



## DOSA Standard Specification

Product Name: Third Generation, High Density,  
Non-Isolated MICRO Converter

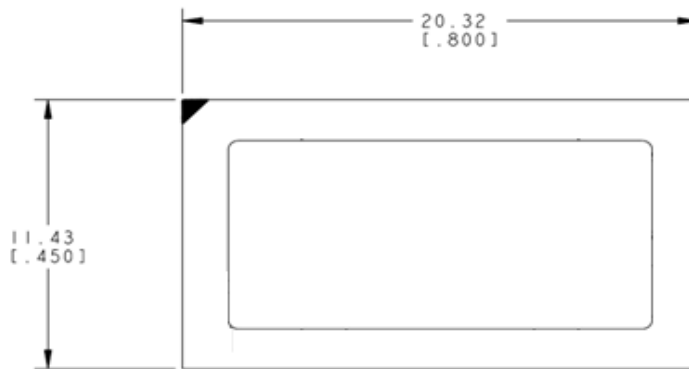
Last Updated: September 15, 2010

### Mechanical Specifications – Digital/Analog Modules

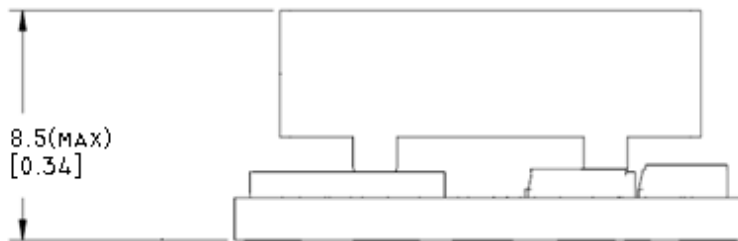
Dimensions are in millimeters and [inches].

Tolerances:  $x.x \text{ mm} \pm 0.5 \text{ mm}$  [ $x.xx \text{ in.} \pm 0.02 \text{ in.}$ ] (unless otherwise indicated)

$x.xx \text{ mm} \pm 0.25 \text{ mm}$  [ $x.xxx \text{ in.} \pm 0.010 \text{ in.}$ ]

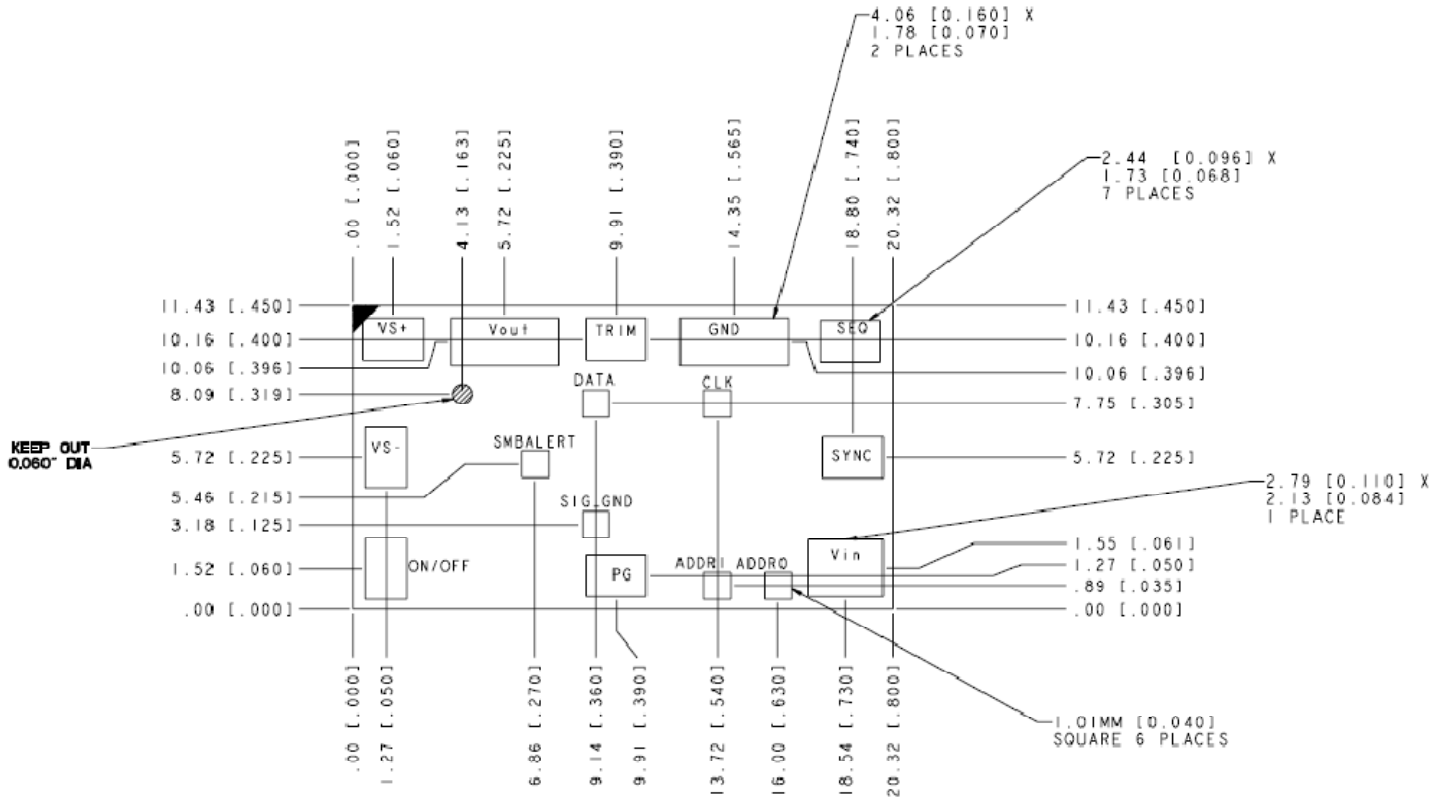


TOP VIEW



SIDE VIEW

**Distributed-power Open Standards Alliance (DOSA) Standard Specification Document**



RECOMMENDED FOOTPRINT  
-THROUGH THE BOARD-

PIN	FUNCTION	PIN	FUNCTION
1*	ON/OFF	10*	SYNC/NC <sup>+</sup>
2*	VIN	11	CLK/NC <sup>+</sup>
3*	SEQ/NC <sup>+</sup>	12	DATA/NC <sup>+</sup>
4*	GND	13	SMBALERT/NC <sup>+</sup>
5*	TRIM	14	SIG_GND/NC <sup>+</sup>
6*	VOUT	15	ADDR1/NC <sup>+</sup>
7*	VS+/NC <sup>+</sup>	16	ADDR0/NC <sup>+</sup>
8*	VS-/NC <sup>+</sup>		
9*	PG/NC <sup>+</sup>		

\* Location, spacing, and numbering of these pins conforms to Second Generation DOSA Standard Specification: Non-Isolated, Next Generation, High Density 4.5-14Vin, 12A DC/DC Converter (DOSA Doc.#: S05012-A).

+ Pin function is NC if feature not equipped