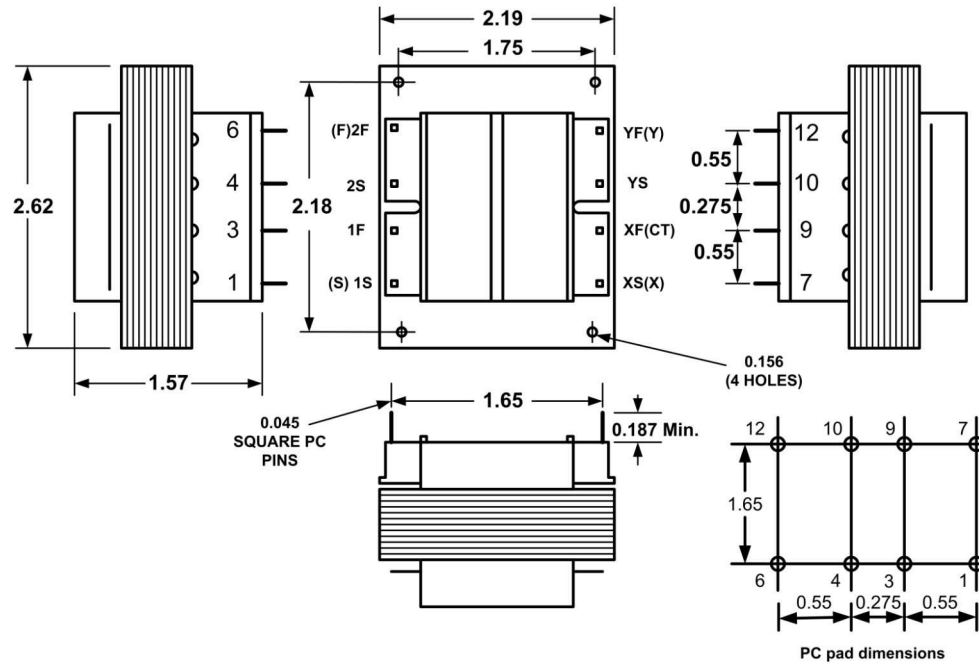


# ADMIRAL CLASS - INTERNATIONAL PRINTED CIRCUIT MOUNT, POWER TRANSFORMER



## 1. Electrical Specifications

- A. Maximum Power: 30VA
- B. Input Voltage and Frequency: 115V, 115/230V, 230V 50/60Hz
- C. Voltage Regulation: 15% TYP @ full load to no load
- D. Temperature Rise: 40°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 (File 47299)

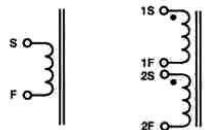
UL 60950 Recognized Construction (File E144070)

VDE 0805 Licensed (File 19019-3336-9002/A1C)

UL 1446 Recognized Insulation System (File 95662)



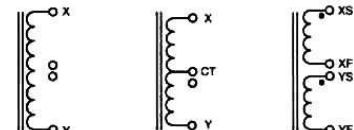
### Primary Schematics



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		
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



**POWER TRANSFORMER  
ADMIRAL CLASS**

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