

**LINEAR TRANSFORMER INFORMATION GATHERING SHEET**

IDENTIFICATION:

Manufacturer \_\_\_\_\_  
Linear \_\_\_\_\_ Ferro-Resonant \_\_\_\_\_ Switching \_\_\_\_\_ Industrial Control \_\_\_\_\_  
Other \_\_\_\_\_ (Please Indicate)  
Recognition \_\_\_\_\_ Listing \_\_\_\_\_

CORE INFORMATION:

Powdered Iron Core: Yes \_\_\_ No \_\_\_  
Laminated Sheet Steel: Yes \_\_\_ No \_\_\_  
Other (Please Describe) \_\_\_\_\_

Overall Dimensions: Length \_\_\_\_\_ Width \_\_\_\_\_ Stack Thickness \_\_\_\_\_  
Window Dimensions: Width \_\_\_\_\_ Height \_\_\_\_\_  
EI, EE, UI or Torrid? \_\_\_\_\_

WINDING INFORMATION:

Magnet Wire: (Aluminum) (Copper)  
How is it wound: (Random) (Layer) (Precision)

BOBBIN INFORMATION:

Material \_\_\_\_\_  
Name of Manufacturer \_\_\_\_\_  
Grade or Type \_\_\_\_\_  
Recognized Component Plastic Material? Yes \_\_\_ No \_\_\_  
Thickness: Wall \_\_\_\_\_ Flange \_\_\_\_\_  
2 Flange, 3 Flange or 2-2 Flange? \_\_\_\_\_

RATINGS:

Primary: Voltage \_\_\_\_\_ V, \_\_\_\_\_ Hz  
Secondary: No. 1 \_\_\_\_\_ V, \_\_\_\_\_ A  
              No. 2 \_\_\_\_\_ V, \_\_\_\_\_ A  
              No. 3 \_\_\_\_\_ V, \_\_\_\_\_ A

LEAD INFORMATION:

Primary: \_\_\_\_\_ AWG (Cu) (Al) \_\_\_\_\_ # of turns  
          Insulation Type \_\_\_\_\_ Temp. Rating \_\_\_\_\_ Voltage Rating \_\_\_\_\_  
Secondary: \_\_\_\_\_ AWG (Cu) (Al) \_\_\_\_\_ # of turns  
          Insulation Type \_\_\_\_\_ Temp. Rating \_\_\_\_\_ Voltage Rating \_\_\_\_\_  
Secondary: \_\_\_\_\_ AWG (Cu) (Al) \_\_\_\_\_ # of turns  
          Insulation Type \_\_\_\_\_ Temp. Rating \_\_\_\_\_ Voltage Rating \_\_\_\_\_  
Secondary: \_\_\_\_\_ AWG (Cu) (Al) \_\_\_\_\_ # of turns  
          Insulation Type \_\_\_\_\_ Temp. Rating \_\_\_\_\_ Voltage Rating \_\_\_\_\_

END BELLS:

Material \_\_\_\_\_  
Thickness \_\_\_\_\_  
Overall Dimensions \_\_\_\_\_ by \_\_\_\_\_ secured to core by \_\_\_\_\_

TERMINAL INFORMATION:

(Plated Brass) (Plated Steel) (Wire Binding Screw No. \_\_\_)  
(Quick Connect Terminal \_\_\_ Thick) (Other \_\_\_\_\_)

Recognized Component Terminal Block? Yes \_\_\_ No \_\_\_  
Manufacturer \_\_\_\_\_  
Part No. \_\_\_\_\_  
Ratings \_\_\_\_\_ V, \_\_\_\_\_ A

PROTECTIVE DEVICE:

Current: Yes \_\_\_ No \_\_\_ Rating \_\_\_\_\_  
Temperature (if applicable) Rating \_\_\_\_\_  
Manufacturer \_\_\_\_\_  
Part No. \_\_\_\_\_  
Recognized or Listed? No \_\_\_ Yes \_\_\_  
Physical Location on Transformer \_\_\_\_\_

ENCLOSURE INFORMATION:

Overall Dimensions: Length \_\_\_\_\_ Width \_\_\_\_\_ Depth \_\_\_\_\_  
Door Dimensions: Length \_\_\_\_\_ Width \_\_\_\_\_ Offset \_\_\_\_\_  
Material \_\_\_\_\_  
Recognized Component Organic Coating? Yes \_\_\_ No \_\_\_  
Coating Manufacturer \_\_\_\_\_  
Type Designation \_\_\_\_\_

MOUNTING BRACKETS:

Material \_\_\_\_\_  
Thickness \_\_\_\_\_

POTTING COMPOUND:

Material and Type Designation \_\_\_\_\_  
Recognized Component? Yes \_\_\_ No \_\_\_

INSULATION SYSTEM:

Varnish? Yes \_\_\_ No \_\_\_  
Manufacturer \_\_\_\_\_ Designation \_\_\_\_\_  
Encapsulant? Yes \_\_\_ No \_\_\_  
Manufacturer \_\_\_\_\_ Designation \_\_\_\_\_  
Recognized: Yes \_\_\_ No \_\_\_  
Temperature Rating \_\_\_\_\_ °C

Insulation Class (105) (130) (155) (180) (200) (220)  
Insulation System Designation \_\_\_\_\_, (OBJY2) File Number E \_\_\_\_\_

Fill in the attached page with all applicable materials by thickness of each layer, number of layers and material identification. If a particular item does not apply to your design, please indicate so.

Any additional components not outlined above, please provide an additional information sheet describing the component, electrical ratings, wiring method, and securement method.

DESCRIPTION  
OF  
CLASS \_\_\_\_\_ (\_\_\_) INSULATING SYSTEM  
FILE E \_\_\_\_\_, Designation \_\_\_\_\_

Item	Description
	Insulation Between Secondary and Core (Material/Thickness)
	Insulation Between Primary and Core (Material/Thickness)
	Insulation Between Lead Connections and Adjacent Winding (Material/Thickness)
	Bobbin or Coil Spool (Material/Thickness)
	Outer Wrapper (Material/Thickness)
	Insulation Between Primary Layers (Material/Thickness)
	Insulation Between Secondary Layers (Material/Thickness)
	Crossover Lead Insulation (Material/Thickness)
	Insulation Between Windings Primary - Primary (Material/Thickness)
	Insulation Between Windings Primary - Secondary (Material/Thickness)
	Insulation Between Windings Secondary - Secondary (Material/Thickness)
	Window Insulation (Material/Thickness)