

# CTC COIL TECHNOLOGY CORPORATION

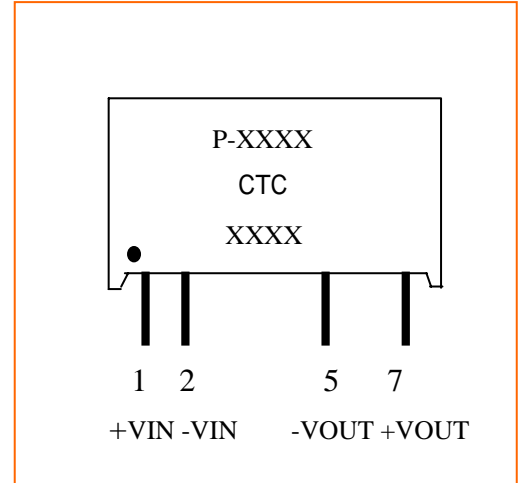
## DC/DC CONVERTER P-XXXX SERIES 1W SINGLE OUTPUT

### Features :

- Wide temperature Performance at full 1 watt load -40°C to 85°C
- 5.2KVDC Isolation
- Efficiency to 80%
- Internal SMD Construction
- UL 94V-0 Package Material
- Meet CE EN-60950-1 Certified

### ELECTRICAL SPECIFICATIONS: UNREGULATED

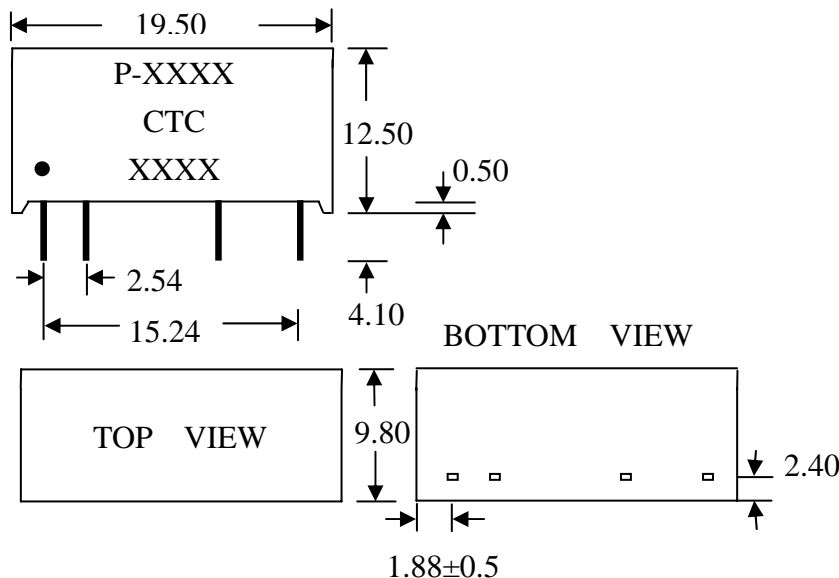
- Input voltage range ----- ±10%
- Output voltage accuracy ----- ±5%
- Line Voltage Regulation ----- 1.2%Typ./1%Of Vin
- Load Voltage Regulation (10% ~ 100%)
  - 3.3,5V Output Types----- 15% Max.
  - 9V,12V and 15V Output Types----- 10% Max.
- Ripple&noise/20MHZ BW ----- 200mV P-P Max.
- Efficiency at full load----- up to 80%
- Isolation Voltage----- 5.2K Vdc Min.
- Short circuit protection ----- 1.0 Second
- Operating temperature range ----- -40°C to 85°C
- Storage temperature range ----- -50°C to 125°C



### Selection Guide

Part Number	Input Voltage (VDC)	Output Voltage (VDC)	Output Current (mA)
P-XX3.3	5,9,12,15,24	3.3	600
P-XX05	5,9,12,15,24	5	400
P-XX09	5,9,12,15,24	9	222
P-XX12	5,9,12,15,24	12	167
P-XX15	5,9,12,15,24	15	132

### Package Style And Pinning (mm)



PIN	FUNCTION
1	+VIN
2	-VIN
5	-VOUT
7	+VOUT

TOL. : ±0.25mm  
UNIT : mm