



F-D SERIES

3KVDC SINGLE AND DUAL OUTPUT 2 WALL 14PIN DIL DC-DC CONVERTER

FEATURES

- 14 PIN DIL PACKAGE.
- 3000VDC ISOLATION.
- UNREGULATED TYPES.
- UL 94V-0 PACKAGE MATERIAL.

GENERAL SPECIFICATIONS

- INPUT REFLECTED NOISE(20MHz B.W.): 100mVp-p MAX
- OUTPUT RIPPLE(20MHz B.W.) : 150mVp-p MAX
- ISOLATION RESISTANCE :1000MΩ MIN @500VDC
- SWITCHING FREQUENCY :100KHz TYP.
- OPERATING TEMPERATURE :0 °C TO 70°C
- EFFICIENCY :70% TYP
- SHORT CIRCUIT PROTECTION :1 SEC

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

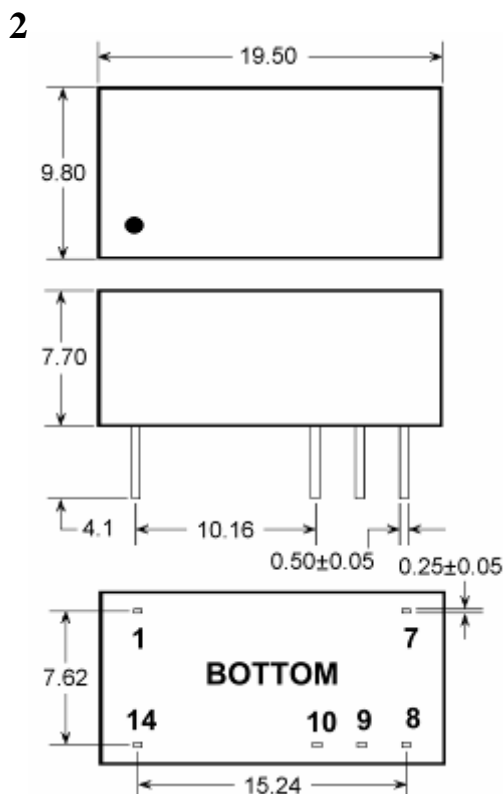
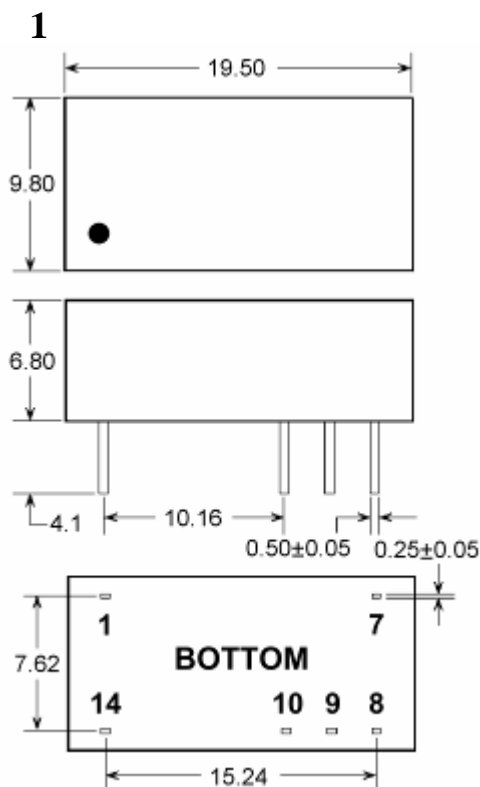
5V,12V AND 24V INPUT TYPES

PART NUMBER	OUTPUT VOLTAGE (VDC)	OUTPUT CURRENT (mA)	EFFICIENCY (% TYP.)	PACKAGE STYLE
FXX05D-1W	5	400	70	1
FXX09D-1W	9	224	75	1
FXX12D-1W	12	168	75	1
FXX15D-1W	15	134	75	1

48V INPUT TYPES

PART NUMBER	OUTPUT VOLTAGE (VDC)	OUTPUT CURRENT (mA)	EFFICIENCY (% TYP.)	PACKAGE STYLE
F4805D-1W	5	400	70	2
F4809D-1W	9	224	75	2
F4812D-1W	12	168	75	2
F4815D-1W	15	134	75	2

MARKINGS AND DIMENSIONS



PIN CONNECTION

PIN	SINGLE
1	-INPUT
7	NC
8	+OUTPUT
9	NO PIN
10	-OUTPUT
14	+INPUT

Dimensions: inches/mm

Unless otherwise specified,
all tolerances are ±.005/±0.13