PRODUCT INFORMATION SHEET

To assist us with expediting your submittal, we encourage you to provide the items checked below as completely as possible. If you cannot provide us with all the information requested, please contact us to discuss alternative information sources. **Note: Footnotes are attached to provide additional information on the items listed below.**

Tabulation of Products to be Investigated (Model or Cat. Nos. to appear in reports.)

Intended Use and Special Features of Device Ratings - (Electrical, environmental, operating temperature, etc.).

Electrical Schematics

Printed Wiring Board Foil Trace Layout - (Component, interlayer and solder side).

Electrical Components - (Located in Power circuitry; Type number, manufacturer, ratings)

Instructions, Markings, and Wiring Diagram

Applicant and Manufacturer Information

Polymeric Materials - (Manufacturer, type number and where used)

Transformer Insulation System

Power Switching Semiconductors - Manufacturer's temperature versus current curves.

Mechanical drawings - (Detailed, high quality drawings such as CAD drawings may be beneficial if they are available)

FOOTNOTES

The following notes refer to items on page 1

1. These are the models you wish to have investigated. If a family of models are involved, please provide us with your nomenclature system so that it may be added to your Report. In many cases a family of models may be investigated through representative testing. Nomenclature systems are also useful to document variations of the investigated products to provide you with additional manufacturing flexibility.

2. Please briefly describe the products intended use and unique features so we may tailor the testing program for your specific needs. Rough draft advertising literature is fine.

3. Please specify the input and output electrical ratings such as voltage, current, wattage, frequency and the type of load controlled. (e.g., resistive, inductive, horsepower, pilot duty).

4. Schematics allow us to trace the circuitry, determine where and what spacing between circuits is required. Logic circuit schematics are not needed but would be helpful. Multi-page schematics can be difficult and time consuming to evaluate. If possible, please provide a single page schematic of the entire circuit if multiple boards are involved. As an alternate, a description of the point to point connection conventions has been helpful.

5. Please provide us with 1:1 copies of the foil pattern and surface silk screen artwork for your printed wiring boards. It is very helpful if the different circuits (primary/secondary/output) are differentiated. This may be done by color coding the traces to identify the circuit, and then adding in the potential differences. If this scheme is used, please provide us with a color coded electrical schematic using the same colors.

6. A list of the components used in power handling circuitry is needed. Please include the manufacturer's name, type number, and its designation in the device.

7. Please provide artwork of all markings and of installation instructions. Either rough or final draft form will be fine. Wiring diagrams and operation instructions will be needed for testing the device.

8. Any additional information that is not included on the Application Forms is needed. Please list the manufacturer(s), their contact person, phone and FAX numbers if known.

10. Provide any information that is available on the construction of the transformer if one is used. An transformer information form is attached and should be filled out unless the transformer has been previously investigated by UL.

12. Detailed drawings of the main parts of the device are very helpful and speed the preparation of your descriptive report. To reduce cost, we suggest that you send these drawings as 8-1/2 by 11 in. page format.

13. Please provide us with the following samples: []

Model Nos.	No. of Samples Requested
_____	_____
_____	_____
_____	_____

Note: If this device is provided with potting, please provide us with one unpotted sample for construction review and descriptive purposes.

TRANSFORMER INFORMATION REQUEST

A - IDENTIFICATION
TYPE:
GAS TUBE SIGN _____ IGNITION _____ GENERAL PURPOSE _____ POWER____
MANUFACTURER _____ PART NO. _____
RECOGNIZED COMPONENT: YES ___ NO ___ FILE NO. _____ (IF YES)

NOTE:
IF TRANSFORMER IS RECOGNIZED, THE INFORMATION REQUEST BELOW IS NOT REQUIRED.

B - CORE INFORMATION
LAMINATED SHEET STEEL: YES_____ NO ____ OTHER (please describe on separate sheet)

C - DIMENSIONS (specify in mm or inches)

LENGTH TOLERANCE	WIDTH TOLERANCE	THICKNESS TOLERANCE
____in. ± _____	____in. ± _____	____in. ± _____
____in. ± _____	____in. ± _____	____in. ± _____

D - PRIMARY WINDINGS
NO. OF TURNS _____ AWG _____ NO. OF LAYERS _____
DC RESISTANCE _____ AMBIENT TEMPERATURE AT TIME OF MEASUREMENT ____°C

E - SECONDARY WINDINGS (If more than one winding, please identify winding by number on schematic supplied to us.)

	NUMBER OF TURNS	AWG	NUMBER OF LAYERS	DC RESISTANCE	AMBIENT TEMPERATURE AT TIME OF MEASUREMENT
1					
2					
3					
4					
5					

F - INSULATION SYSTEM - Indicate thickness of each layer, number of layers and material identification or bobbin (if applicable).

1. BETWEEN PRIMARY LAYERS:	
2. BETWEEN PRIMARY AND SECONDARY:	
3. CROSSOVER LEAD INSULATION:	
4. SECONDARY TO SECONDARY: (if applicable)	
5. SECONDARY TO CORE:	
6. BETWEEN SECONDARY LAYERS:	
7. OUTER WRAP:	
8. PRIMARY TO CORE: (if bobbin, specify)	

TRANSFORMER INFORMATION REQUEST

G - BOBBIN INFORMATION (if applicable)
MANUFACTURER
RECOGNIZED: YES_____ NO _____
MATERIAL DESIGNATION _____

DIMENSIONS (specify inches or mm)			
LENGTH	WIDTH	HEIGHT	THICKNESS
in.	in.	in.	in.
mm	mm	mm	mm

H - POTTING COMPOUND (if applicable)
MANUFACTURER: _____ PART NO. _____
RECOGNIZED: YES _____ NO _____
TEMPERATURE RATING _____

I - PROTECTIVE DEVICE (current or temperature device)
CURRENT: YES _____ NO _____ RATING _____
TEMPERATURE: (if applicable) RATING _____
MANUFACTURER _____
PART NO. _____
RECOGNIZED OR LISTED? YES ___ NO ___

J - RATINGS

PRIMARY: Voltage ____, ____Hz, Current ____, Power ____W

SECONDARY No. 1: Voltage____ Current ____ Capacity ____VA

No. 2: ____ ____ ____

No. 3: ____ ____ ____

No. 4: ____ ____ ____

No. 5: ____ ____ ____

K - TERMINAL BLOCK (if applicable)
MATERIAL _____
MANUFACTURER _____ MODEL NO. _____
RECOGNIZED: YES ____ NO ____
TIGHTENING TORQUE VALUES _____
WIRE SIZE _____ SOLID ____ STRANDED ____
COPPER ___ ALUMINUM ____