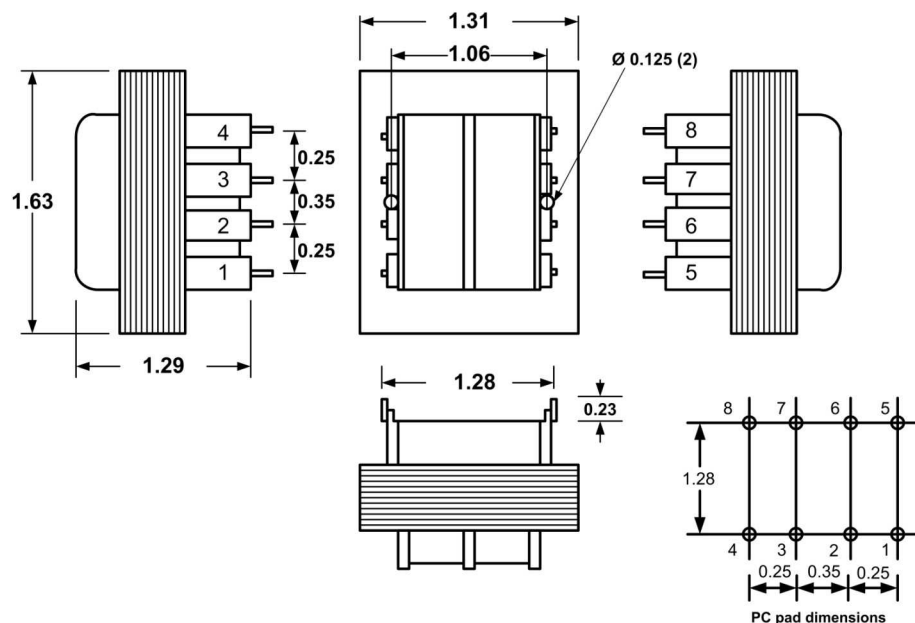


# CAPTAIN CLASS - PRINTED CIRCUIT MOUNT, STANDARD PROFILE POWER TRANSFORMER



## 1. Electrical Specifications

- A. Maximum Power: 6VA
- 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: 2500 Vrms 1 minute @ Pri to Sec  
2500 Vrms 1 minute @ Pri to Core  
1500 Vrms 1 minute @ Sec to Core

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

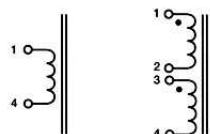
## 3. Safety:

UL/cUL 5085-2 Recognized (File 47299)

UL 1446 Recognized Insulation System (File 95662)



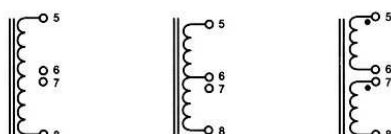
## Primary Schematics



**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 No.    |             |             |                   |                     |
|-------------|-------------|-------------|-------------------|---------------------|
| 115V        | 115/230V    | 230V        | Series Connection | Parallel Connection |
| P006-1-010X | P006-2-010X | P006-3-010X | 10VCT @ 0.6A      | 5V @ 1.2A           |
| P006-1-012X | P006-2-012X | P006-3-012X | 12.6VCT @ 0.5A    | 6.3V @ 1.0A         |
| P006-1-016X | P006-2-016X | P006-3-016X | 16VCT @ 0.4A      | 8V @ 0.8A           |
| P006-1-020X | P006-2-020X | P006-3-020X | 20VCT @ 0.3A      | 10V @ 0.6A          |
| P006-1-024X | P006-2-024X | P006-3-024X | 24VCT @ 0.25A     | 12V @ 0.5A          |
| P006-1-028X | P006-2-028X | P006-3-028X | 28VCT @ 0.2A      | 14V @ 0.4A          |
| P006-1-036X | P006-2-036X | P006-3-036X | 36VCT @ 0.17A     | 18V @ 0.34A         |
| P006-1-048X | P006-2-048X | P006-3-048X | 48VCT @ 0.125A    | 24V @ 0.25A         |
| P006-1-056X | P006-2-056X | P006-3-056X | 56VCT @ 0.11A     | 28V @ 0.22A         |
| P006-1-120X | P006-2-120X | P006-3-120X | 120VCT @ 0.05A    | 60V @ 0.1A          |



## POWER TRANSFORMER CAPTAIN CLASS

**P006-1-XXXX**  
**P006-2-XXXX**  
**P006-3-XXXX**

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

Dim: Inches

Sheet 1 of 1

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