

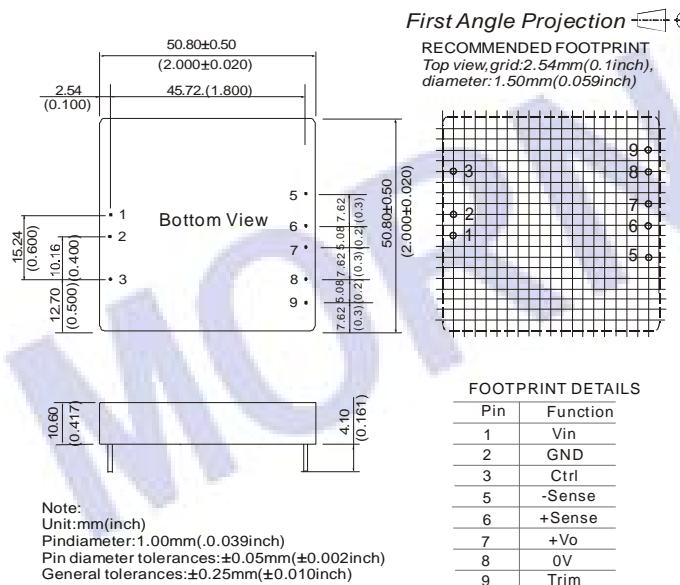
COMMON SPECIFICATION

Item	Test Conditions	Min	Typ	Max	Units
Storage Humidity		5		95	%
Operating Temperature		-40		+85	
Storage Temperature		-55		+125	°C
Temp. Rise at Full Load			70		
Lead Temperature	1.5mm from case for 10 seconds			300	
Isolation voltage	Test for 1 minute and 1 mA max	1500			VDC
Isolation resistance	Test at 500VDC	1000			MΩ
Isolation capacitance	100KHz /0.1V		2000		pF
Switching Frequency	Nominal, full load		300		KHz
MTBF	MIL-HDBK-217F	1000			K hours
Weight			60		g
Cooling					Free Air Convection
Case material					Nickel-coated copper(six-sided shield)

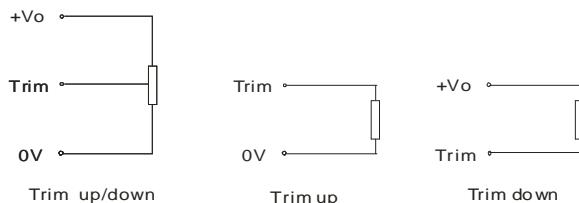
Note:

- All specifications are measured at TA=25°C, humidity<75%, nominal input voltage and rated output load unless otherwise specified.
- The products cannot be used in parallel and in plug and play.
- The CTRL pin voltage is referenced to GND.
- Typical Eff value at nominal input voltage and full load.
- Capacitor MAX load tested at nominal input voltage and constant resistive load.
- Refer to the diagram of Output Voltage trim up/down for trim applications.

OUTLINE DIMENSIONS & PIN CONNECTIONS



OUTPUT VOLTAGE TRIM UP/DOWN



RECOMMENDED CIRCUIT

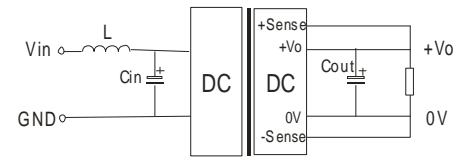
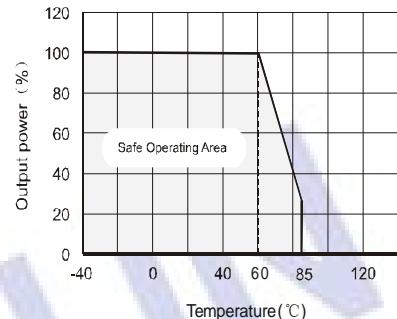


Fig.1

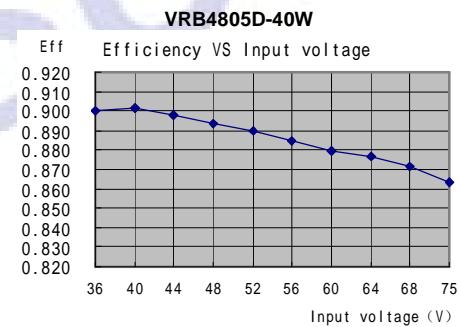
In order to obtain better performance for the DC/DC models, it's recommended that use input and output filters as Fig.1 shown.

DERATING & EFFICIENCY CURVE

① Temperature derating curve



② Efficiency Vs Input voltage



③ Efficiency Vs Load

