



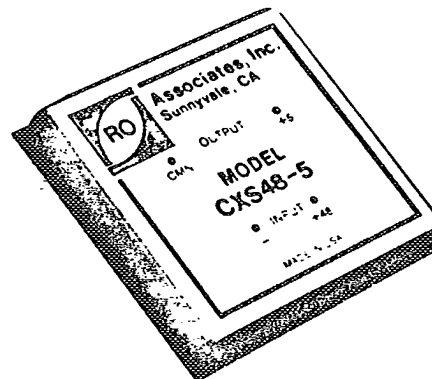
RO ASSOCIATES

**DC-DC CONVERTERS****4-6 WATTS****LOW PROFILE .375"****SERIES CX**

T-57-11

**DESCRIPTION**

The RO CX Series DC-DC converters use a 100 KHz switching frequency to provide an extremely low profile package. The DC-DC converters are designed for general purpose, low power, high efficiency applications.

**FEATURES**

- Low profile 0.38 inch high case
- High efficiency
- Six-sided continuous shielding
- RFI input filter
- Dual tracking outputs
- Low noise (input and output)
- Input/output isolation

**COMMON SPECIFICATIONS****Input**

| NOMINAL | MIN   | MAX   |
|---------|-------|-------|
| 5VDC    | 4.50  | 5.50  |
| 12VDC   | 11.16 | 13.20 |
| 24VDC   | 22.32 | 26.40 |
| 48VDC   | 44.64 | 52.80 |

**Isolation**

500 VDC isolation

**Protection**

Current limit short circuit protection

**Operating temperature**

-25°C to 80°C case

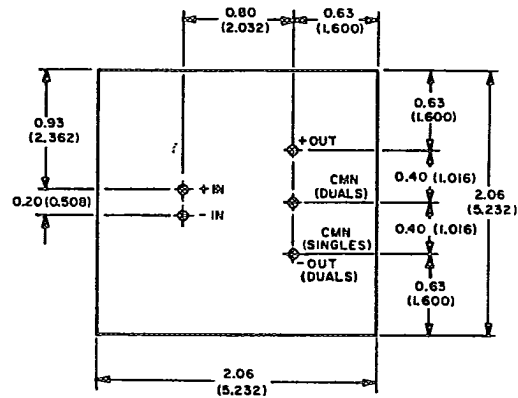
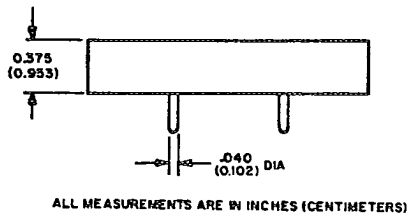
**Efficiency**

70% typical

**Weight**

2 oz.

## BOTTOM VIEW



## SINGLES

| Model    | Input Voltage | Output Volts | Output Milliamps | DC-10MHz PP Ripple | Regulation     |      | Price 1-99 |
|----------|---------------|--------------|------------------|--------------------|----------------|------|------------|
|          |               |              |                  |                    | Line +10%, -7% | O-FL |            |
| CXS48-5  | 48            | 5            | 1000             | 40mV               | 5mV            | 5mV  | \$98.00    |
| CXS48-12 | 48            | 12           | 500              | 40mV               | 12mV           | 12mV | 98.00      |
| CXS48-15 | 48            | 15           | 400              | 40mV               | 15mV           | 15mV | 98.00      |
| CXS28-5  | 28            | 5            | 1000             | 40mV               | 5mV            | 5mV  | 98.00      |

## DUALS

|          |    |     |      |      |      |      |        |
|----------|----|-----|------|------|------|------|--------|
| CXD5-12  | 5  | ±12 | ±185 | 40mV | 10mV | 10mV | 110.00 |
| CXD5-15  | 5  | ±15 | ±150 | 40mV | 10mV | 10mV | 110.00 |
| CXD12-12 | 12 | ±12 | ±250 | 40mV | 10mV | 10mV | 110.00 |
| CXD12-15 | 12 | ±15 | ±200 | 40mV | 10mV | 10mV | 110.00 |
| CXD24-12 | 24 | ±12 | ±250 | 40mV | 10mV | 10mV | 110.00 |
| CXD24-15 | 24 | ±15 | ±200 | 40mV | 10mV | 10mV | 110.00 |
| CXD48-12 | 48 | ±12 | ±250 | 40mV | 10mV | 10mV | 110.00 |
| CXD48-15 | 48 | ±15 | ±200 | 40mV | 10mV | 10mV | 110.00 |