

CTC COIL TECHNOLOGY CORPORATION

DC/DC CONVERTER B2.2R-XXXXA 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°C to 70°C
- Storage temperature range ----- -50°C to 125°C
- Efficiency ----- 50% Min.
- Isolation resistance ----- 10G Ω Min.
- Isolation capacity ----- 19pF Typ.
- Meet CE EN-60601-1 Certified

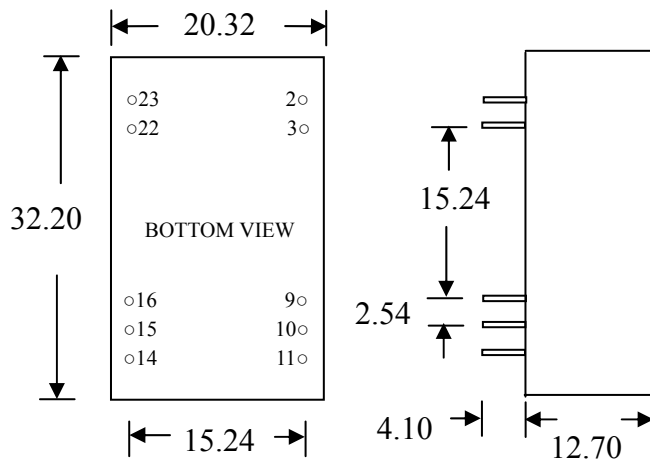


Note : Add/H after P/N for isolation 5000Vdc

Selection Guide

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

Package Style And Pinning (mm)



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

UNIT : mm
 XX.X±0.5mm
 XX.XX±0.25mm