





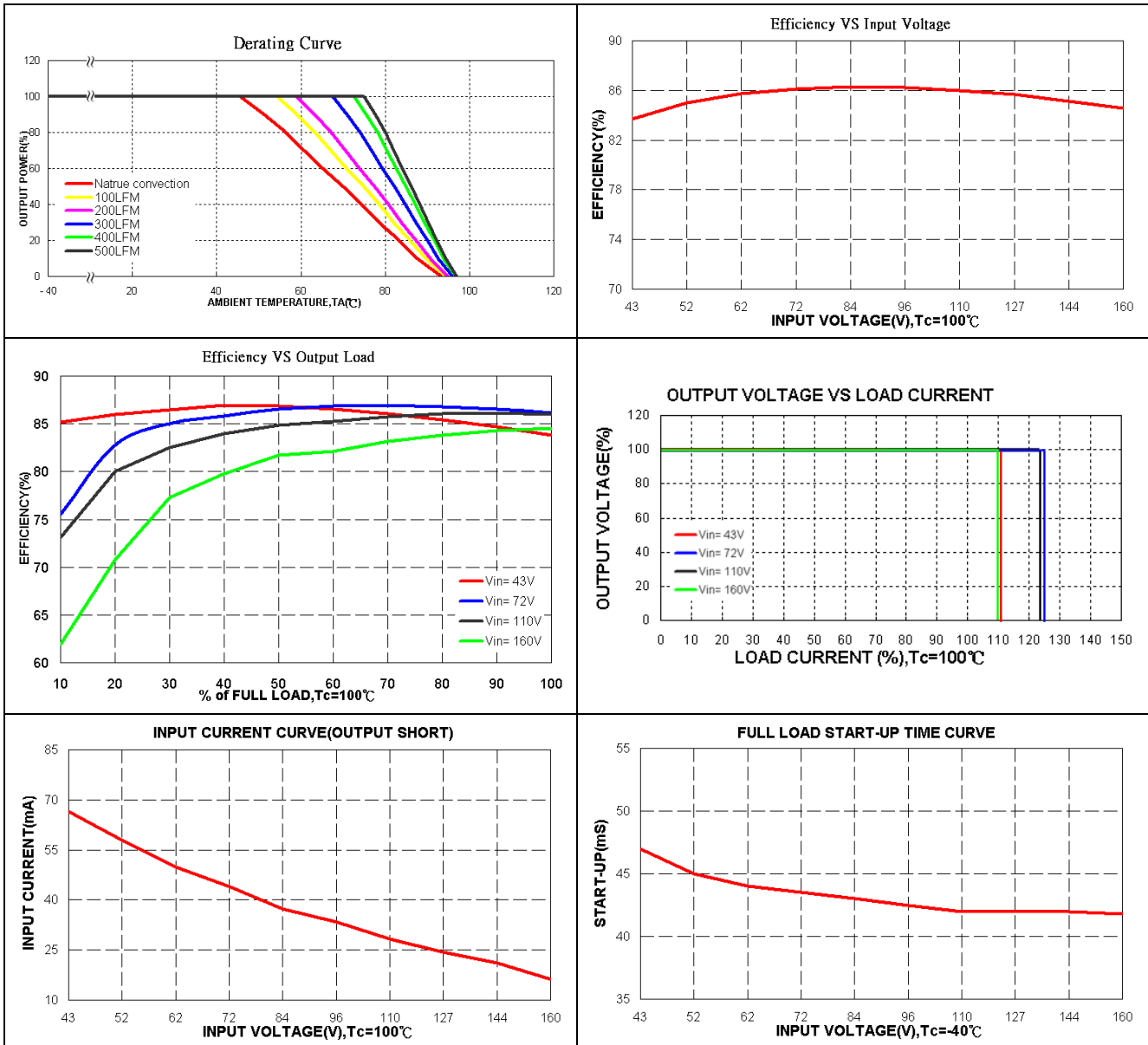
**Note**

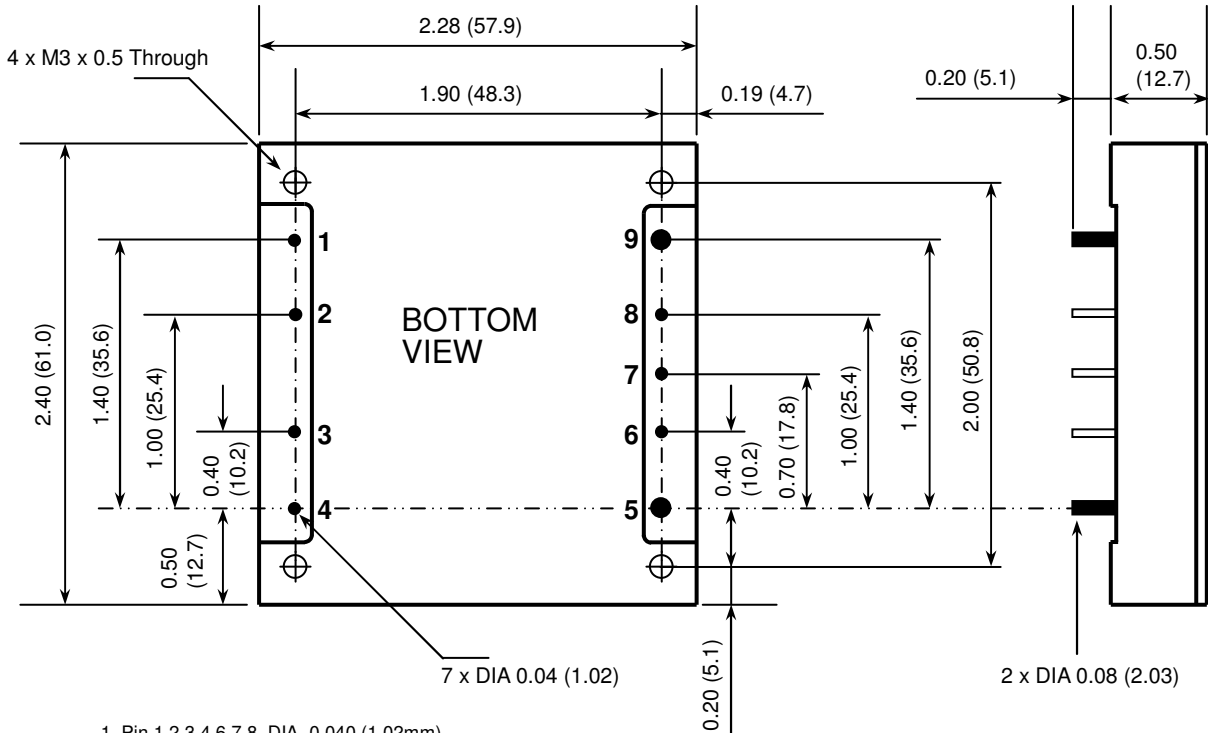
1. Maximum value at nominal input voltage and full load.
2. Typical value at nominal input voltage and no load.
3. Typical value at nominal input voltage and full load.
4. Test by minimum Vin and constant resistive load.
5. The pin voltage is referenced to negative input.
6. Output voltage is adjustable for 10% trim up or -20% trim down of nominal output voltage by connecting a single resistor between TRIM and +SENSE pins for trim up or between TRIM and -SENSE pins for trim down. To calculate the value of the resistor Ru and Rd for a particular output voltage uses the following equation:

$$R_U = \left( \frac{V_{OUT}(100 + \Delta\%)}{1.225\Delta\%} - \frac{(100 + 2\Delta\%)}{\Delta\%} \right) K\Omega$$

$$R_D = \left( \frac{100}{\Delta\%} - 2 \right) K\Omega$$

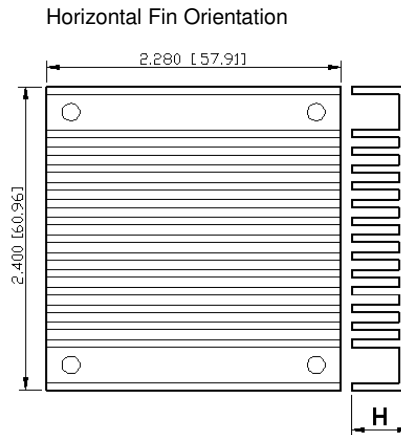
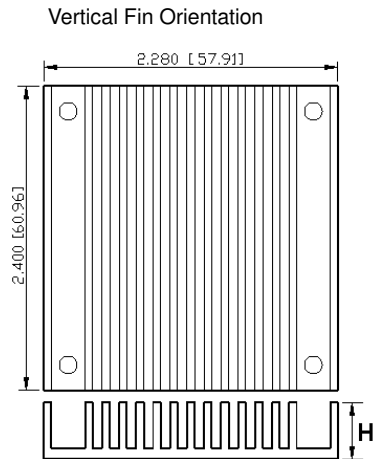
7. Maximum output deviation is +10% inclusive of remote sense. If remote sense is not being used, the +SENSE should be connected to its corresponding +OUTPUT and likewise the -SENSE should be connected to its corresponding -OUTPUT.
8. Measured with a 1µF and a 4.7µF X7R MLCC
9. Heat sink is optional and P/N: 7G-0021A-F, 7G-0022A-F, 7G-0023A-F, 7G-0024A-F





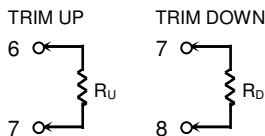
1. Pin 1,2,3,4,6,7,8. DIA. 0.040 (1.02mm)  
Pin 5,9. DIA. 0.080 (2.03mm)
2. All dimensions in inches (mm)
3. Tolerance :x.xx±0.02 (x.x±0.5)  
x.xxx±0.01 (x.xx±0.25)
4. Pin pitch tolerance ±0.01 (0.25)
5. Pin dimension tolerance ±0.004(0.1)

Product option			Suffix
Heat-sink	H= 0.24" Vertical	7G-0023A-F	- HS2
	H= 0.45" Vertical	7G-0021A-F	- HS
	H= 0.24" Horizontal	7G-0022A-F	- HS1
	H= 0.45" Horizontal	7G-0024A-F	- HS3



**EXTERNAL OUTPUT TRIMMING**

Output can be externally trimmed by using the method shown below.



**PIN CONNECTION**

PIN	Define	Diameter
1	- INPUT	0.04 Inches
2	NC	0.04 Inches
3	CTRL	0.04 Inches
4	+ INPUT	0.04 Inches
5	+ OUTPUT	0.08 Inches
6	+ SENSE	0.04 Inches
7	TRIM	0.04 Inches
8	- SENSE	0.04 Inches
9	- OUTPUT	0.08 Inches