

# CTC COIL TECHNOLOGY CORPORATION

## DC/DC CONVERTER P3WR-XXXX SERIES , 3W REGULATION

### Feature :

- 3 Watts DIP 24 package.
- 2 : 1 wide input range
- Regulated output
- Short circuit restart - Automatic
- Short circuit protection - Continuous

### ELECTRICAL SPECIFICATIONS: REGULATED

- Input voltage range ----- 2 : 1
- Output voltage accuracy -----  $\pm 2\%$  Typ.
- Rated power ----- 3Watts Max.
- Isolation voltage ----- 3000 Vdc Min.
- Ripple&noise/20MHZ BW ----- 70mV P-P Max.
- Line regulation -----  $\pm 0.1\%$
- Load regulation (10% ~ 100% load )--  $\pm 0.2\%$
- Operating frequency ----- 80KHz Min.
- Short circuit protection ----- Continuous
- Short circuit restart ----- Automatic
- Operating temperature range -----  $-40^{\circ}\text{C}$  to  $80^{\circ}\text{C}$
- Storage temperature range -----  $-50^{\circ}\text{C}$  to  $125^{\circ}\text{C}$
- Efficiency ----- 70% Min
- Isolation resistance----- 1G



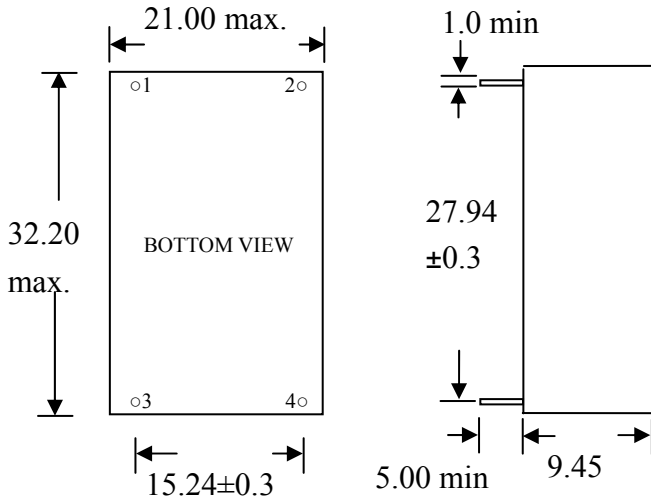
### Selection Guide

Part Number	Input Voltage (VDC)	Output Voltage (VDC)	Output Current (mA)
P3WR-05XX	5 (4.5~9)	3.3	650
P3WR-12XX	12 (9~18)	5	600
P3WR-24XX	24 (18~36)	9	333
P3WR-48XX	48 (36~72)	12	250
		15	200
		24	125

# Package Style And Pinning (mm)

P3WR-0505  
 CTC  
 XXXXX

PIN	FUNCTION
1	+VIN
2	-VIN
3	+VOUT
4	-VOUT



UNIT : mm