



THREE FLANGE DUAL PRIMARY 5.0VA PC BOARD POWER TRANSFORMER

REV. Status

REVISION -
10/22/99 TS

REVISION A
CHANGED F
SEE PG. 2
11/22/99 TS

REVISION B
CHANGED
HI-POT, SAFETY
AND SCHEMATIC.
05/21/01 MP

REVISION C
REV'D HI-POT
09/20/04 MP

REVISION D
ADDED RoHS &
UPDATED LABEL
01/26/06 MP

A. Electrical Specifications (@ 25 °C)

1. Maximum Power; 5.0VA
2. Input Voltage and Frequency; 115/230V 50/60Hz
3. Voltage Regulation; 20% TYP @ full load to no load
4. Temperature Rise; 30°C TYP (45°C MAX allowed)
5. Insulation Resistance;
100MΩ MIN @ 500VDC, Pri to Sec, Pri to Core, Sec to Core
6. Hi-Pot; 3500Vrms 1 minute @ Pri to Sec
1500Vrms 1 minute @ Pri to Core
1500Vrms 1 minute @ Sec to Core

B. Marking; TAMURA, MICROTRAN, part number (see sheet 2), date code, country of origin, terminal numbers and input and output ratings (see sheet 2)

C. Safety:

CSA File Nos. LR69222 and LR69223
UL 1411 File No. E138028 Construction only
UL 506, General Purpose, File No. E79781.
Insulation Class B (130°C) File No. E92957
TUV File 810/89 (EN60950, and VDE 0551)
94V-0 Flammability

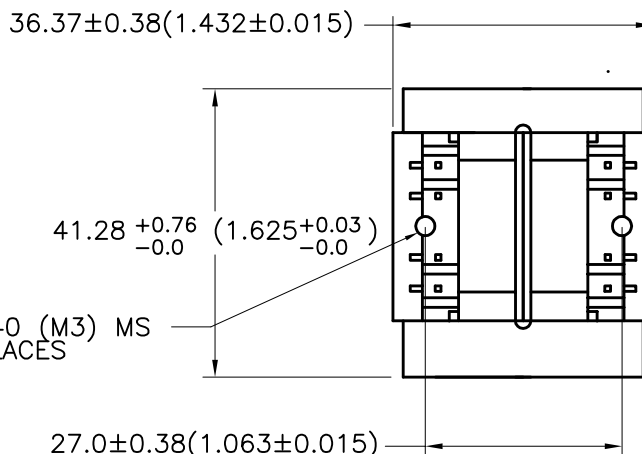
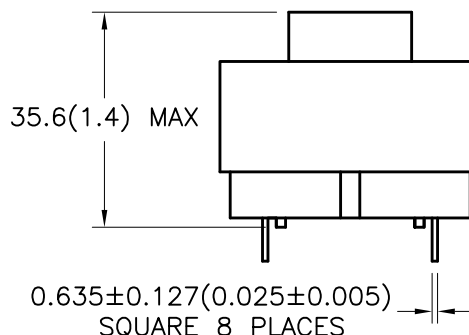
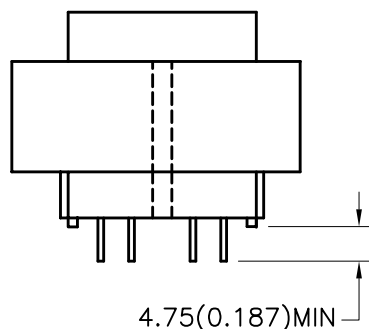
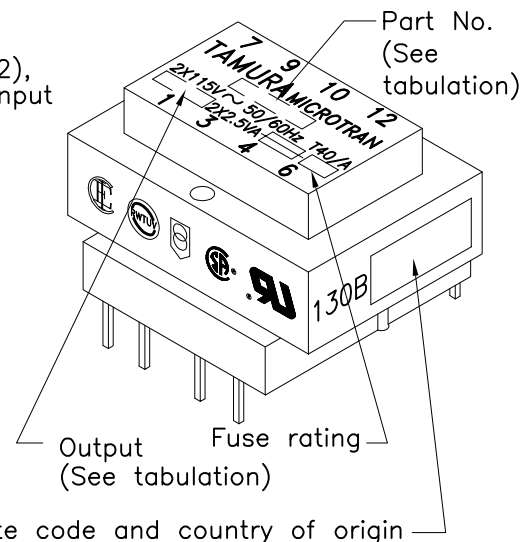


D. Mechanical Specifications;



MODEL NUMBER

PL5.0-XX-130B



CLEARANCE HOLE FOR 4-40 (M3) MS
Ø2.87(0.113) MIN. 2 PLACES

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-A1-12225
ACAD\MXFMR\A1122251.DWG

REV
D

POWER
TRANSFORMER

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

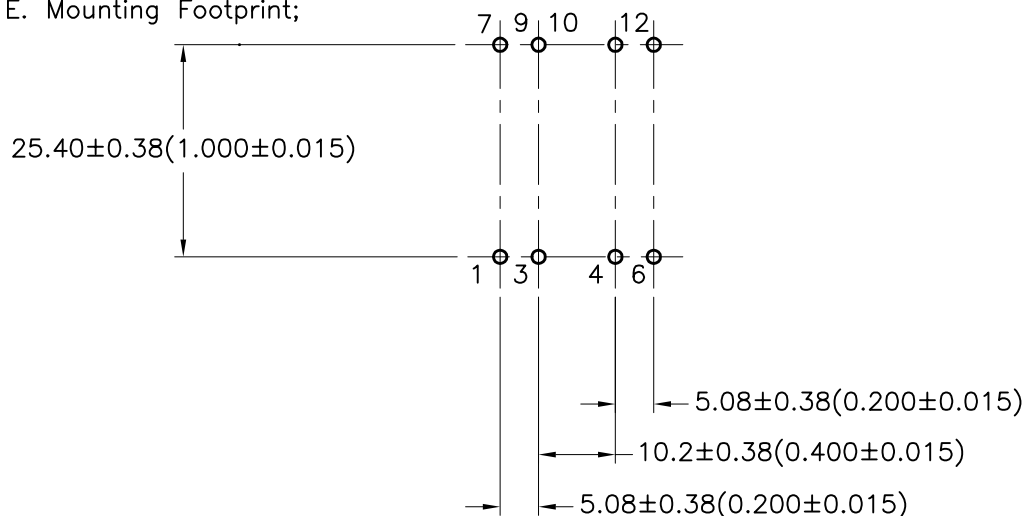
PL5.0-XX-130B

MODEL SPECIFICATION

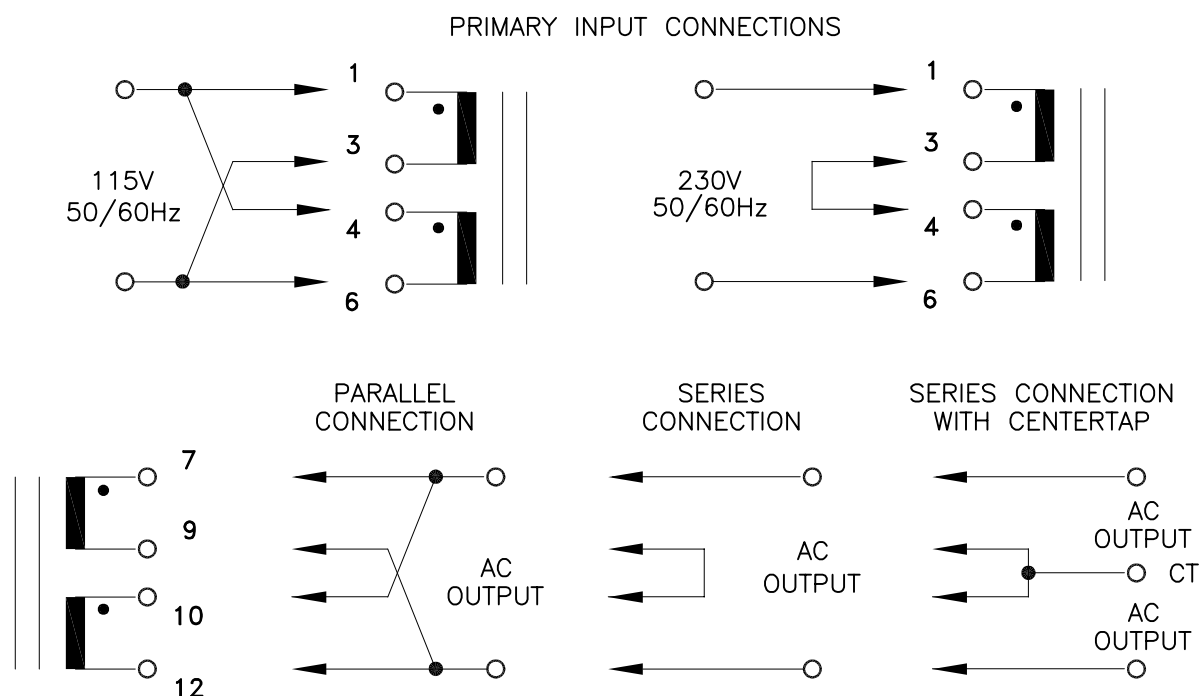
DIM: mm(In) SCL: 1/1 SH: 1 OF 2

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E. Mounting Footprint;



F. Schematic Diagram:



PART NO.	PARALLEL CONNECTION		SERIES CONNECTION		OUTPUT
	AC VOLTS	RMS AMPS	AC VOLTS	RMS AMPS	
PL5.0-10-130B	5.0	1.0	10.0CT	0.5	2X5.0V
PL5.0-12-130B	6.3	0.8	12.6CT	0.4	2X6.3V
PL5.0-16-130B	8.0	0.62	16.0CT	0.31	2X8.0V
PL5.0-20-130B	10.0	0.5	20.0CT	0.25	2X10.0V
PL5.0-24-130B	12.0	0.42	24.0CT	0.21	2X12.0V
PL5.0-28-130B	14.0	0.36	28.0CT	0.18	2X14.0V
PL5.0-36-130B	18.0	0.28	36.0CT	0.14	2X18.0V

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DWG CONTROL NO.
P-A1-12225
ACAD\MXFMR\A1122252.DWG

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PL5.0-XX-130B

MODEL SPECIFICATION

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

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