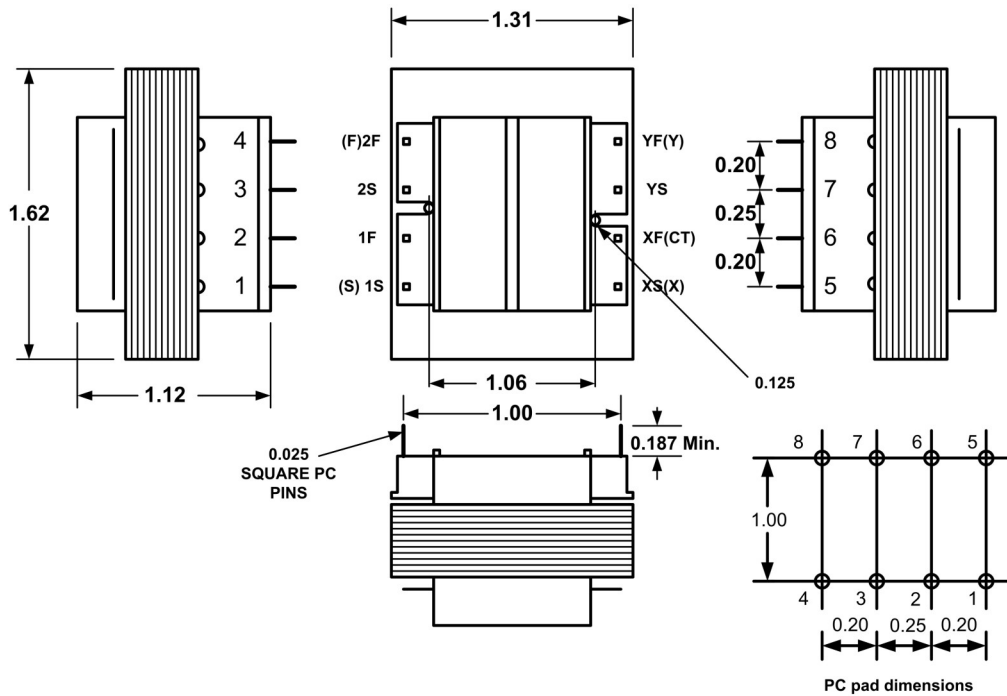


ADMIRAL CLASS - INTERNATIONAL PRINTED CIRCUIT MOUNT, POWER TRANSFORMER



1. Electrical Specifications

- A. Maximum Power: 2.5VA
- B. Input Voltage and Frequency: 115V, 115/230V, 230V 50/60Hz
- C. Voltage Regulation: 20% TYP @ full load to no load
- D. Temperature Rise: 25°C TYP
- E. Insulation Resistance: > 1MEG ohm
- F. Hi-Pot: 4000Vrms 1 minute @ Pri to Sec
4000Vrms 1 minute @ Pri to Core
4000Vrms 1 minute @ Sec to Core

2. Marking: Ensign Corp, part number (see table), date code

3. Safety:

- UL/cUL 5085-2 Recognized (File 47299)
- UL 60950 Recognized Construction (File E144070)
- VDE 0805 Licensed (File 19019-3336-9002/A1C)
- UL 1446 Recognized Insulation System (File 95662)



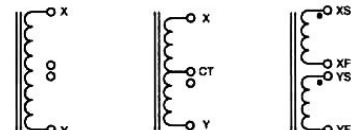
Primary Schematics



Single Input
(Specify 115V,
120V, 230V or
240V)

Dual Input
(Specify
115/230V or
120/240V)

Secondary Schematics



Single
Output

Center-Tapped
Output

Dual
Output

Part Number			Series Connection	Parallel Connection
115V	115/230V	230V		
IP002-1-010X	IP002-2-010X	IP002-3-010X	10VCT @ 0.25A	5V @ 0.50A
IP002-1-012X	IP002-2-012X	IP002-3-012X	12.6VCT @ 0.20A	6.3V @ 0.40A
IP002-1-016X	IP002-2-016X	IP002-3-016X	16VCT @ 0.15A	8V @ 0.30A
IP002-1-020X	IP002-2-020X	IP002-3-020X	20VCT @ 0.12A	10V @ 0.24A
IP002-1-024X	IP002-2-024X	IP002-3-024X	24VCT @ 0.10A	12V @ 0.20A
IP002-1-028X	IP002-2-028X	IP002-3-028X	28VCT @ 0.09A	14V @ 0.18A
IP002-1-036X	IP002-2-036X	IP002-3-036X	36VCT @ 0.07A	18V @ 0.14A



**POWER TRANSFORMER
ADMIRAL CLASS**

**IP002-1-XXXX
IP002-2-XXXX
IP002-3-XXXX**

CONTENTS OF THIS DRAWING ARE SUBJECT TO
CHANGE WITHOUT PRIOR NOTICE

Ensign Corporation
201 ENSIGN RD., BELLEVUE, IA 52031

Dim: Inches

Sheet 1 of 1

PROPRIETARY NOTICE: THIS DRAWING PRINT OR DOCUMENT AND SUBJECT MATTER DISCLOSED HEREIN ARE PROPRIETARY ITEMS TO WHICH ENSIGN RETAINS THE EXCLUSIVE RIGHT OF DISSEMINATION, MANUFACTURE AND SALE. THIS DRAWING, PRINT OR DOCUMENT IS SUBMITTED IN CONFIDENCE FOR CONSIDERATION BY THE RECIPIENT ALONE UNLESS PERMISSION FOR FURTHER DISCLOSURE IS EXPRESSLY GRANTED IN WRITING