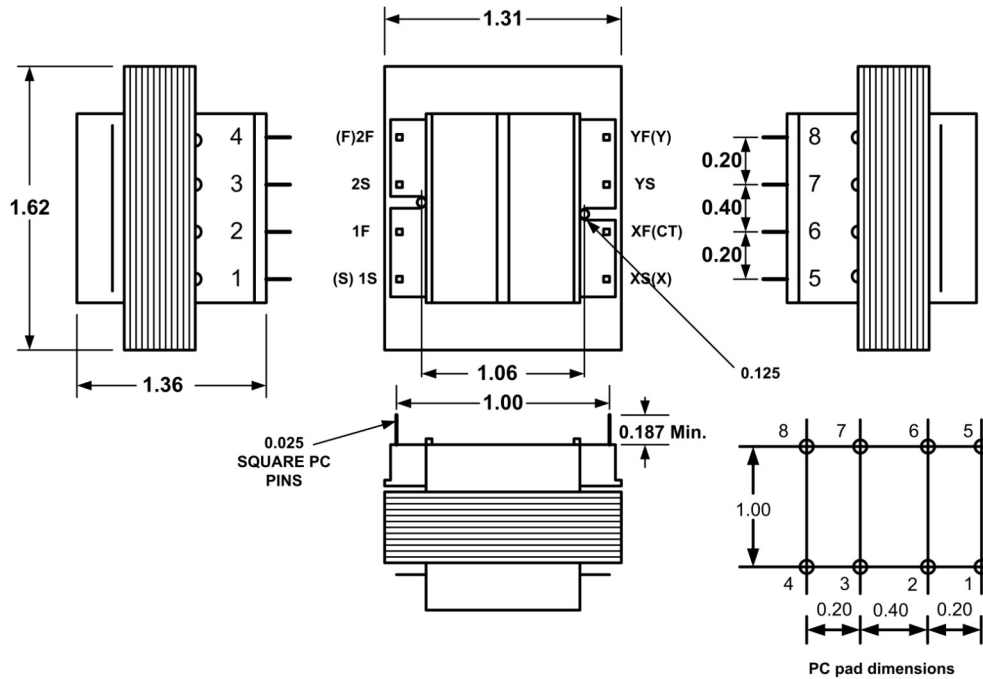


# ADMIRAL CLASS - INTERNATIONAL PRINTED CIRCUIT MOUNT, POWER TRANSFORMER



## 1. Electrical Specifications

- A. Maximum Power: 5VA
- B. Input Voltage and Frequency: 115V, 115/230V, 230V 50/60Hz
- C. Voltage Regulation: 18% TYP @ full load to no load
- D. Temperature Rise: 25°C TYP
- E. Insulation Resistance: > 1 MEG 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 Construction (File 47299)
- UL 60950 Recognized (File E144070)
- VDE 0805 Licensed (File 19019-3336-9002/A1C)
- UL 1446 Recognized Insulation System (File 95662)



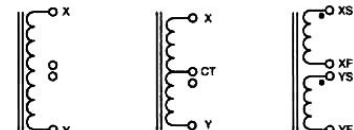
### Primary Schematics



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		
IP005-1-010X	IP005-2-010X	IP005-3-010X	10VCT @ 0.50A	5V @ 1.0A
IP005-1-012X	IP005-2-012X	IP005-3-012X	12.6VCT @ 0.40A	6.3V @ 0.80A
IP005-1-016X	IP005-2-016X	IP005-3-016X	16VCT @ 0.31A	8V @ 0.62A
IP005-1-020X	IP005-2-020X	IP005-3-020X	20VCT @ 0.25A	10V @ 0.50A
IP005-1-024X	IP005-2-024X	IP005-3-024X	24VCT @ 0.21A	12V @ 0.42A
IP005-1-028X	IP005-2-028X	IP005-3-028X	28VCT @ 0.18A	14V @ 0.36A
IP005-1-036X	IP005-2-036X	IP005-3-036X	36VCT @ 0.14A	18V @ 0.28A



**POWER TRANSFORMER  
ADMIRAL CLASS**

**IP005-1-XXXX  
IP005-2-XXXX  
IP005-3-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

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