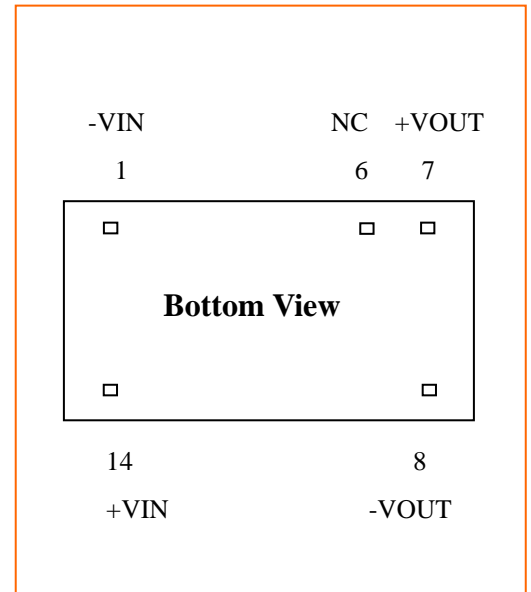


CTC COIL TECHNOLOGY CORPORATION

DC/DC CONVERTER MD4R-XXXX SERIES 1W SINGLE OUTPUT

ELECTRICAL SPECIFICATIONS: REGULATED

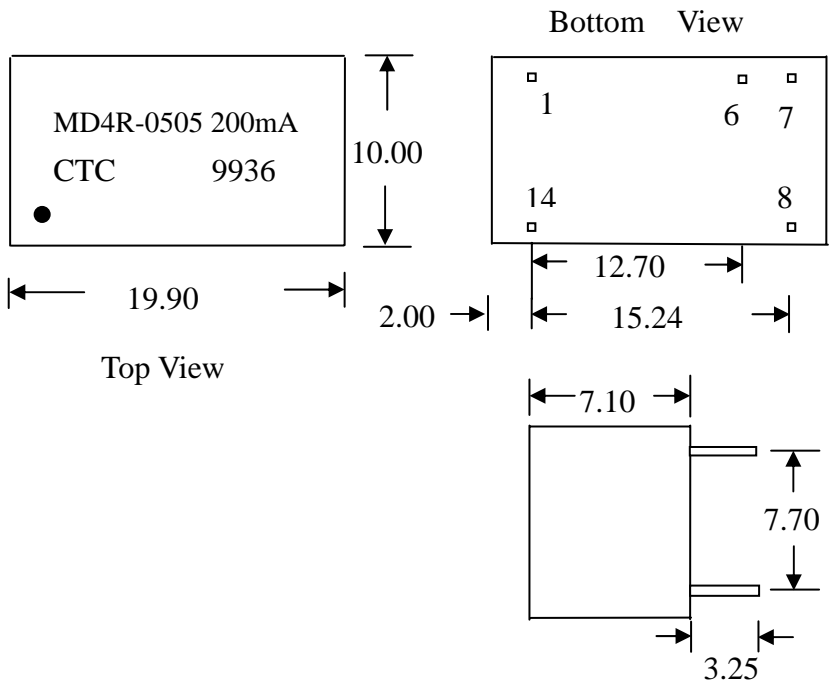
- Input voltage range ----- $\pm 5\%$
- Input voltage range(option)----- Capacitor
- Output voltage accuracy ----- $\pm 5\%$
- Line voltage regulation ----- 1.0% Max.
- Load voltage regulation ----- 1.0% Max.
- Ripple&noise/20MHZ BW ----- 100mV P-P Max.
- Efficiency at full load----- 50% Min
- Isolation voltage----- 1000 Vdc Min.
- Short circuit protection ----- 1.0 Second
- Operating temperature range ----- -40°C to 71°C
- Storage temperature range ----- -55°C to 125°C
- Isolation resistance ----- 10G Ω Min.
- Isolation capacity ----- 80pF Typ.
- Package weight----- 2.9g



Note : Input voltage range $\pm 10\%$ is available request

Selection Guide				
Part Number	Input Voltage (VDC)	Output Voltage (VDC)	Output Current (mA)	Efficiency (%)
MD4R-0505/1	5	5	150	60
MD4R-0505	5	5	200	58
MD4R-0512	5	12	84	62
MD4R-0515	5	15	66	65
MD4R-1205/1	12	5	150	60
MD4R-1205	12	5	200	58
MD4R-1212	12	12	84	62
MD4R-1215	12	15	66	65
MD4R-1505/1	15	5	150	60
MD4R-1505	15	5	200	58
MD4R-1512	15	12	84	62
MD4R-1515	15	15	66	65
MD4R-2405/1	24	5	150	60
MD4R-2405	24	5	200	58
MD4R-2412	24	12	84	62
MD4R-2415	24	15	66	65

Package Style And Pinning (mm)



PIN	FUNCTION
1	-VIN
6	NC
7	+VOUT
8	-VOUT
14	+VIN

*Note : Terminal ----- 0.51 X 0.25 Flat Pin
 TOL. : ±0.25mm
 UNIT : mm