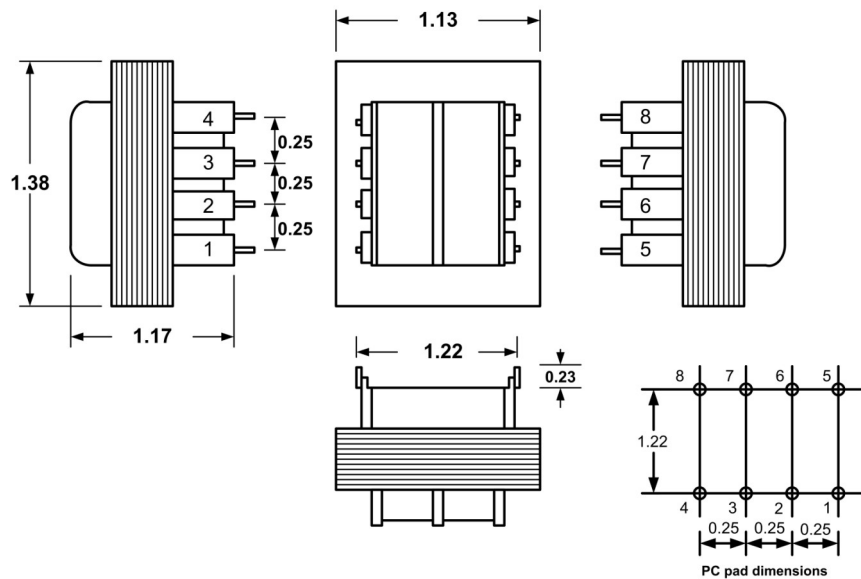


CAPTAIN CLASS - PRINTED CIRCUIT MOUNT, STANDARD PROFILE POWER TRANSFORMER



1. Electrical Specifications

- A. Maximum Power: 2.4VA
- B. Input Voltage and Frequency: 115V, 115/230V, 230V @ 50/60Hz
- C. Voltage Regulation: 18% TYP @ Full Load to No Load
- D. Temperature Rise: 20°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

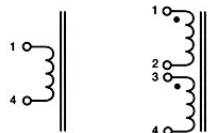
2. Marking: Ensign Corp, part number (see table), date code, terminal numbers

3. Safety:

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



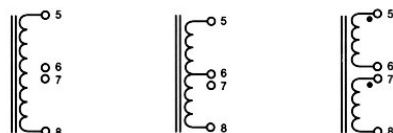
Primary Schematics



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 No.			Series Connection	Parallel Connection
115V	115/230V	230V		
P002-1-010X*	P002-2-010X*	P002-3-010X*	10VCT @ 0.25A	5V @ 0.5A
P002-1-012X*	P002-2-012X*	P002-3-012X*	12.6VCT @ 0.2A	6.3V @ 0.4A
P002-1-016X*	P002-2-016X*	P002-3-016X*	16VCT @ 0.15A	8V @ 0.30A
P002-1-020X*	P002-2-020X*	P002-3-020X*	20VCT @ 0.12A	10V @ 0.24A
P002-1-024X*	P002-2-024X*	P002-3-024X*	24VCT @ 0.1A	12V @ 0.2A
P002-1-028X	P002-2-028X	P002-3-028X	28VCT @ 0.085A	14V @ 0.17A
P002-1-036X	P002-2-036X	P002-3-036X	36VCT @ 0.065A	18V @ 0.13A
P002-1-048X	P002-2-048X	P002-3-048X	48VCT @ 0.05A	24V @ 0.1A
P002-1-056X	P002-2-056X	P002-3-056X	56VCT @ 0.045A	28V @ 0.09A
P002-1-120X	P002-2-120X	P002-3-120X	120VCT @ 0.02A	60V @ 0.04A



**POWER TRANSFORMER
CAPTAIN CLASS**

**P002-1-XXXX
P002-2-XXXX
P002-3-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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