

CTC COIL TECHNOLOGY CORPORATION

DC/DC CONVERTER PC1.5WR-XXXX SERIES , 1.5W REGULATION

Feature :

- 1.5 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 ----- 1.5W
- Isolation voltage ----- 3000 Vdc Min.
- Ripple&noise/20MHZ BW ----- 70mV P-P Max.
- Line regulation ----- $\pm 0.1\%$ Max.
- Load regulation (10% ~ 100% load)-- $\pm 0.2\%$ Max.
- Operating frequency ----- 60KHz Min.
- Short circuit protection ----- Cotinuous
- Short circuit restart ----- Automatic
- Operating temperature range ----- -40°C to 80°C
- Storage temperature range ----- -50°C to 125°C
- Efficiency ----- 70% Min
- Isolation resistance----- $1\text{G}\Omega$
- Isolation capacity----- 35pF Typ.



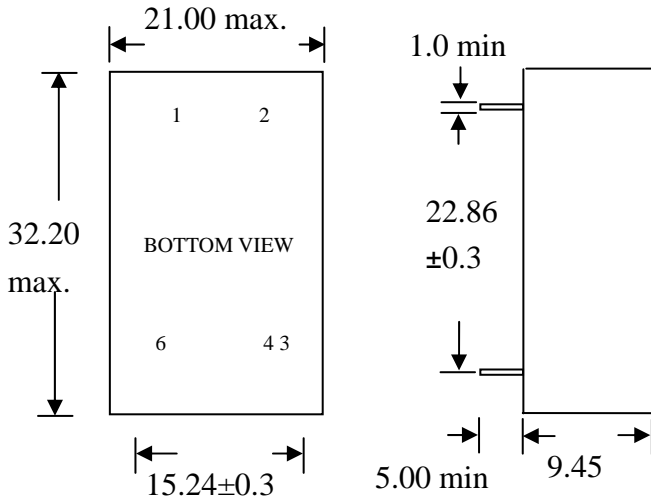
Selection Guide

Part Number	Input Voltage (VDC)	Output Voltage (VDC)	Output Current (mA)
PC1.5WR-05XX	5 (4.5~9)	3.3	455
PC1.5WR-12XX	12 (9~18)	5	300
PC1.5WR-24XX	24 (18~36)	9	167
PC1.5WR-48XX	48 (36~72)	12	125
		15	100
		24	63

Package Style And Pinning (mm)

PC1.5WR-0505
 CTC
 XXXXX

PIN	FUNCTION
1	+VIN
2	-VIN
3	NC
4	-VOUT
6	+VOT



UNIT : mm