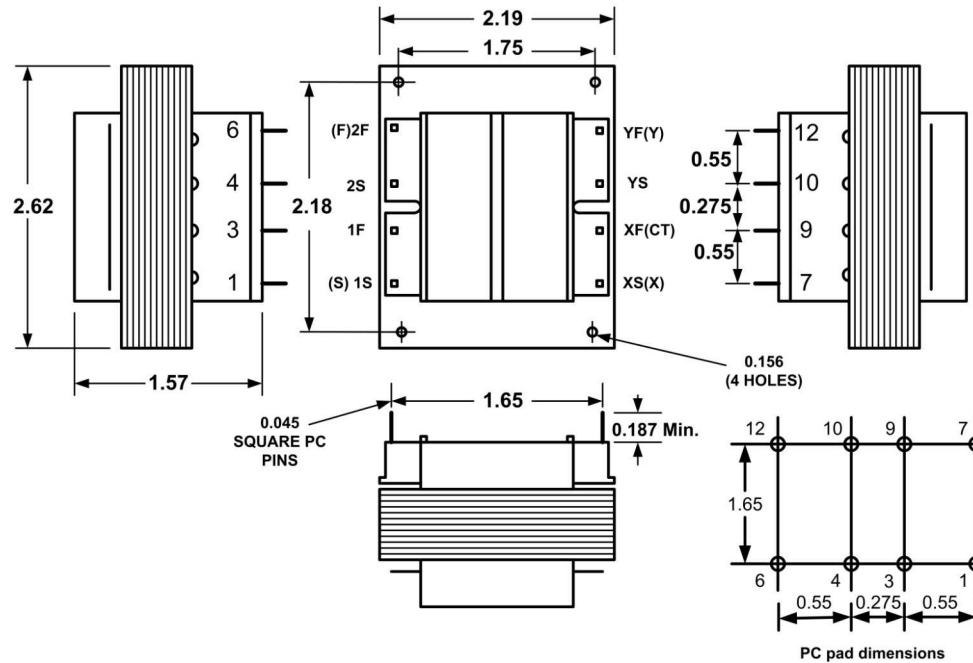


# ADMIRAL CLASS - INTERNATIONAL PRINTED CIRCUIT MOUNT, POWER TRANSFORMER



## 1. Electrical Specifications

- Maximum Power: 30VA
- Input Voltage and Frequency: 115V, 115/230V, 230V 50/60Hz
- Voltage Regulation: 15% TYP @ full load to no load
- Temperature Rise: 40°C TYP
- Insulation Resistance: > 1 MEG ohm
- 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)



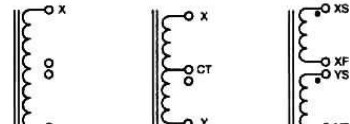
## Primary Schematics



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  |              |              |                   |                     |
|--------------|--------------|--------------|-------------------|---------------------|
| 115V         | 115/230V     | 230V         | Series Connection | Parallel Connection |
| IP030-1-010X | IP030-2-010X | IP030-3-010X | 10VCT @ 3.0A      | 5V @ 6.0A           |
| IP030-1-012X | IP030-2-012X | IP030-3-012X | 12.6VCT @ 2.4A    | 6.3V @ 4.8A         |
| IP030-1-016X | IP030-2-016X | IP030-3-016X | 16VCT @ 1.9A      | 8V @ 3.8A           |
| IP030-1-020X | IP030-2-020X | IP030-3-020X | 20VCT @ 1.5A      | 10V @ 3.0A          |
| IP030-1-024X | IP030-2-024X | IP030-3-024X | 24VCT @ 1.25A     | 12V @ 2.5A          |
| IP030-1-028X | IP030-2-028X | IP030-3-028X | 28VCT @ 1.06A     | 14V @ 2.12A         |
| IP030-1-036X | IP030-2-036X | IP030-3-036X | 36VCT @ 0.82A     | 18V @ 1.64A         |



CONTENTS OF THIS DRAWING ARE SUBJECT TO  
CHANGE WITHOUT PRIOR NOTICE

**POWER TRANSFORMER  
ADMIRAL CLASS**

**IP030-1-XXXX  
IP030-2-XXXX  
IP030-3-XXXX**

**Ensign Corporation**  
201 ENSIGN RD., BELLEVUE, IA 52031

Dim: Inches

Sheet 1 of 1

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