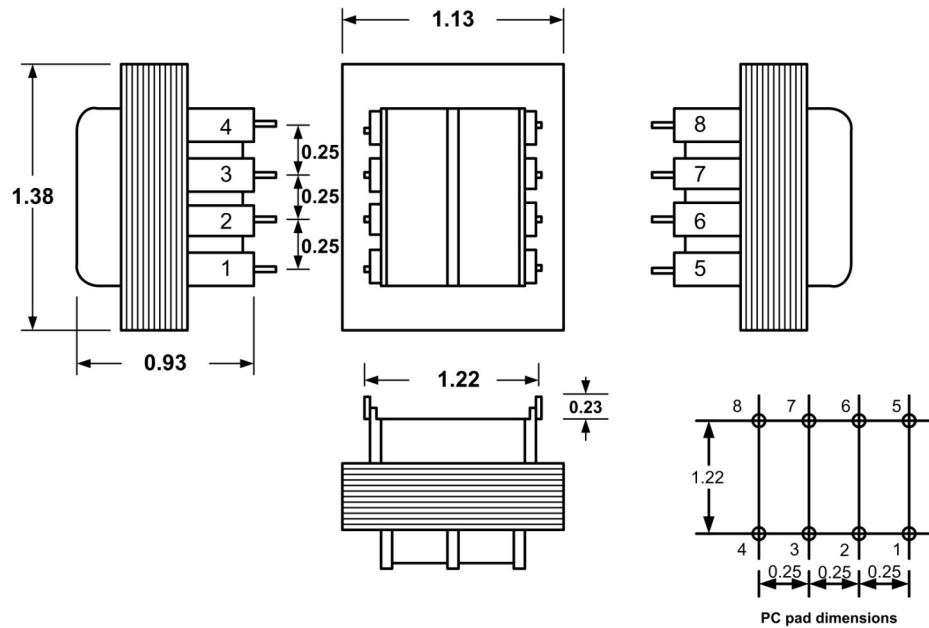


CAPTAIN CLASS - PRINTED CIRCUIT MOUNT, STANDARD PROFILE POWER TRANSFORMER



1. Electrical Specifications

- Maximum Power: 1.1VA
- Input Voltage and Frequency: 115V, 115/230V, 230V @ 50/60Hz
- Voltage Regulation: 25% TYP @ Full Load to No Load
- Temperature Rise: 20°C TYP
- Insulation Resistance: > 1 MEG ohm
- 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)

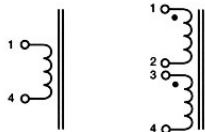
UL 1446 Recognized Insulation System (File 95662)

UL/cUL 5085-3 Class 2 Recognized (File E43609)

CLASS 2



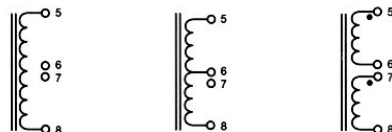
Primary Schematics



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			Secondary Connection
115V	115/230V	230V	
P001-1-710X	P001-2-710X	P001-3-710X	10V @ 0.11A
P001-1-712X	P001-2-712X	P001-3-712X	12.6V @ 0.09A
P001-1-716X	P001-2-716X	P001-3-716X	16V @ 0.07A
P001-1-720X	P001-2-720X	P001-3-720X	20V @ 0.055A

<p>THE FLAGSHIP OF CUSTOM MAGNETICS SINCE 1939</p>	<p>POWER TRANSFORMER CAPTAIN CLASS</p>		<p>P001-1-XXXX P001-2-XXXX P001-3-XXXX</p>	
	<p>CONTENTS OF THIS DRAWING ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE</p>		<p>Ensign Corporation 201 ENSIGN RD., BELLEVUE, IA 52031</p>	
<p>PROPRIETARY NOTICE: THIS DRAWING PRINT OR DOCUMENT AND SUBJECT MATTER DISCLOSED HEREIN ARE PROPRIETARY ITEMS TO WHICH ENSIGN RETAINS THE EXCLUSIVE RIGHT OF DISSEMINATION, MANUFACTURE AND SALE. THIS DRAWING, PRINT OR DOCUMENT IS SUBMITTED IN CONFIDENCE FOR CONSIDERATION BY THE RECIPIENT ALONE UNLESS PERMISSION FOR FURTHER DISCLOSURE IS EXPRESSLY GRANTED IN WRITING</p>			Dim: Inches	Sheet 1 of 1