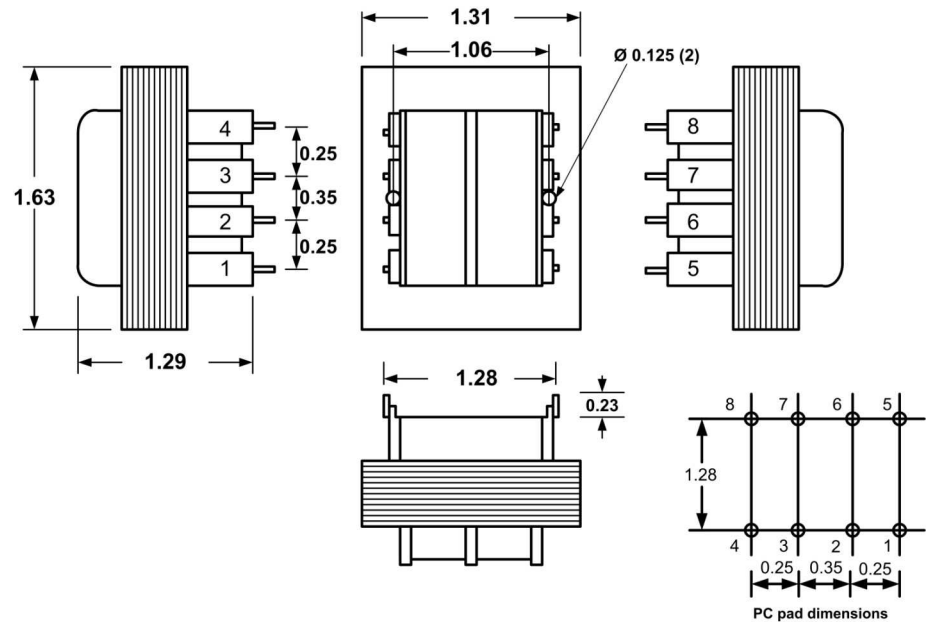


CAPTAIN CLASS - PRINTED CIRCUIT MOUNT, STANDARD PROFILE POWER TRANSFORMER



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

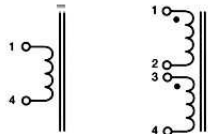
3. Safety:

UL/cUL 5085-2 Recognized (File 47299)

UL 1446 Recognized Insulation System (File 95662)



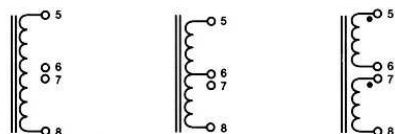
Primary Schematics



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.			Series Connection	Parallel Connection
115V	115/230V	230V		
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**

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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