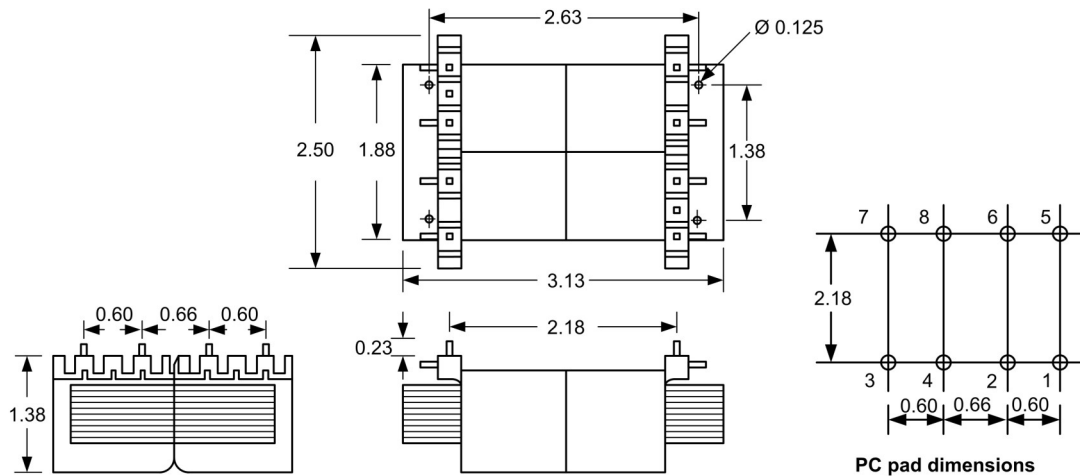


NAVIGATOR CLASS - PRINTED CIRCUIT MOUNT, LOW PROFILE POWER TRANSFORMER



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)

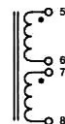


Primary Schematics



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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