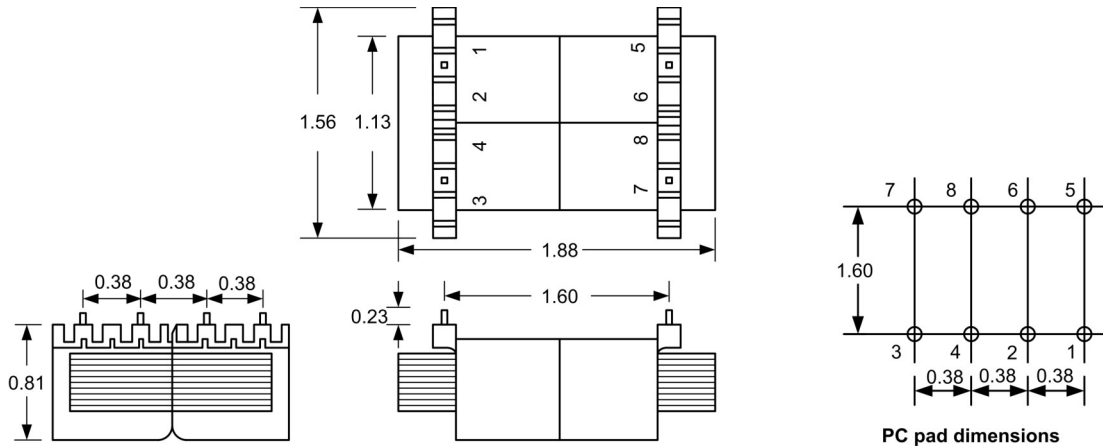


# NAVIGATOR CLASS - PRINTED CIRCUIT MOUNT, LOW PROFILE POWER TRANSFORMER



## 1. Electrical Specifications

- A. Maximum Power: 6VA
- B. Input Voltage and Frequency: 115/230V, 50/60Hz
- C. Voltage Regulation: 21% TYP @ full load to no load
- D. Temperature Rise: 30°C TYP
- E. Insulation Resistance: < 1MEG 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, country, terminal number

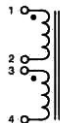
## 3. Safety:

UL/cUL 5085-2 Recognized (File 47299)

UL 1446 Recognized Insulation System (File 95662)

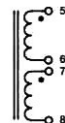


### Primary Schematics



Dual Input (Specify  
115/230V or 120/240V)

### Secondary Schematics



Dual Output

| Part Number | Series Connection | Parallel Connection |
|-------------|-------------------|---------------------|
| 115/230V    |                   |                     |
| U006-2-010X | 10VCT @ 600mA     | 5V @ 1200mA         |
| U006-2-012X | 12.6VCT @ 450mA   | 6.3V @ 900mA        |
| U006-2-016X | 16VCT @ 350mA     | 8V @ 700mA          |
| U006-2-020X | 20VCT @ 300mA     | 10V @ 600mA         |
| U006-2-024X | 24VCT @ 250mA     | 12V @ 500mA         |
| U006-2-030X | 30VCT @ 200mA     | 15V @ 400mA         |
| U006-2-034X | 34VCT @ 170mA     | 17V @ 340mA         |
| U006-2-040X | 40VCT @ 150mA     | 24V @ 300mA         |
| U006-2-056X | 56VCT @ 100mA     | 28V @ 200mA         |
| U006-2-088X | 88VCT @ 65mA      | 44V @ 130mA         |
| U006-2-120X | 120VCT @ 50mA     | 60V @ 100mA         |
| U006-2-230X | 230VCT @ 25mA     | 115V @ 50mA         |



## POWER TRANSFORMER NAVIGATOR CLASS

U006-2-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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