



DOSA Standard Specification

Product Name: Single Output Pin Quarter Brick DC/DC Converter

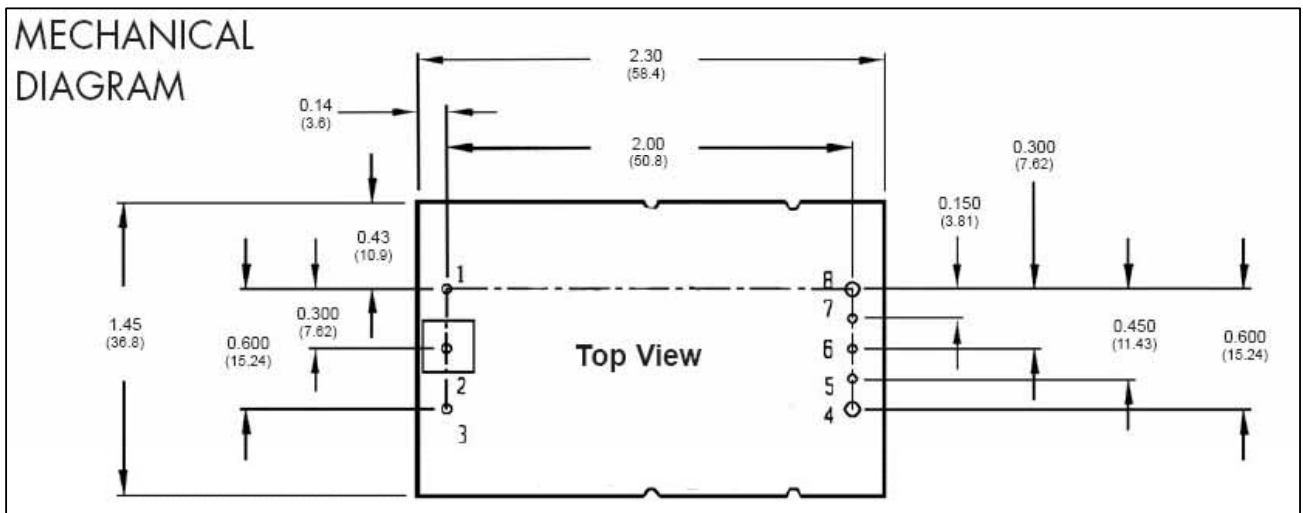
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General Specifications

Parameter	Specifications	Notes
Output Current Range	Up to 50A	Applies to all Quarter Bricks (Un-regulated, semi-regulated, fully-regulated)

Mechanical Specifications

DOSA quarter brick converters will be offered in through-hole configurations only.



Pin Dimensions:

Through Hole: Pins 4 and 8 are 0.062" (1.57mm) diameter, pins 1-3, 5-7 are 0.040" (1.02mm) diameter.

Pin Designations:

Pin	Function
1	Vin (+)
2	On/Off
3	Vin (-)
4	Vout (-)
5	<i>Sense (-)</i>
6	<i>Trim</i>
7	<i>Sense (+)</i>
8	Vout (+)

Note: The presence of pins 6-8, in *Gray Italics*, is dependent on the output voltage regulation of the converter.