

THREE FLANGE DUAL PRIMARY 20VA PC BOARD POWER TRANSFORMER

A. Electrical Specifications (@ 25°C)

1. Maximum Power: 20VA
2. Input Voltage and Frequency: 115/230V 50/60Hz
3. Secondary Voltage: See Table A
4. Voltage Regulation: 18% TYP @ full load to no load
5. Insulation Resistance:
100MΩ MIN @ 500VDC, Pri to Sec, Pri to Core
100MΩ MIN @ 500VDC, Sec to Core
6. Hi-Pot: 3500 Vrms 1 minute @ Pri to Sec
1500 Vrms 1 minute @ Pri to Core
500 Vrms 1 minute @ Sec to Core



MODEL NUMBER

PL20--XX-130B

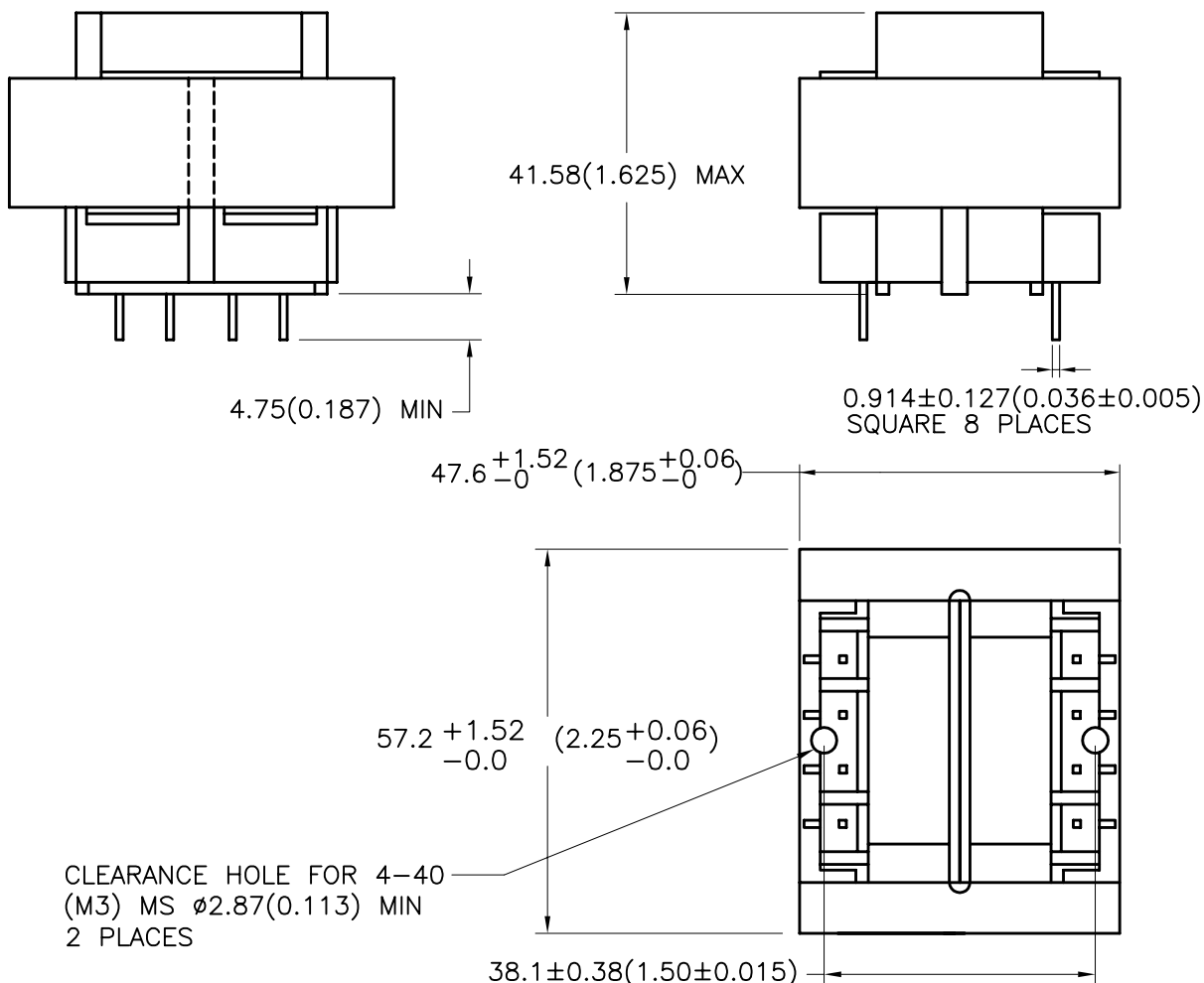
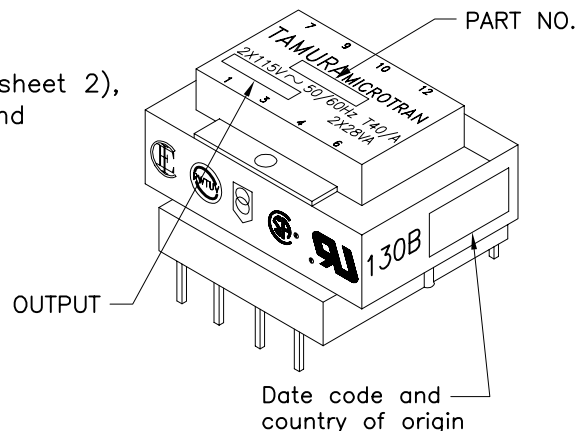
B. Marking: TAMURA, MICROTRAN, part number (see sheet 2), date code, country of origin, safety logos and input and output ratings

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 (EN60742 and VDE 0551).



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-A1-12260
ACAD/MISC/A1122601.DWG

REV
A

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

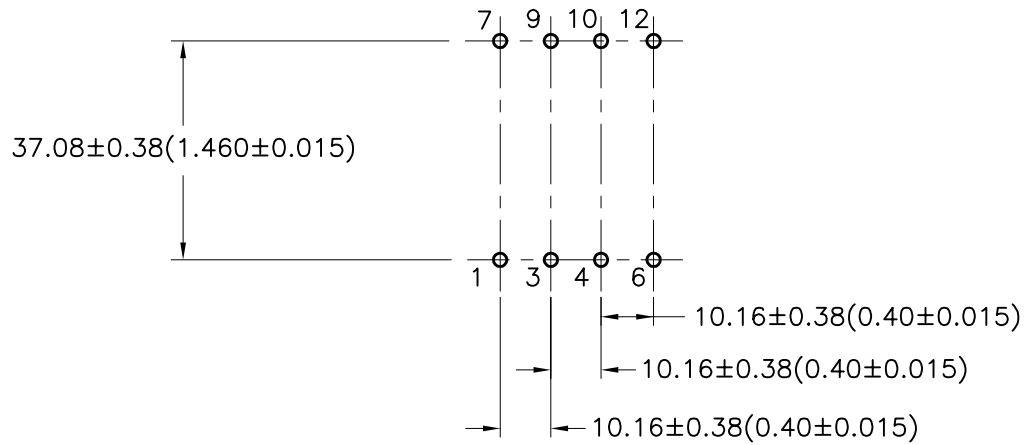
PL20-XX-130

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.

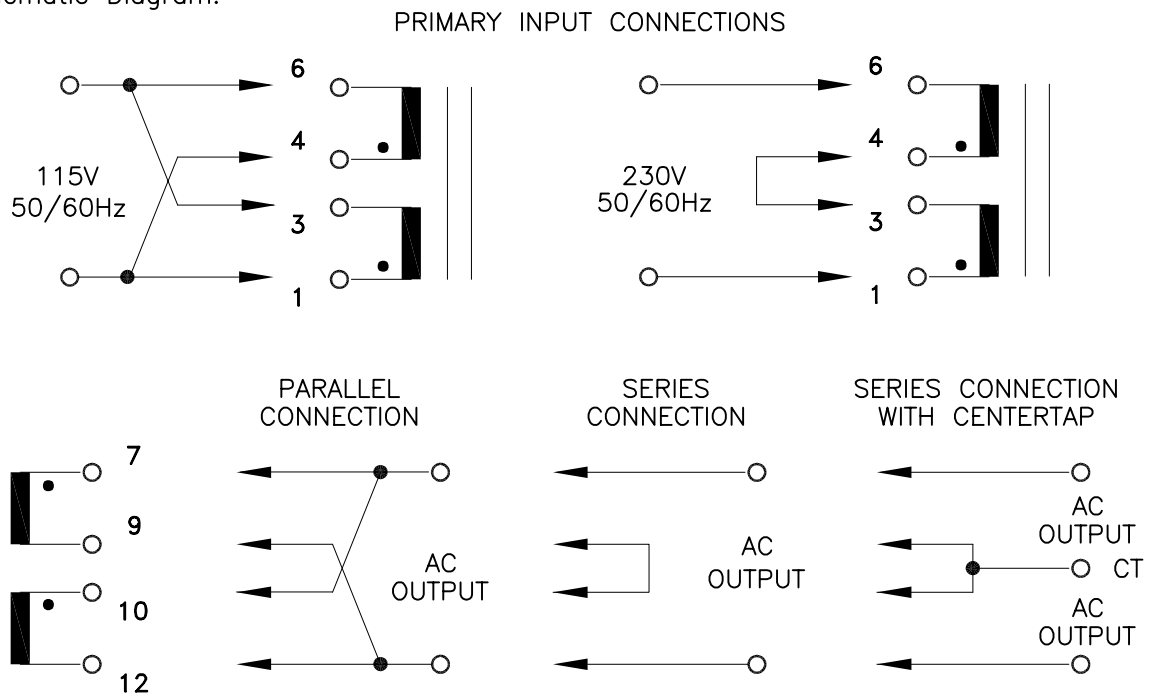
E. Mounting Footprint:



MODEL NUMBER

PL20-XX-130B

F. Schematic Diagram:



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	
PL20-10-130B	5.0	4.0	10.0CT	2.0	5.0-CT-5.0	2.0	2X5.0V
PL20-12-130B	6.3	3.2	12.6CT	1.6	6.3-CT-6.3	1.6	2X6.3V
PL20-16-130B	8.0	2.5	16.0CT	1.25	8.0-CT-8.0	1.25	2X8.0V
PL20-20-130B	10.0	2.0	20.0CT	1.0	10.0-CT-10.0	1.0	2X10.0V
PL20-24-130B	12.0	1.66	24.0CT	0.83	12.0-CT-12.0	0.83	2X12.0V
PL20-28-130B	14.0	1.44	28.0CT	0.72	14.0-CT-14.0	0.72	2X14.0V
PL20-36-130B	18.0	1.12	36.0CT	0.56	18.0-CT-18.0	0.56	2X18.0V

PREPARED BY:

K. BRENNAN

ENGINEER:

M. PITCHAI

QUALITY CONTROL:

T. CLEM

APPROVED:

Y. SEKIGUCHI

DWG CONTROL NO.
P-A1-12260
ACAD\MXFMR\A1122602.DWG

REV
A

POWER
TRANSFORMER

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

PL20-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.