

# CTC COIL TECHNOLOGY CORPORATION

## DC/DC CONVERTER B2.2R-XXXXC SERIES 2.2W SINGLE OUTPUT

**Features:**

- 2.2 Watts DIP 24 package.
- High isolation 5000Vdc.
- Regulated output.
- Short circuit protection-Continuous.

**ELECTRICAL SPECIFICATIONS: REGULATED**

- Input voltage range -----  $\pm 10\%$
- Output voltage accuracy -----  $\pm 5\%$
- Rated power ----- 2.2 Watts Max.
- Isolation voltage ----- 2000Vdc Min.
- Ripple&noise/20MHZ BW ----- 100mV P-P Max.
- Line regulation -----  $\pm 0.5\%$
- Load regulation (10% ~ 100% load)-----  $\pm 1.0\%$
- Operating frequency ----- 50KHz Min.
- Short circuit protection ----- Continuous
- Operating temperature range -----  $-40^{\circ}\text{C}$  to  $70^{\circ}\text{C}$
- Storage temperature range -----  $-50^{\circ}\text{C}$  to  $125^{\circ}\text{C}$
- Efficiency ----- 50% Min.
- Isolation resistance ----- 10G  $\Omega$  Min.
- Isolation capacity ----- 21pF Typ.
- Meet CE EN-60601-1 Certified

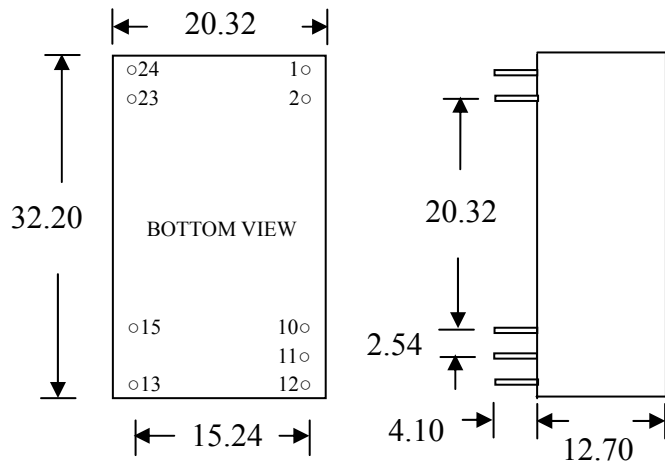


**Note : Add/H after P/N for isolation 5000Vdc**

### Selection Guide

Part Number	Input Voltage (VDC)	Output Voltage (VDC)	Output Current (mA)
B2.2R-0505C	5	5	400
B2.2R-0509C	5	9	244
B2.2R-0512C	5	12	180
B2.2R-0515C	5	15	150
B2.2R-1205C	12	5	400
B2.2R-1209C	12	9	244
B2.2R-1212C	12	12	180
B2.2R-1215C	12	15	150
B2.2R-2405C	24	5	400
B2.2R-2409C	24	9	244
B2.2R-2412C	24	12	180
B2.2R-2415C	24	15	150

# Package Style And Pinning (mm)



PIN	FUNCTION
1,2	+VIN
10,11,15	NC
12	-VOUT
13	+VOUT
23,24	-VIN

UNIT : mm  
 XX.X±0.5mm  
 XX.XX±0.25mm