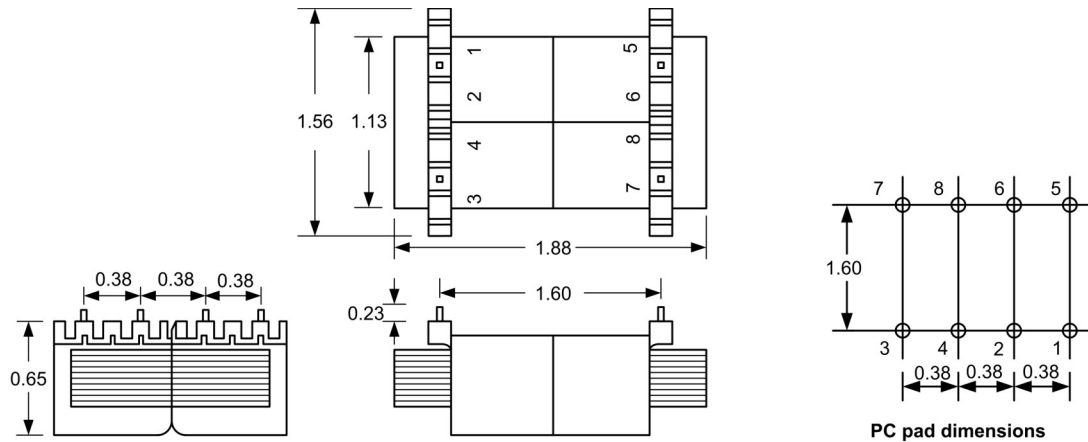


# NAVIGATOR CLASS - PRINTED CIRCUIT MOUNT, LOW PROFILE POWER TRANSFORMER



## 1. Electrical Specifications

- A. Maximum Power: 2.5VA
- B. Input Voltage and Frequency: 115/230V - 50/60Hz
- C. Voltage Regulation: 22% TYP @ full load to no load
- D. Temperature Rise: 20°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		
U002-2-010X	10VCT @ 250mA	5V @ 500mA
U002-2-012X	12.6VCT @ 200mA	6.3V @ 400mA
U002-2-016X	16VCT @ 150mA	8V @ 300mA
U002-2-020X	20VCT @ 125mA	10V @ 250mA
U002-2-024X	24VCT @ 100mA	12V @ 200mA
U002-2-030X	30VCT @ 85mA	15V @ 170mA
U002-2-034X	34VCT @ 75mA	17V @ 150mA
U002-2-040X	40VCT @ 60mA	20V @ 120mA
U002-2-056X	56VCT @ 45mA	28V @ 90mA
U002-2-088X	88VCT @ 28mA	44V @ 56mA
U002-2-120X	120VCT @ 20mA	60V @ 40mA
U002-2-230X	230VCT @ 10mA	115V @ 20mA



## POWER TRANSFORMER NAVIGATOR CLASS

U002-2-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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