



# 46D SERIES

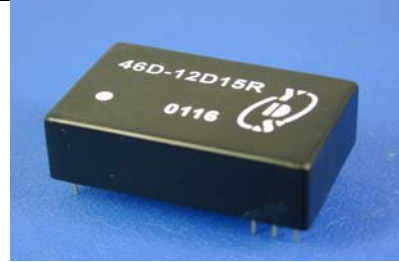
## 3000Vrms SINGLE AND DUAL OUTPUT 3WATT 24PIN DIL DC-DC CONVERTER

### FEATURES

- UP TO 3WATTS OUTPUT POWER
- 24PIN DIL PACKAGE
- 3000Vrms ISOLATION
- REGULATED OUTPUT TYPES
- LOW RIPPLE AND NOISE

### GENERAL SPECIFICATIONS

- OUTPUT RIPPLE & NOISE : 50mVp-p(20MHz B.W.)
- ISOLATION RESISTANCE : 100MΩ MIN.
- SWITCHING FREQUENCY : 125KHz TYP.
- OPERATING TEMPERATURE : 0°C TO 70°C
- STORAGE TEMPERATURE RANGE : -40°C TO 125°C
- SHORT CIRCUIT PROTECTION : CONTINUOUS
- SHORT CIRCUIT RESTART : AUTOMATIC



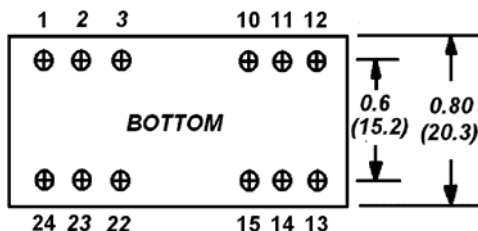
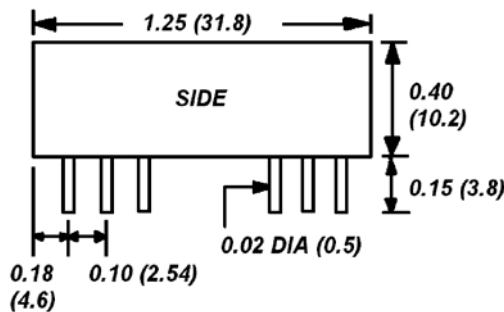
### ELECTRICAL SPECIFICATIONS

- INPUT VOLTAGE RANGE : ±10%
- OUTPUT VOLTAGE TOLERANCE : ±5%
- LINE REGULATION (REGULATED) : ±0.3%
- LOAD REGULATION (REGULATED) : ±0.5%
- EFFICIENCY (REGULATED) : 60% TYP

(Typical at nominal input , rated load and 25°C unless otherwise specified)

PART NO.	INPUT VOLTAGE	OUTPUT VOLTAGE	OUTPUT CURRENT	PART NO.	INPUT VOLTAGE	OUTPUT VOLTAGE	OUTPUT CURRENT
46D-05S05R	5VDC	5VDC	600mA	46D-24S15R	24	15VDC	200mA
46D-05S12R	5VDC	12VDC	250mA	46D-24D12R	24	±12VDC	±125mA
46D-05S15R	5VDC	15VDC	200mA	46D-24D15R	24	±15VDC	±100mA
46D-05D12R	5VDC	±12VDC	±125mA	46D-28S05R	28	5VDC	600mA
46D-05D15R	5VDC	±15VDC	±100mA	46D-28S12R	28	12VDC	250mA
46D-12S05R	12VDC	5VDC	600mA	46D-28S15R	28	15VDC	200mA
46D-12S12R	12VDC	15VDC	250mA	46D-28D12R	28	±12VDC	±125mA
46D-12S15R	12VDC	15VDC	200mA	46D-28D15R	28	±15VDC	±100mA
46D-12D12R	12VDC	±12VDC	±125mA	46D-48S05R	48	5VDC	600mA
46D-12D15R	12VDC	±15VDC	±100mA	46D-48S12R	48	12VDC	250mA
46D-24S05R	24VDC	5VDC	600mA	46D-48S15R	48	15VDC	200mA
46D-24S12R	24VDC	12VDC	250mA	46D-48D12R	48	±12VDC	±125mA

### MARKINGS AND DIMENSIONS



### PIN CONNECTION

PIN	SINGLE OUTPUT	DUAL OUTPUT
1,2,3	+INPUT	+INPUT
10,11	NC	COMMON
12	-OUTPUT	NC
13	+OUTPUT	-OUTPUT
15	NC	+OUTPUT
22,23,24	-INPUT	-INPUT