

MMT-480V-100VA-48V

100 VA Micro Transformer - 480V Input Voltage - 48V Output Voltage

Product ID: 313188



Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

MMT-480V-100VA-48V Micro Transformer

Phase: Single Phase
Frequency: 50/60 Hz
VA: 100 VA
Primary Voltage: 480 V
Primary Connection: Series (V)
Primary FCAN (Std.): 0 x 0%
Primary FCBN (Std.): 0 x 0%
Secondary Voltage: 48 V
Secondary Connection: Series (V)
Material: Copper
Primary Termination: Terminal Block
Secondary Termination: Terminal Block
Insulation: 130°C
Temperature Rise: 80°C
Enclosure Material: Injection Molded Cover
Mounting: Heavy Steel Feet
Dimensions: 2.71" x 4.7" x 3"

Approvals/Ratings

Listing: UL Listed
Approved for US and Canada
CE Mark Standard
RoHS Compliant

Special Orders - Special Requirements

Contact us for special requirements
Toll Free: 1-800-369-6671
Intl: 1-903-270-1187
Fax: 1-903-498-3364
E-mail: sales@larsonelectronics.com

The MMT-480V-100VA-48V from Larson Electronics is a 480 V Micro Transformer that is powerful and reliable. With high-quality silicon steel laminations, the MMT-480V-100VA-48V provides increased reliability and protection against critical equipment failures. This micro transformer features a terminal block design that allows for hook up along with the ability to easily install fuse clips to the unit. The molded coil covers give this micro transformer superior cooling abilities and a sleek appearance. **Transformer Features:** With a transformer rating of 100 VA, the MMT-480V-100VA-48V is a machine tool industrial micro transformer with a primary voltage

of 480 V. It also provides a secondary voltage of 48 V. Featuring compact construction, this unit's cores are manufactured with high-quality silicon steel laminations using state of the art technology.

Connecting this unit is simple thanks to the terminal connection numbers being molded into the terminal block which corresponds to the nameplate and wiring diagrams. A fin-shaped, injection molded coil cover gives this unit superior cooling abilities. The unit also features a 130°C insulation class with a 80°C temperature rise.

Benefits: The MMT-480V-100VA-48V micro transformer offers many benefits to the consumer. Full encapsulation of the windings and internal terminations ensures that the unit is protected from moisture, dirt, dust and other contaminants. Removable finger safe terminal covers contribute towards the overall clean and sleek look of the unit. The design features make this a great choice for industrial tool applications.

This micro transformer has heavy steel mounting feet that are either welded or bolted to the core. This transformer features terminal block terminations.

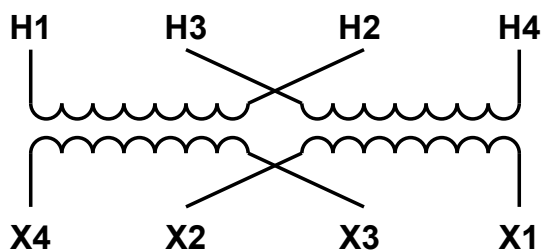
Applications: Power Management, Industrial

Larson Electronics is a manufacturer and as such can build stationary and portable transformer systems to your specifications. Although we carry several models of power distribution transformer systems, we can deliver custom ordered units almost as quickly as our prebuilt units. If this model does not meet your needs, please contact us at 1-800-369-6671 or sales@larsonelectronics.com to discuss your specific requirements.

Wiring Diagram

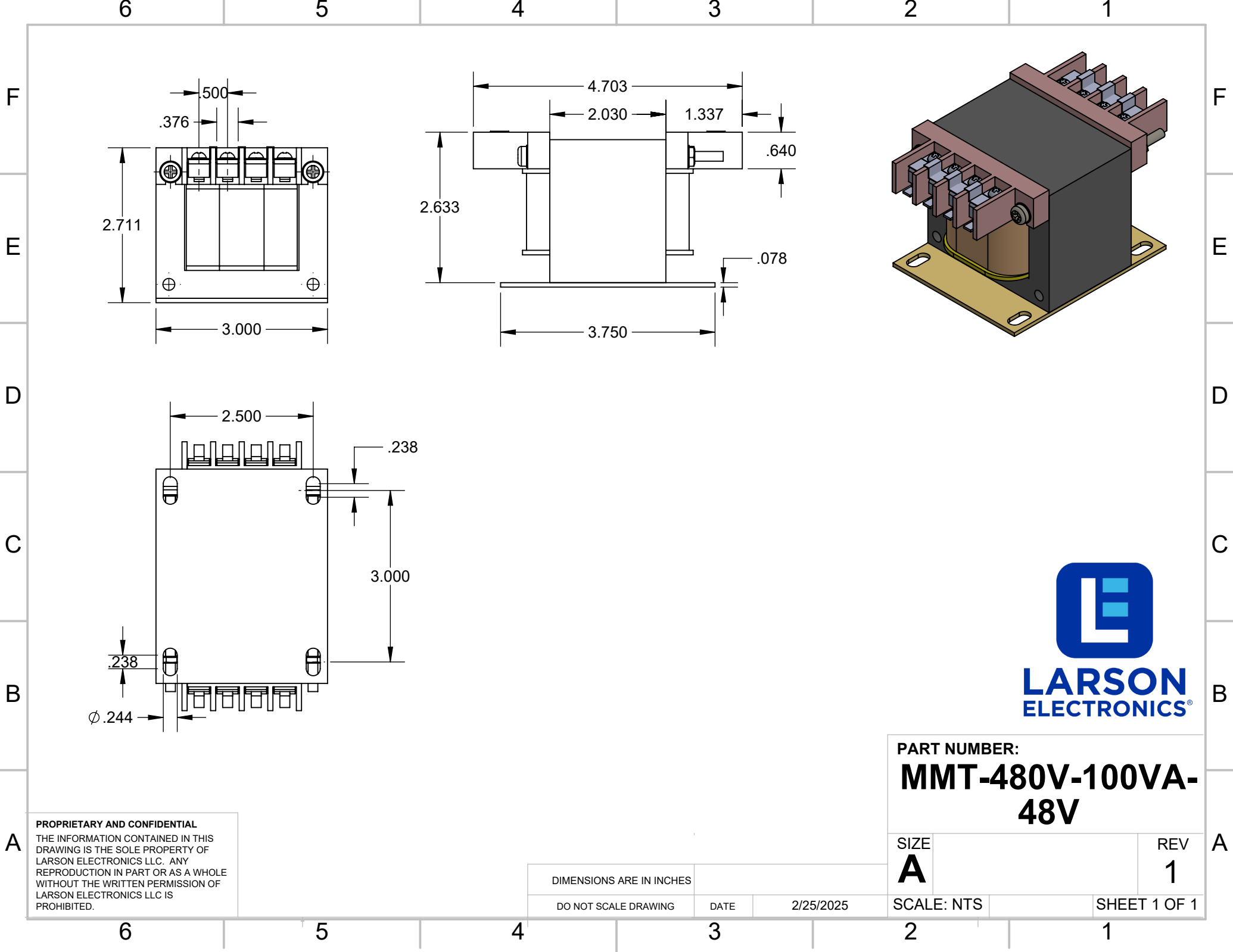
WARNING: DO NOT SERVICE WHILE ENERGIZED!

MMT-480V-100VA-48V



Primary Volts	Connect Lines To	Interconnect
480	H1-H4	H3-H2
240	H1-H4	H2-H4, H3-H1

Secondary Volts	Connect Lines To	Interconnect
48	X1-X4	X3-X2
24	X1-X4	X2-X4, X3-X1



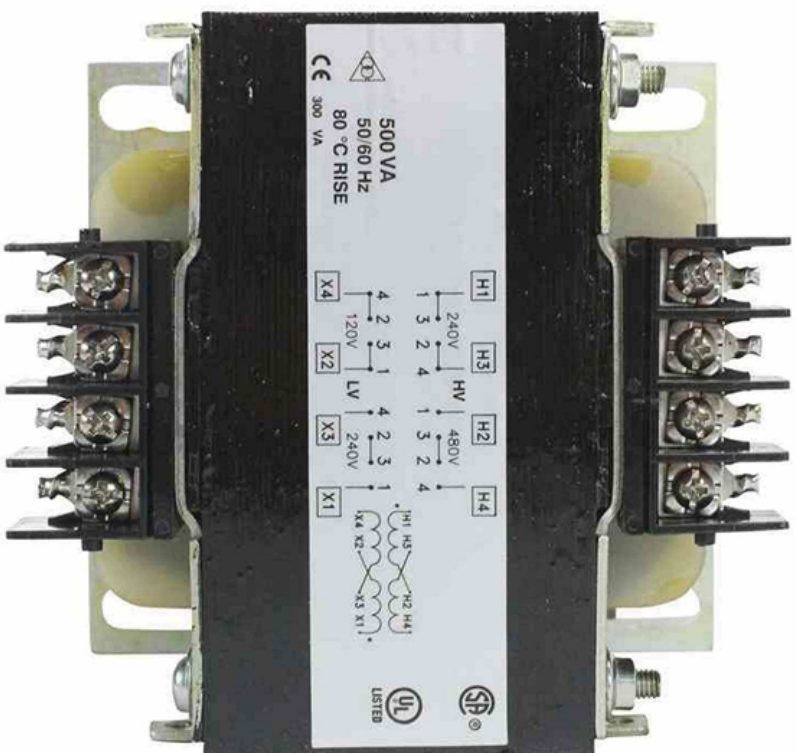
PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS
DRAWING IS THE SOLE PROPERTY OF
LARSON ELECTRONICS LLC. ANY
REPRODUCTION IN PART OR AS A WHOLE
WITHOUT THE WRITTEN PERMISSION OF
LARSON ELECTRONICS LLC IS
PROHIBITED.

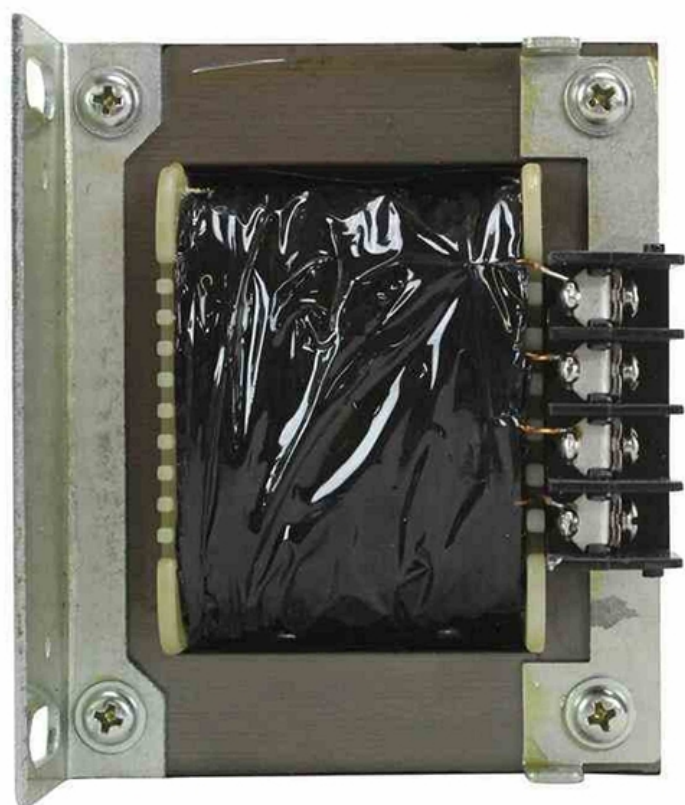
DIMENSIONS ARE IN INCHES			SCALE: NTS	SHEET 1 OF 1
DO NOT SCALE DRAWING	DATE	2/25/2025		



PART NUMBER:
MMT-480V-100VA-
48V

SIZE	REV
A	1









Frequently Asked Questions (FAQ)