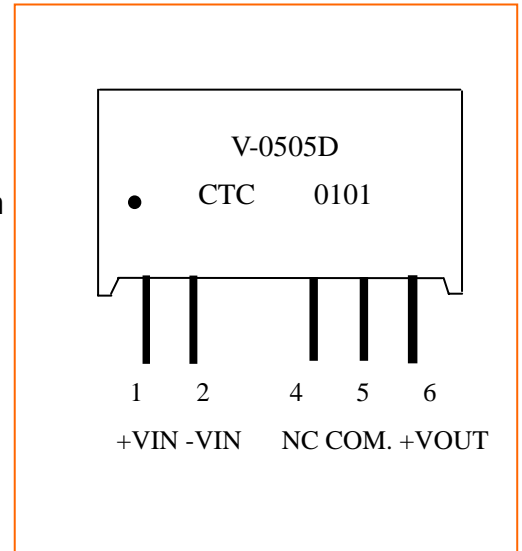


+ CTC COIL TECHNOLOGY CORPORATION
DC/DC CONVERTER V-XXXXD SERIES 1W DUAL OUTPUT

ELECTRICAL SPECIFICATIONS: UNREGULATED

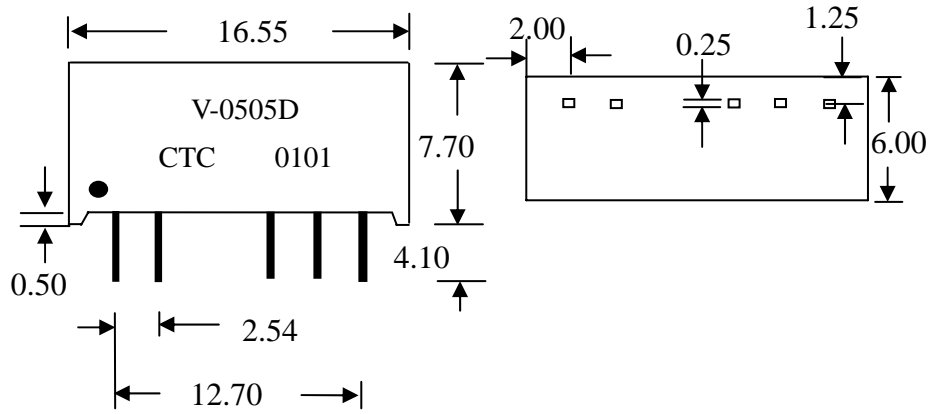
- Input voltage range ----- $\pm 10\%$
- Output voltage accuracy ----- $\pm 5\%$
- Rate Power----- 1W
- Isolation Voltage----- 3KVdc
- Ripple&noise/20MHZ BW ----- 100MV Max.
- Line voltage regulation ----- 1.2%Typ./1%Of Vin
- Load voltage regulation (10% ~ 100%)-
 5V Output Types----- 15% Max.
 9V,12V and 15V Output Types----- 10% Max.
- Ripple&noise/20MHZ BW ----- $\pm 100\text{mV P-P Max.}$
- Efficiency at full load----- 70% Min.
- Short circuit protection ----- 1.0 Second
- Operating temperature range ----- $-40^{\circ}\text{C to }85^{\circ}\text{C}$
- Storage temperature range ----- $-55^{\circ}\text{C to }125^{\circ}\text{C}$
- Efficiency----- up to 80%
- Meet CE EN-60950-1 Certified



Selection Guide

Part Number	Input Voltage (VDC)	Output Voltage (VDC)	Output Current (mA)	Efficiency (%)
V-0505D	5	± 5	± 100	70
V-0509D	5	± 9	± 55	74
V-0512D	5	± 12	± 42	76
V-0515D	5	± 15	± 33	78
V-1205D	12	± 5	± 100	70
V-1209D	12	± 9	± 55	74
V-1212D	12	± 12	± 42	78
V-1215D	12	± 15	± 33	78
V-1505D	15	± 5	± 100	72
V-1509D	15	± 9	± 55	75
V-1512D	15	± 12	± 42	77
V-1515D	15	± 15	± 33	79
V-2405D	24	± 5	± 100	72
V-2409D	24	± 9	± 55	75
V-2412D	24	± 12	± 42	78
V-2415D	24	± 15	± 33	80

Package Style And Pinning (mm)



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

TOL. : ± 0.25 mm

UNIT : mm