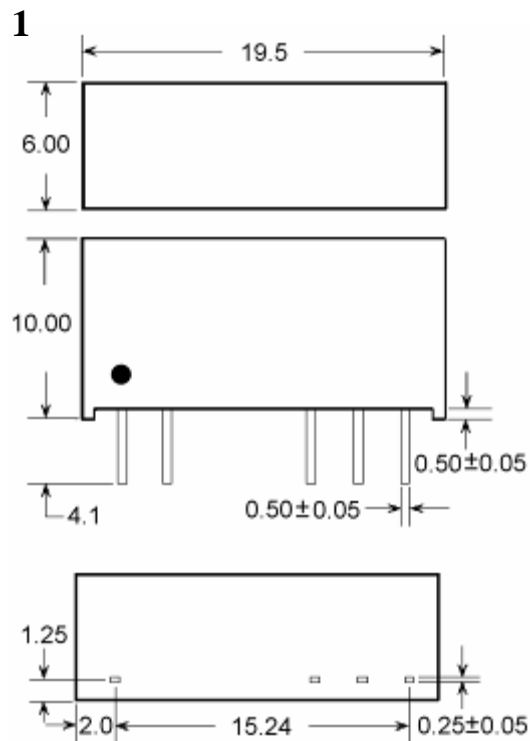
5V,12V AND 24V INPUT TYPES

PART NUMBER	OUTPUT VOLTAGE (VDC)	OUTPUT CURRENT (mA)	EFFICIENCY (% TYP.)	PACKAGE STYLE
FXX05S-2W	5	400	70	2
FXX09S-2W	9	224	75	2
FXX12S-2W	12	168	75	2
FXX15S-2W	15	134	75	2

48V INPUT TYPES

PART NUMBER	OUTPUT VOLTAGE (VDC)	OUTPUT CURRENT (mA)	EFFICIENCY (% TYP.)	PACKAGE STYLE
F4805S-2W	5	400	70	2
F4809S-2W	9	224	75	2
F4812S-2W	12	168	75	2
F4815S-2W	15	134	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