

REV. Status

REVISION - 10/22/99 TS
REVISION A CHANGED F SEE PG. 2 11/22/99 TS
REVISION B CORRECTION TO SCHEMATIC PAGE 2. 12/13/00 TS
REVISION C ADDED RoHS & UPDATED LABEL. REMOVED CSA LR69223 01/26/06 MP

A. Electrical Specifications (@ 25°C)

1. Maximum Power: 2.5VA
2. Input Voltage and Frequency: 115/230V 50/60Hz
3. Secondary Voltage: See Table A
4. Voltage Regulation: 31% TYP @ full load to no load
5. Temperature Rise: 35°C TYP (45°C MAX allowed)
6. Insulation Resistance:
100MΩ MIN @ 500VDC, Pri to Sec, Pri to Core
100MΩ MIN @ 500VDC, Sec to Core
7. Hi-Pot: 3500Vrms 1 minute @ Pri to Sec
1500Vrms 1 minute @ Pri to Core
500Vrms 1 minute @ Sec to Core

B. Marking: TAMURA, MICROTRAN, part number (see sheet 2), date code, country of origin, safety logos and input and output ratings

C. Safety:

CSA File No. LR69222
UL 1411 File No. E138028 Construction only
UL 506, General Purpose, File No. E79781.
Class B (130°C) File No. E92957
TUV File 810/89 (EN60950, and VDE 0551)

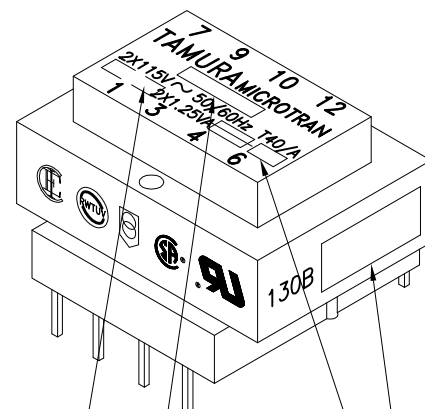


Output (see tabulation)

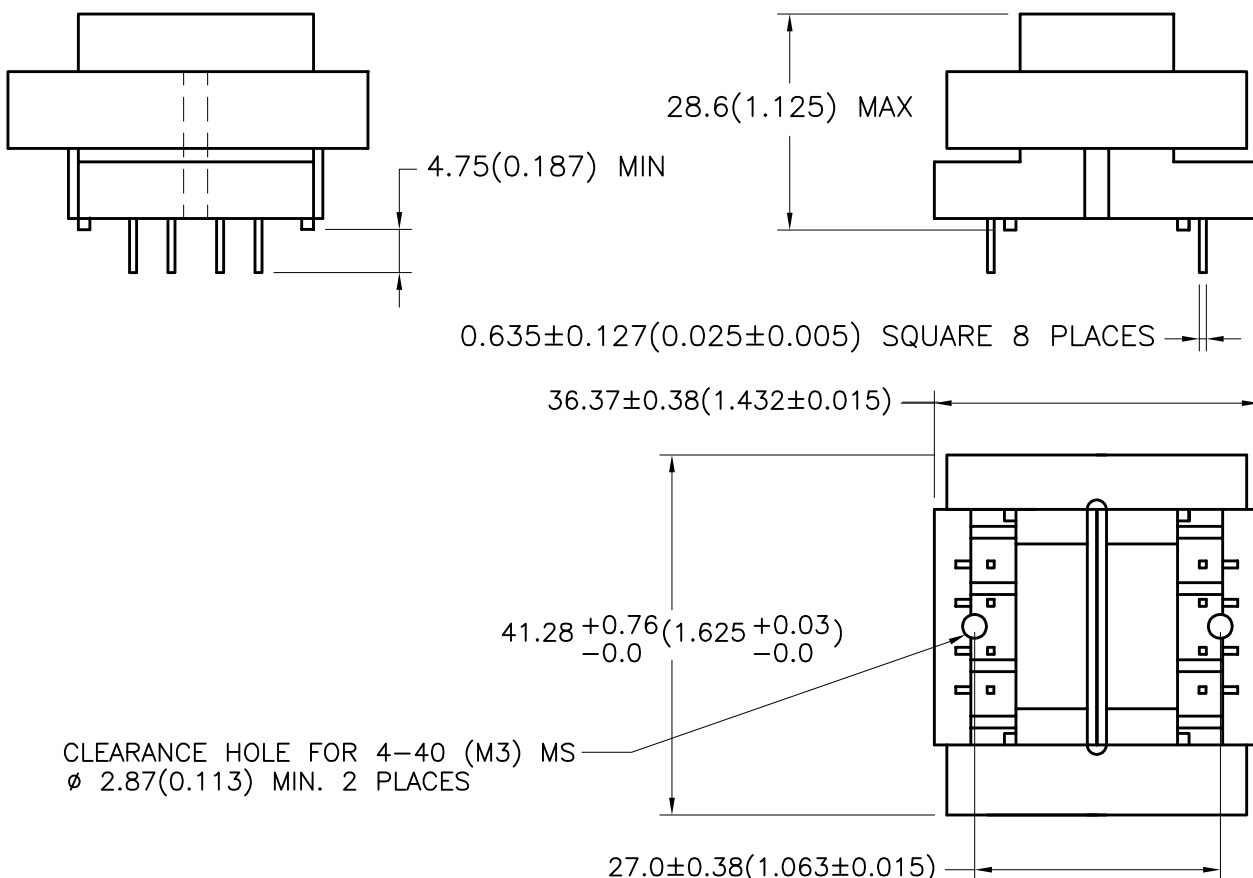
Part No. (see tabulation)

Fuse rating

Date code and country of origin



D. Mechanical Specifications:



TOLERANCES (mm)

≤ 4 ± 0.2
4 ≤ 20 ± 0.3
20 ≤ 50 ± 0.4

PREPARED BY:

K. BRENNAN

ENGINEER:

M. PITCHAI

QUALITY CONTROL:

T. CLEM

APPROVED:

Y. SEKIGUCHI

DWG CONTROL NO.
P-A1-12226
ACAD\MXFMR\A1122261.DWG

REV
C

POWER
TRANSFORMER

CONTENTS OF THIS DRAWING ARE
SUBJECT TO CHANGE WITHOUT
PRIOR NOTICE

TAMURA CORPORATION OF AMERICA
43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624
(951) 699-1270 FAX 9516769482

PL2.5-XX-130B

MODEL SPECIFICATION

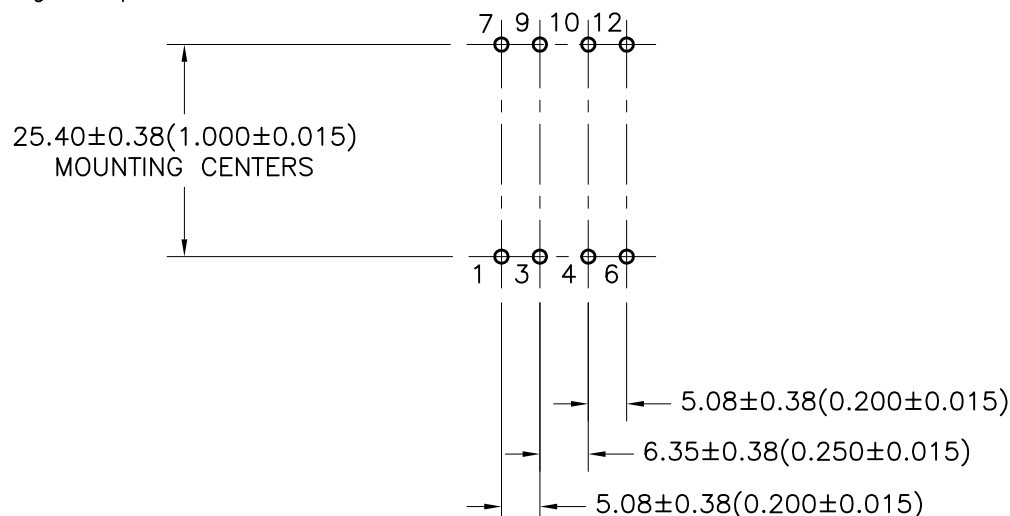
DIM: mm(In) SCL: 1/1 SH: 1 OF 2

PROPRIETARY NOTICE: THIS DRAWING PRINT OR DOCUMENT AND SUBJECT MATTER DISCLOSED HEREIN ARE PROPRIETARY ITEMS TO WHICH TAMURA RETAINS THE EXCLUSIVE RIGHT OF DISSEMINATION, REPRODUCTION, MANUFACTURE AND SALE. THIS DRAWING, PRINT OR DOCUMENT IS SUBMITTED IN CONFIDENCE FOR CONSIDERATION BY THE RECIPIENT ALONE UNLESS PERMISSION FOR FURTHER DISCLOSURE IS EXPRESSLY GRANTED IN WRITING.

MODEL NUMBER

PL2.5-XX-130B

E. Mounting Footprint:

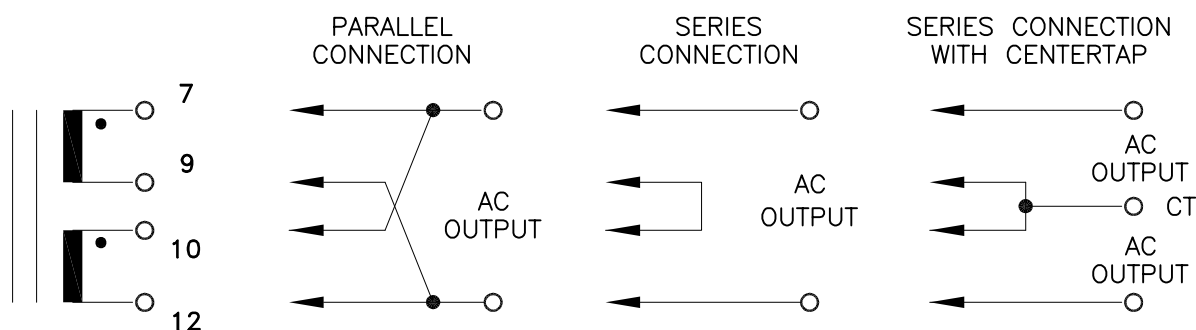
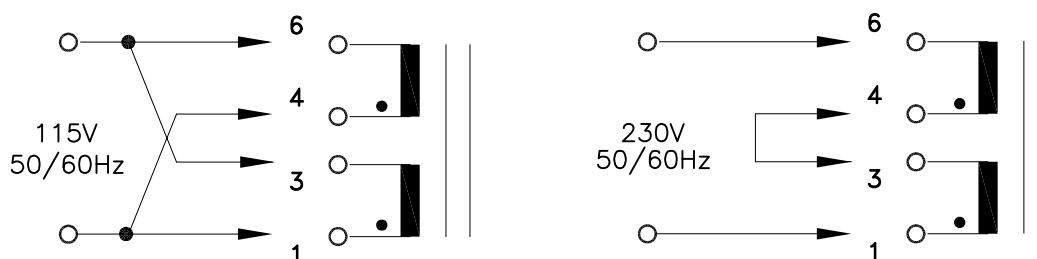


MODEL NUMBER

PL2.5-XX-130B

F. Schematic Diagram:

PRIMARY INPUT CONNECTIONS



G. Table A:

PART NO.	PARALLEL CONNECTION		SERIES CONNECTION		SERIES CONNECTION WITH CT		OUTPUT
	AC VOLTS	RMS AMPS	AC VOLTS	RMS AMPS	AC VOLTS	RMS AMPS	
PL2.5-10-130B	5.0	0.5	10.0	0.25	5.0-CT-5.0	0.25	2X5.0V
PL2.5-12-130B	6.3	0.4	12.6	0.2	6.3-CT-6.3	0.2	2X6.3V
PL2.5-16-130B	8.0	0.3	16.0	0.15	8.0-CT-8.0	0.15	2X8.0V
PL2.5-20-130B	10.0	0.24	20.0	0.12	10.0-CT-10.0	0.12	2X10.0V
PL2.5-24-130B	12.0	0.2	24.0	0.1	12.0-CT-12.0	0.1	2X12.0V
PL2.5-28-130B	14.0	0.18	28.0	0.09	14.0-CT-14.0	0.09	2X14.0V
PL2.5-36-130B	18.0	0.14	36.0	0.07	18.0-CT-18.0	0.07	2X18.0V

PREPARED BY:

K. BRENNAN

ENGINEER:

M. PITCHAI

QUALITY CONTROL:

T. CLEM

APPROVED:

Y. SEKIGUCHI

DWG CONTROL NO.

P-A1-12226

ACAD\MXFMR\A1122262.DWG

REV

C

POWER
TRANSFORMER

TAMURA CORPORATION OF AMERICA
43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624
(951) 699-1270 FAX 9516769482

PL2.5-XX-130B

MODEL SPECIFICATION

DIM: mm(In) SCL: 1/1 SH: 2 OF 2

PROPRIETARY NOTICE: THIS DRAWING PRINT OR DOCUMENT AND SUBJECT MATTER DISCLOSED HEREIN ARE PROPRIETARY ITEMS TO WHICH TAMURA RETAINS THE EXCLUSIVE RIGHT OF DISSEMINATION, REPRODUCTION, MANUFACTURE AND SALE. THIS DRAWING, PRINT OR DOCUMENT IS SUBMITTED IN CONFIDENCE FOR CONSIDERATION BY THE RECIPIENT ALONE UNLESS PERMISSION FOR FURTHER DISCLOSURE IS EXPRESSLY GRANTED IN WRITING.