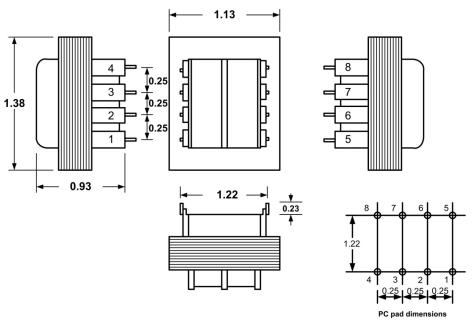
## CAPTAIN CLASS - PRINTED CIRCUIT MOUNT, STANDARD PROFILE POWER TRANSFORMER



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

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 |   | Se                                    | Secondary Schematics |                         |                |  |
|--------------------|---|---------------------------------------|----------------------|-------------------------|----------------|--|
|                    | 1 0   |                                       | 0 5<br>0 6<br>0 7    | 0 5<br>0 6<br>7         | 5<br>6<br>7    |  |
|                    | Single Input<br>(Specify 115V,<br>120V, 230V or | Dual Input<br>(Specify<br>115/230V or | Single<br>Output     | Center-Tapped<br>Output | Dual<br>Output |  |

240V)

120/240V)

|              |              |              | 1                 |                     |
|--------------|--------------|--------------|-------------------|---------------------|
|              | Part Number  |              |                   |                     |
| 115V         | 115/230V     | 230V         | Series Connection | Parallel Connection |
| 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 @ 018A         |
| 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         |

| THE FLAGSHIP OF CUSTOM MAGNETICS SINCE 1939                         | POWER TRANSFORMER<br>CAPTAIN CLASS                       | P001-1<br>P001-2<br>P001-3 | -XXXX        |
|---|--|----------------------------|--------------|
| CONTENTS OF THIS DRAWING ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE | Ensign Corporation<br>201 ENSIGN RD., BELLEVUE, IA 52031 | Dim: Inches                | Sheet 1 of 1 |

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