

# CTC COIL TECHNOLOGY CORPORATION

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

### Features:

- 2.2 Watts DIP 24 package.
- High isolation 5000Vdc
- Single output.

### ELECTRICAL SPECIFICATIONS: UNREGULATED

- 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 ----- 1.2%Typ./1%Of Vin
- Load regulation (10% ~ 100% load)-----  $\pm 10\%$
- Operating frequency ----- 50KHz Min.
- Operating temperature range -----  $-40^{\circ}\text{C}$  to  $75^{\circ}\text{C}$
- Storage temperature range -----  $-50^{\circ}\text{C}$  to  $125^{\circ}\text{C}$
- Efficiency ----- 70% Min.
- Isolation resistance ----- 10G  $\Omega$
- Isolation capacity ----- 20pF Typ.

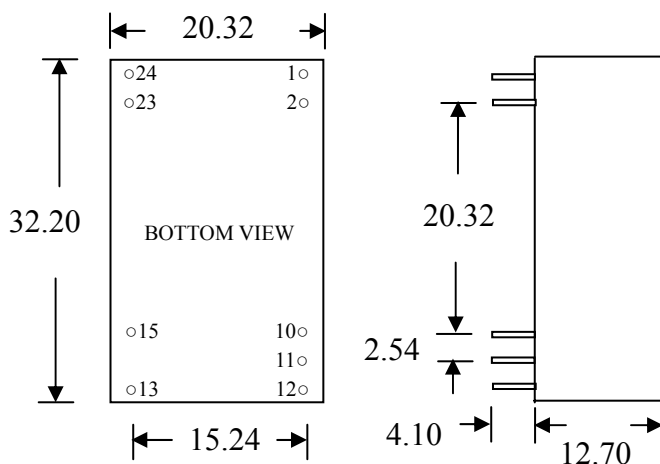


Note : Add/H after P/N for isolation 5000Vdc

### Selection Guide

Part Number	Input Voltage (VDC)	Output Voltage (VDC)	Output Current (mA)
B2.2U-XX05C	5,12,15,24	5	400
B2.2U-XX09C	5,12,15,24	9	244
B2.2U-XX12C	5,12,15,24	12	180
B2.2U-XX15C	5,12,15,24	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 $\pm$ 0.5mm  
 XX.XX $\pm$ 0.25mm