

INTERNATIONAL POWER TRANSFORMER

A. Electrical Specifications (@ 25 °C)

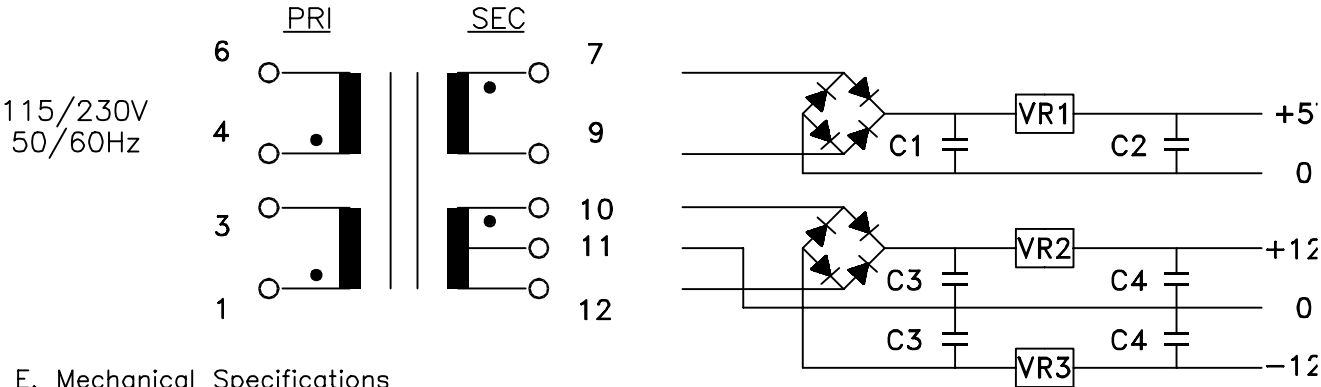
- 1. Maximum Power; 20VA
- 2. Input Voltage and Frequency; 115/230V 50/60Hz
- 3. Output Voltage; (7-9) 9.3V @1.5A Load  
(10-12) 27.5V @0.22A Load
- 4. Voltage Regulation; 20% TYP @ full load to no load
- 5. Temperature Rise; 40°C TYP (45°C MAX allowed)
- 6. Insulation Resistance;  
100MΩ MIN @ 500VDC, Pri to Sec, Pri to Core, Sec to Core
- 7. Hi-Pot; 3500Vrms 1 minute @ Pri to Sec  
1500Vrms 1 minute @ Pri to Core  
1500Vrms 1 minute @ Sec to Core  
500Vrms 1 minute @ Sec to Sec

B. Marking; TAMURA, MICROTRAN, PLT20-32, date code, country of origin, terminal numbers and input and output ratings

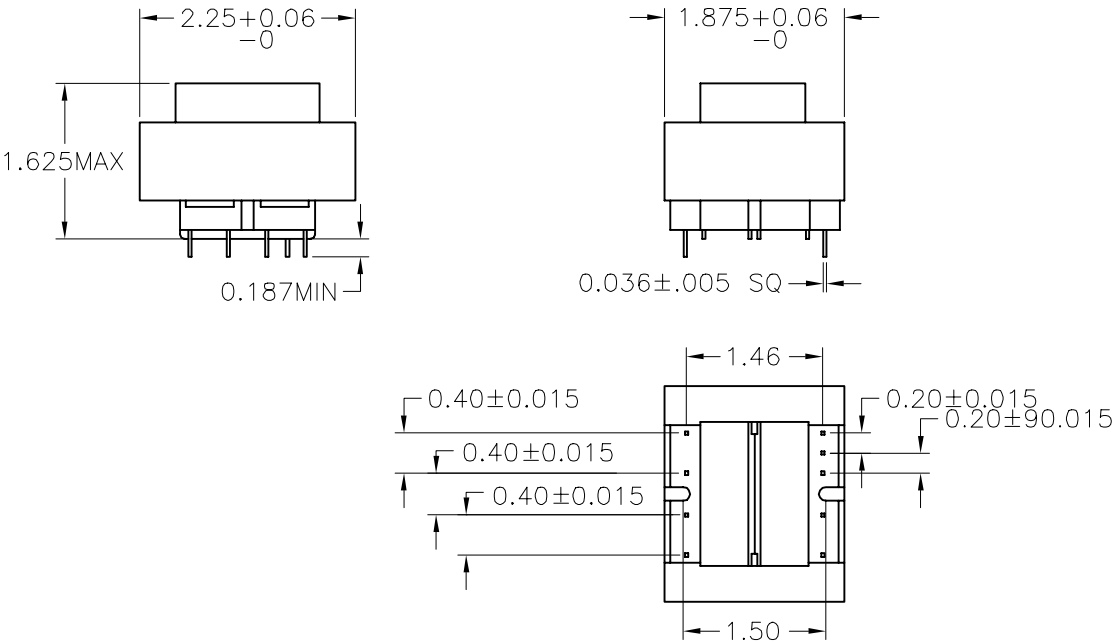
C. Safety:

- CSA File Nos. LR69222 and LR69223
- UL 1411 File No. E138028 Construction only
- UL 506, General Purpose, File No. E79781.
- TUV File 810/89 (EN60742, and VDE 0551)

D. Schematic Diagram;



E. Mechanical Specifications



| TOLERANCES (mm) |       |
|-----------------|-------|
| ≤ 4             | ± 0.2 |
| 4 ≤ 20          | ± 0.3 |
| 20 ≤ 50         | ± 0.4 |

PREPARED BY:

|                  |                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                       |                      |          |                     |  |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|----------------------|----------|---------------------|--|
| ENGINEER:        | DWG CONTROL NO.<br>P-A1-12232<br>ACAD\MXFMR\A1122321.DWG                                                                                                                                                                                                                                                                                                                                           | REV<br>PRI                                                                                                            | POWER<br>TRANSFORMER | PLT20-32 |                     |  |
| QUALITY CONTROL: | CONTENTS OF THIS DRAWING ARE<br>SUBJECT TO CHANGE WITHOUT<br>PRIOR NOTICE                                                                                                                                                                                                                                                                                                                          | TAMURA CORPORATION OF AMERICA<br>43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624<br>(909) 699-1270 FAX 9096769482 |                      |          | MODEL SPECIFICATION |  |
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