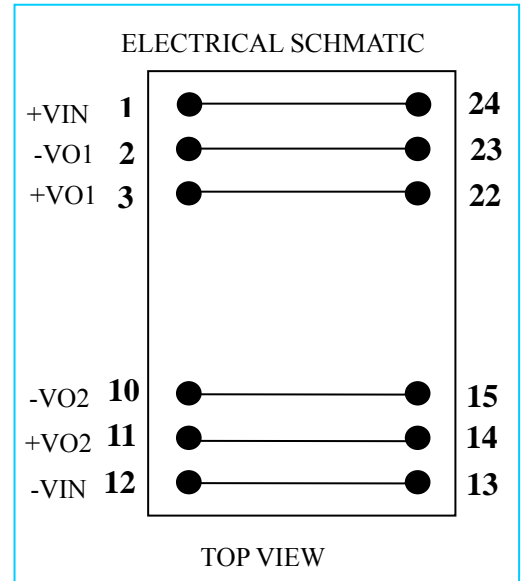


# CTC COIL TECHNOLOGY CORPORATION

## DC/DC CONVERTER B2.2UI-XXXXD SERIES 2.2W DUAL OUTPUT

### ELECTRICAL SPECIFICATIONS: UNREGULATED

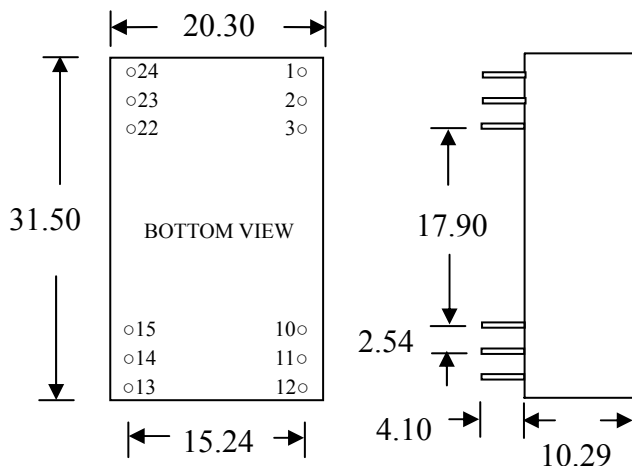
- Input voltage range -----  $\pm 10\%$
- Output voltage accuracy -----  $\pm 5\%$
- Rated power ----- 2.2 Watts Max.
- Efficiency at full load----- 70% Min.
- Isolation voltage ----- 500Vdc Min.
- Ripple&noise/20MHZ BW -----  $\pm 100\text{mV P-P Max.}$
- Line regulation ----- 1.2%Typ./1%Of Vin
- Load regulation (10% ~ 100% load)-----  $\pm 10\%$
- Operating frequency ----- 20KHz Min.
- Operating temperature range -----  $-40^{\circ}\text{C to } 75^{\circ}\text{C}$
- Storage temperature range -----  $-50^{\circ}\text{C to } 125^{\circ}\text{C}$
- Isolation resistance ----- 10G  $\Omega$  Min.
- Isolation capacity ----- 80pF Typ.
- \* Internal fused protection----- See Note



### Selection Guide

Part Number	Input Voltage (VDC)	Output Voltage (VDC)	Output Current (mA)	Efficiency (%)
B2.2UI-XX0505D	5	$\pm 5$	$\pm 200$	75
B2.2UI-XX0512D	5	$\pm 12$	$\pm 90$	78
B2.2UI-XX0515D	5	$\pm 15$	$\pm 75$	80
B2.2UI-XX1205D	12	$\pm 5$	$\pm 200$	75
B2.2UI-XX1212D	12	$\pm 12$	$\pm 90$	78
B2.2UI-XX1215D	12	$\pm 15$	$\pm 75$	80
B2.2UI-XX2405D	24	$\pm 5$	$\pm 200$	75
B2.2UI-XX2412D	24	$\pm 12$	$\pm 90$	78
B2.2UI-XX2415D	24	$\pm 15$	$\pm 75$	80

### Package Style And Pinning (mm)



PIN	FUNCTION
2,3	-VIN
9,10,11,15	NC
14	+VOUT
16	-VOUT
22,23	+VIN

\*LEAD WIRE = 0.51 Typ

TOL. :  $\pm 0.25\text{mm}$

UNIT : mm