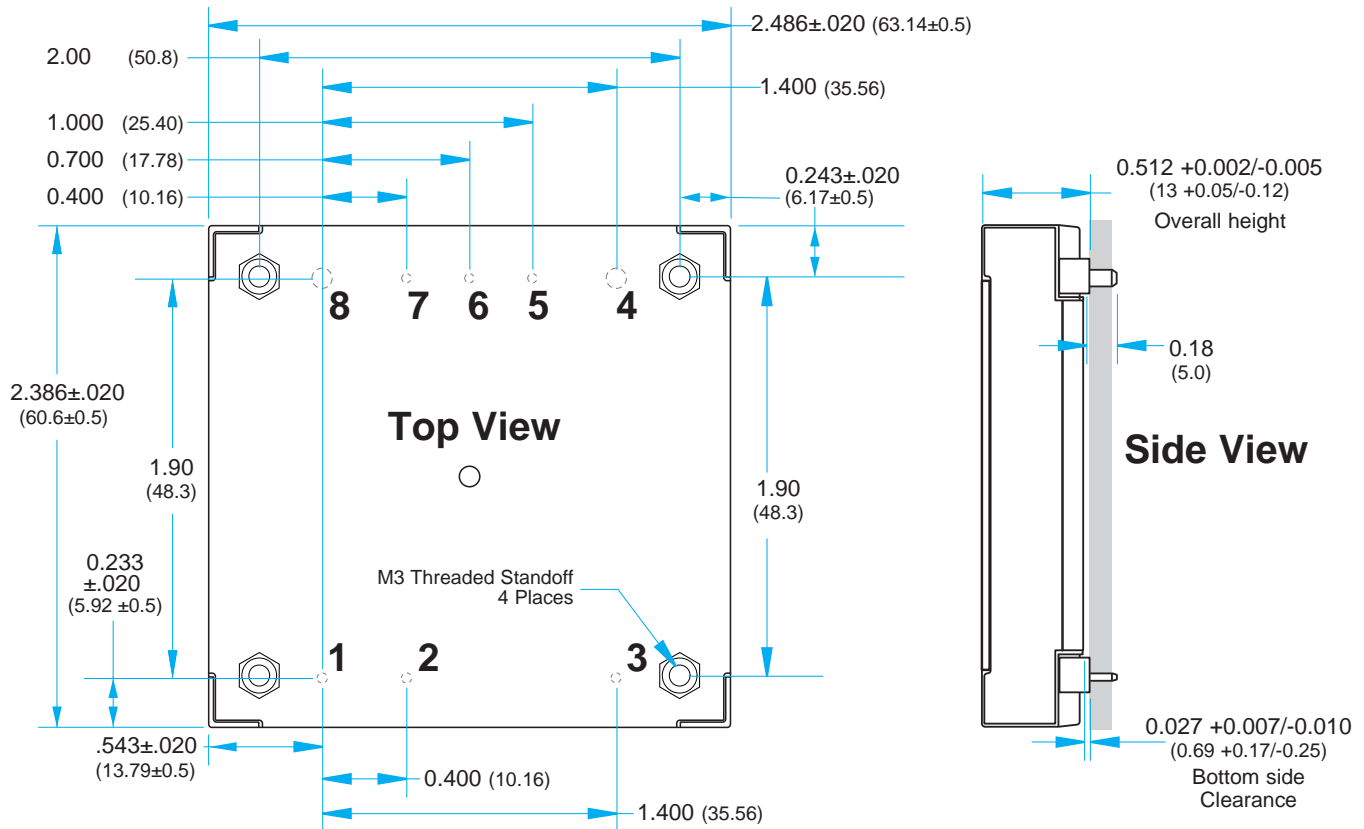


# MECHANICAL DIAGRAM



## NOTES

- 1) Pins 1-3, 5-7 are 0.040" (1.02 mm) diameter with 0.080" (2.03 mm) diameter standoff shoulders.
- 2) Pins 4 and 8 are 0.080" (2.03 mm) diameter with 0.125" (3.18 mm) diameter standoff shoulders.
- 3) Recommended pin length is 0.03" (0.76 mm) greater than the PCB thickness.
- 4) All Pins: Material - Copper Alloy; Finish - Matte Tin over Nickel plate
- 5) Weight: 5 oz. (142 g) typical
- 6) All dimensions in inches (mm)  
Tolerances: x.xx +/-0.02 in. (x.x +/-0.5 mm)  
x.xxx +/-0.010 in. (x.xx +/-0.25 mm)
- 7) Workmanship: Meets or exceeds current IPC-A-610 Class II
- 8) Applied torque per screw should not exceed 6in-lb. (0.7 Nm).
- 9) Baseplate flatness tolerance is 0.004" (.10 mm) TIR for surface.

## PIN DESIGNATIONS

Pin No.	Name	Function
1	Vin (+)	Positive input voltage
2	ON/OFF	TTL input to turn converter on and off, referenced to Vin (-) with internal pull up
3	Vin (-)	Negative input voltage
4	Vout (-)	Negative output voltage
5	SENSE (-)	Negative remote sense <sup>1</sup>
6	TRIM	Output voltage trim <sup>2</sup>
7	SENSE (+)	Positive remote sense <sup>3</sup>
8	Vout (+)	Positive output voltage

### Notes:

1. SENSE(-) should be connected to Vout(-) either remotely or at the converter.
2. Leave TRIM pin open for nominal output voltage.
3. SENSE(+) should be connected to Vout(+) either remotely or at the converter.