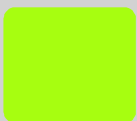


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MODEL SELECTION

A^①05^②05^③X^④T^⑤

- ① Product Series
- ② Input Voltage
- ③ Output Voltage
- ④ Fixed Input
- ⑤ SMD Package



CE REACH

Application Notes

Minimum load

The minimum load to meet datasheet specification is 10% of the full rated load across the specified input voltage range. Lower than 10% minimum loading will result in an increase in output voltage, which may rise to typically double the specified output voltage if the output load falls to less than 5%.

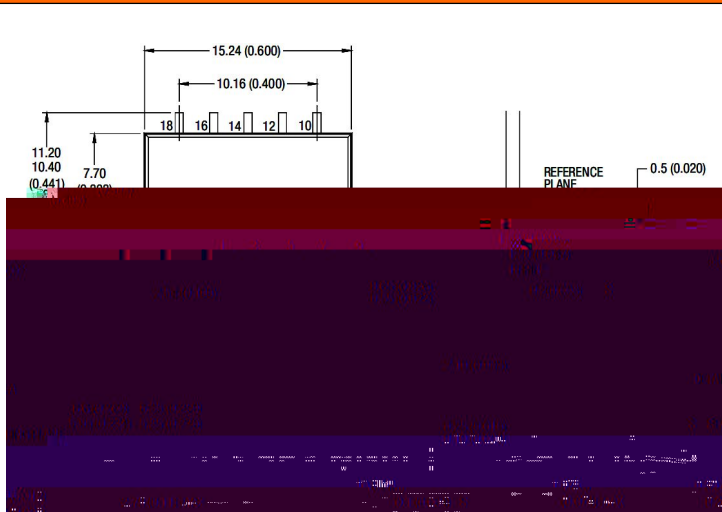
Capacitive loading and start up

Typical start up times for this series, with a typical input voltage rise time of 2.2 μ s and output capacitance of 10 μ F, are shown in the table below. The product series will start into a capacitance of 47 μ F with an increased start time, however, the maximum recommended output capacitance is 10 μ F.

Application

OUTLINE DIMENSIONS & FOOTPRINT DETAILS

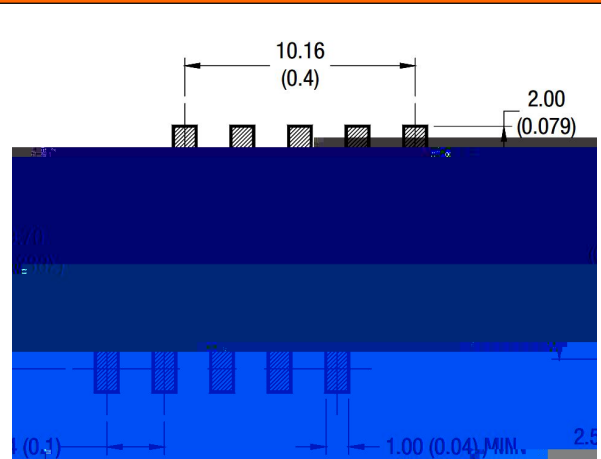
MECHANICAL DIMENSIONS



Note:
Unit:mm[inch]
Pin section tolerances:±0.10mm[±0.004inch]
General tolerances:±0.25mm[±0.010inch]

Weight: 1.53g

SOLDER PAD DIMENSION



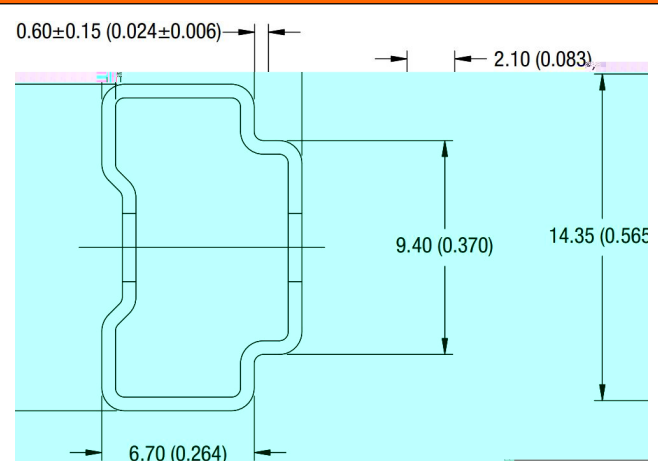
Dimensions in [mm], () = Inch
Pin pitch tolerances: ±0.13 (±0.005)
Other tolerances: ±0.25 (±0.01)

FOOTPRINT DETAILS

Pin	Dual
1	-Vin
3	+Vin
5	NA
7	0V
9	-Vout
10	NA
12	+Vout
14	NA
16	NA
18	NA

NA - Not available for electrical connection.

TUBE OUTLINE DIMENSIONS



Unless otherwise stated all dimensions in mm±0.5 (inches ±0.02).
Tube length : 475±2.0 (18.70±0.07). Tube Quantity :25

Specifications can be changed any time without notice.

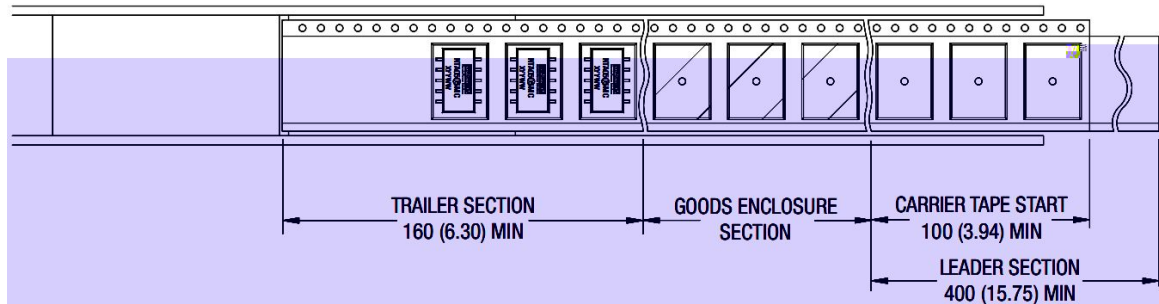
No parallel connection or plug and play.

Note:

1. The load shouldn't be less than 10%, otherwise ripple will increase dramatically.
2. Operation under 10% load will not damage the converter; However, they may not meet all specification listed.
3. All specifications measured at Ta=25°C, humidity<75%, nominal input voltage and rated output load unless otherwise specified.
4. In this datasheet, all the test methods of indications are based on corporate standards.
5. Only typical models listed, other models may be different, please contact our technical person for more details.

Tape & Reel Specifications

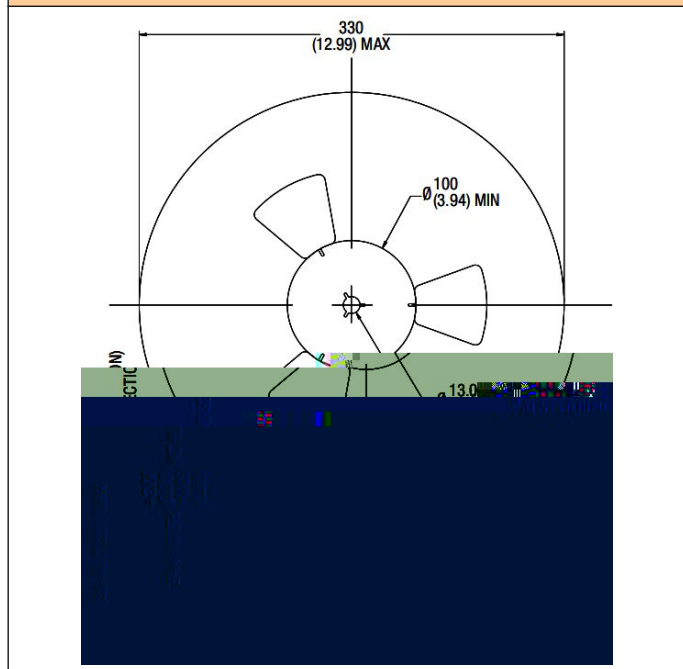
Reel Packaging Details



Product Orientation

Pin 1, located nearest to carrier drive sprocket.
Reel Quantity : 500

Reel Outline Dimensions



Tape Outline Dimensions

