

CTC COIL TECHNOLOGY CORPORATION

DC/DC CONVERTER P1.5WR-XXXXD 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----- 1G
- Isolation capacity----- 35pF Typ.



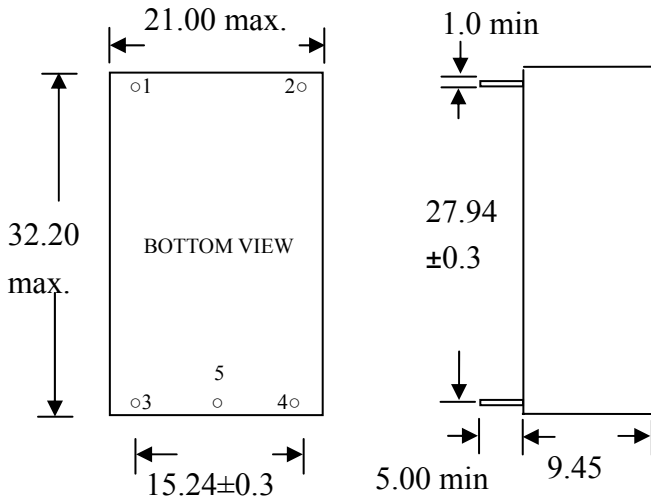
Selection Guide

Part Number	Input Voltage (VDC)	Output Voltage (VDC)	Output Current (mA)
P1.5WR-05XXD	5 (4.5~9)	± 3.3	± 228
P1.5WR-12XXD	12 (9~18)	± 5	± 150
P1.5WR-24XXD	24 (18~36)	± 9	± 83
P1.5WR-48XXD	48 (36~72)	± 12	± 63
		± 15	± 50
		± 24	± 31

Package Style And Pinning (mm)

P1.5WR-0505D
CTC
XXXXXX

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



UNIT : mm