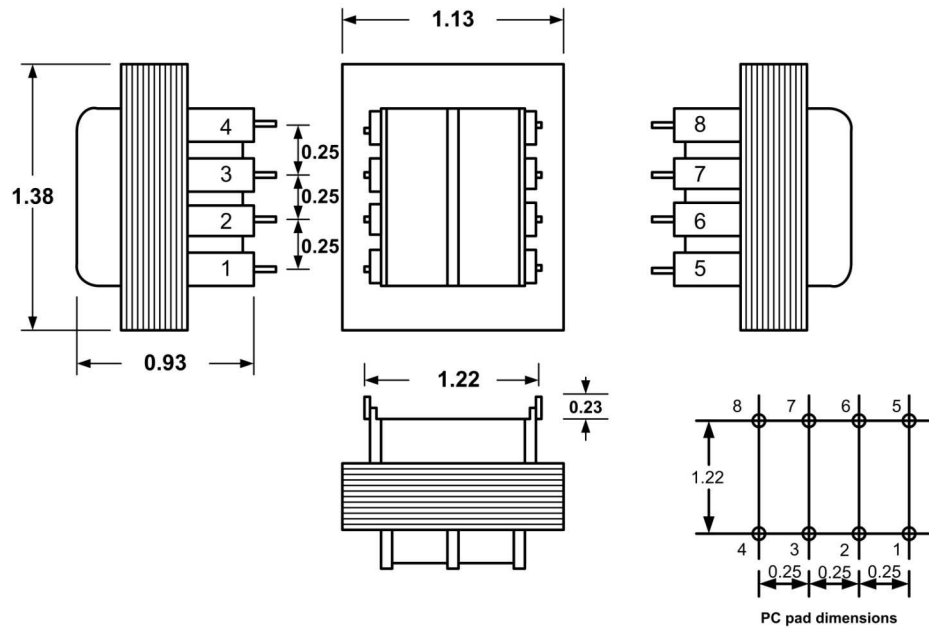


# CAPTAIN CLASS - PRINTED CIRCUIT MOUNT, STANDARD PROFILE POWER TRANSFORMER



## 1. Electrical Specifications

- A. Maximum Power: 1.1VA
- B. Input Voltage and Frequency: 115V, 115/230V, 230V @ 50/60Hz
- C. Voltage Regulation: 25% TYP @ Full Load to No Load
- D. Temperature Rise: 20°C TYP
- E. Insulation Resistance: > 1 MEG ohm
- F. Hi-Pot: 2500Vrms 1 minute @ Pri to Sec  
2500Vrms 1 minute @ Pri to Core  
1500Vrms 1 minute @ Sec to Core

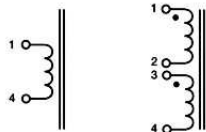
2. Marking: Ensign Corp, part number (see table), date code, terminal numbers

## 3. Safety:

- UL/cUL 5085-2 Recognized (File 47299)
- UL 1446 Recognized Insulation System (File 95662)
- UL/cUL 5085-3 Class 2 Recognized (File E43609), models marked (\*)



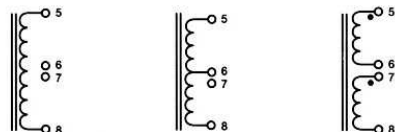
### Primary Schematics



**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		
P001-1-010X*	P001-2-010X*	P001-3-010X*	10VCT @ 0.11A	5V @ 0.22A
P001-1-012X*	P001-2-012X*	P001-3-012X*	12.6VCT @ 0.09A	6.3V @ 0.18A
P001-1-016X*	P001-2-016X*	P001-3-016X*	16VCT @ 0.07A	8V @ 0.14A
P001-1-020X*	P001-2-020X*	P001-3-020X*	20VCT @ 0.055A	10V @ 0.11A
P001-1-024X	P001-2-024X	P001-3-024X	24VCT @ 0.045A	12V @ 0.09A
P001-1-028X	P001-2-028X	P001-3-028X	28VCT @ 0.04A	14V @ 0.08A
P001-1-036X	P001-2-036X	P001-3-036X	36VCT @ 0.03A	18V @ 0.06A
P001-1-048X	P001-2-048X	P001-3-048X	48VCT @ 0.023A	24V @ 0.046A
P001-1-056X	P001-2-056X	P001-3-056X	56VCT @ 0.02A	28V @ 0.04A
P001-1-120X	P001-2-120X	P001-3-120X	120VCT @ 0.01A	60V @ 0.02A



**POWER TRANSFORMER**  
**CAPTAIN CLASS**

**P001-1-XXXX**  
**P001-2-XXXX**  
**P001-3-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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