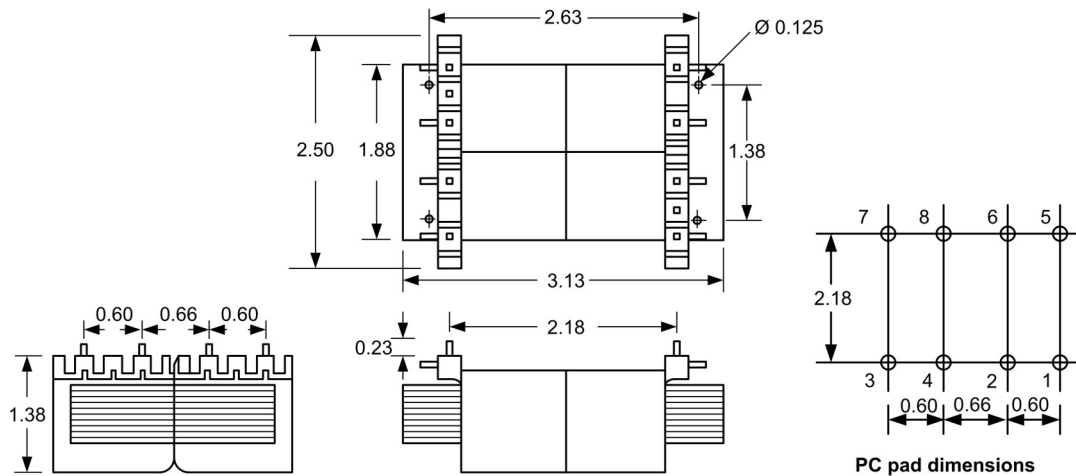


# NAVIGATOR CLASS - PRINTED CIRCUIT MOUNT, LOW PROFILE POWER TRANSFORMER



## 1. Electrical Specifications

- A. Maximum Power: 48VA
- B. Input Voltage and Frequency: 115/230V, 50/60Hz
- C. Voltage Regulation: 18% TYP, Full Load to No Load
- D. Temperature Rise: 50°C TYP
- E. Insulation Resistance: < 1MEG 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)

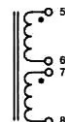


Primary Schematics



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

Secondary Schematics



Dual Output

Part Number	Series Connection	Parallel Connection
115/230V		
U048-2-010X	10VCT @ 4.8A	5V @ 9.6A
U048-2-012X	12.6VCT @ 3.8A	6.3V @ 7.6A
U048-2-016X	16VCT @ 3.0A	8V @ 6.0A
U048-2-020X	20VCT @ 2.4A	10V @ 4.8A
U048-2-024X	24VCT @ 2.0A	12V @ 4.0A
U048-2-030X	30VCT @ 1.6A	15V @ 3.2A
U048-2-034X	34VCT @ 1.4A	17V @ 2.8A
U048-2-040X	40VCT @ 1.2A	20V @ 2.4A
U048-2-056X	56VCT @ 850mA	28V @ 1.7A
U048-2-088X	88VCT @ 550mA	44V @ 1100 mA
U048-2-120X	120VCT @ 400mA	60V @ 800mA
U048-2-230X	230VCT @ 200mA	115V @ 400mA



**POWER TRANSFORMER  
NAVIGATOR CLASS**

**U048-2-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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