

CTC COIL TECHNOLOGY CORPORATION

DC/DC CONVERTER B2.2U-XXXXDA SERIES 2.2W DUAL OUTPUT

Features:

- 2.2 Watts DIP 24 package.
- High isolation 5000Vdc
- Dual 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 ----- $\pm 100\text{mV P-P Max.}$
- 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 Ω
- Isolation capacity ----- 25pF Typ.

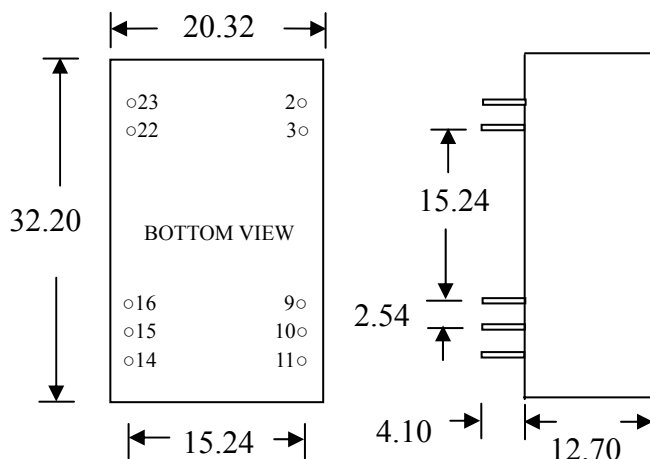


Note : Add/H after P/N for isolation 5000Vdc

Selection Guide

Part Number	Input Voltage (VDC)	Output Voltage (VDC)	Output Current (mA)
B2.2U-XX05DA	5,12,15,24	± 5	± 200
B2.2U-XX09DA	5,12,15,24	± 9	± 122
B2.2U-XX12DA	5,12,15,24	± 12	± 90
B2.2U-XX15DA	5,12,15,24	± 15	± 75

Package Style And Pinning (mm)



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

UNIT : mm
 XX.X $\pm 0.5\text{mm}$
 XX.XX $\pm 0.25\text{mm}$