

CTC COIL TECHNOLOGY CORPORATION

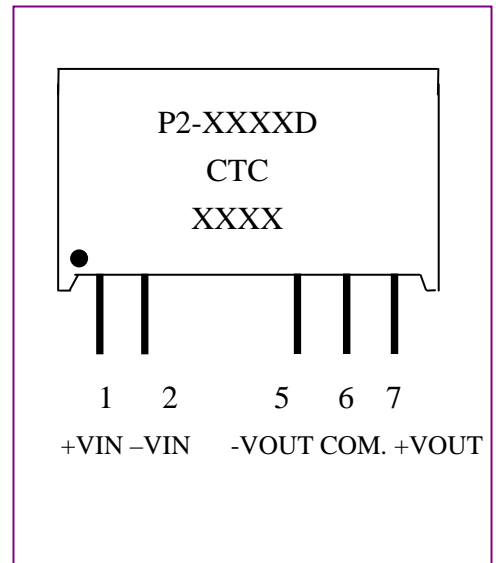
DC/DC CONVERTER P2-XXXXD SERIES 2W DUAL OUTPUT

Features :

- Wide temperature Performance at full 2 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:

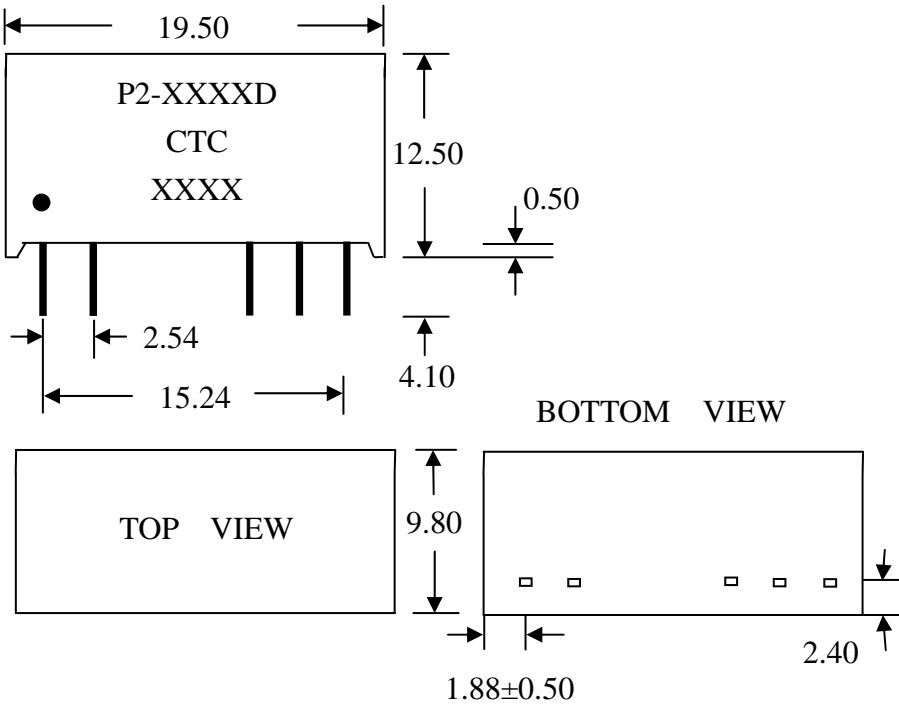
- Input voltage range ----- $\pm 10\%$
- Output voltage accuracy ----- $\pm 5\%$
- Line voltage regulation ----- 1.2%Typ./1%Of Vin
- Load voltage regulation (10% ~ 100%)-
5V Output Types----- 15% Max.
9V,12Vand15V Output Types----- 10% Max.
- Ripple&noise/20MHZ BW ----- 200mV P-P Max.
- Efficiency at full load----- 65% Min. 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 ----- -55°C to 125°C
- Isolation resistance----- 560G Ω
- Isolation capacity----- 1.5pF



Selection Guide

Model Number	Input Voltage (VDC)	Output Voltage (VDC)	Output Current (mA)
P2-XX3.3D	5,9,12,15,24	± 3.3	± 300
P2-XX05D	5,9,12,15,24	± 5	± 200
P2-XX09D	5,9,12,15,24	± 9	± 111
P2-XX12D	5,9,12,15,24	± 12	± 85
P2-XX15D	5,9,12,15,24	± 15	± 66

Package Style And Pinning (mm)



PIN	FUNCTION
1	+VIN
2	-VIN
5	-VOUT
6	COM.
7	+VOUT

XX.X±0.5mm
 XX.XX±0.25mm