



REV. Status

REVISION -
10/22/99 TS

REVISION A
REV'D SCHEMATIC
SEE PG. 2
11/17/99 TS

REVISION B
ADDED RoHS &
UPDATED LABELS
DELETED CSA#
LR69223
02/15/06 MP

THREE FLANGE DUAL PRIMARY 10VA PC BOARD POWER TRANSFORMER

A. Electrical Specifications (@ 25°C)

1. Maximum Power; 10VA
2. Input Voltage and Frequency; 115/230V 50/60Hz
3. Voltage Regulation; 25% 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

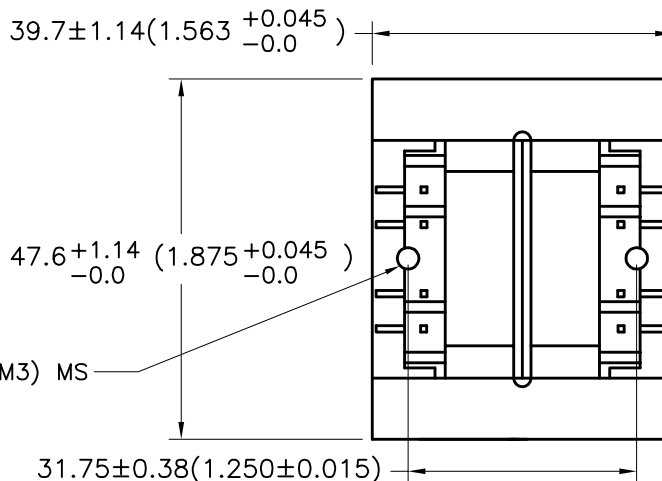
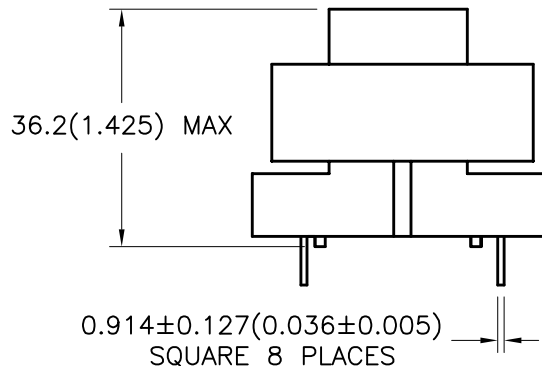
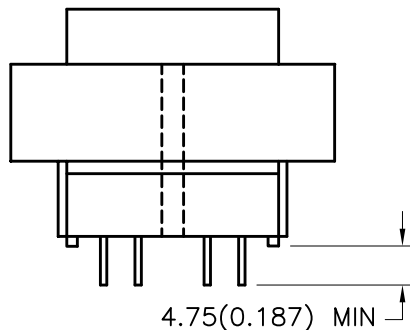
B. Marking; TAMURA, MICROTRAN, part number (see sheet 2) date code, country of origin, terminal number and input and output ratings (see sheet 2)

C. Safety:

CSA File No. LR69222
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)



D. Mechanical Specifications:



CLEARANCE HOLE FOR 4-40 (M3) MS
Ø 2.87(0.113) MIN. 2 PLACES

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

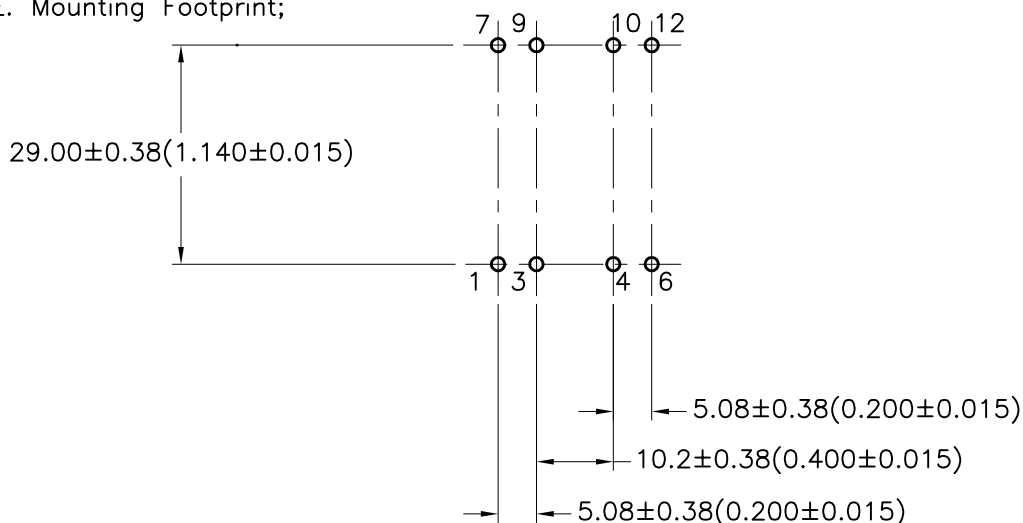
PREPARED BY:

K. BRENNAN

NOTE: Board washing is not recommended for these parts

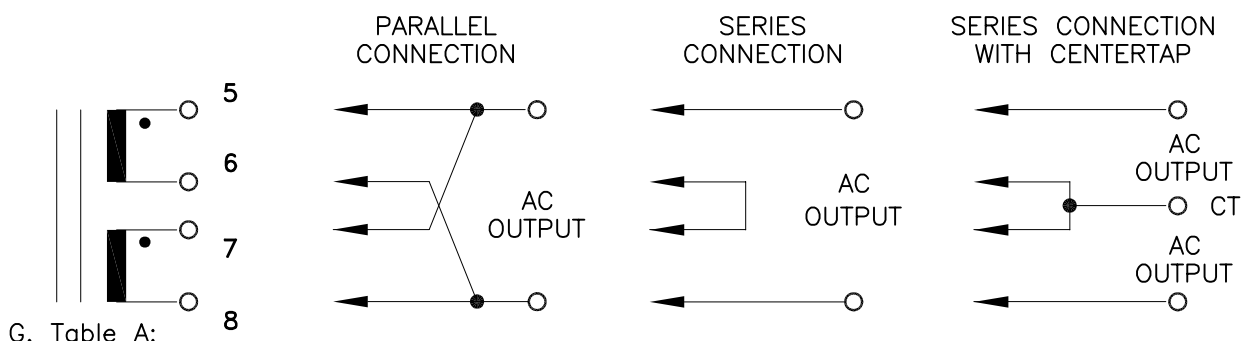
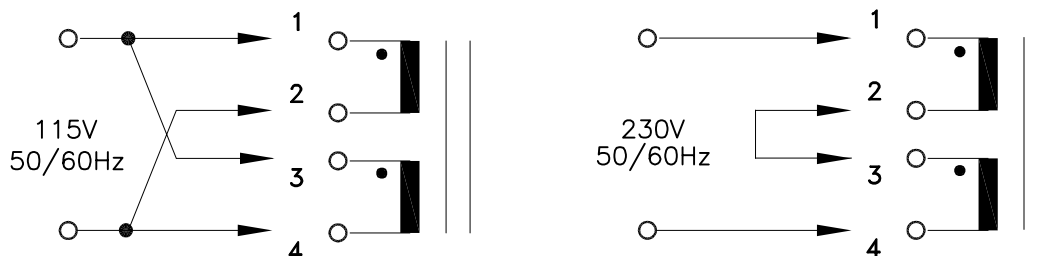
ENGINEER: M. PITCHAI	DWG CONTROL NO. P-A1-12227 ACAD\MXFMR\A1122271.DWG	REV B	POWER TRANSFORMER	PL10-XX-130B
QUALITY CONTROL: T. CLEM	CONTENTS OF THIS DRAWING ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE			MODEL SPECIFICATION
APPROVED: Y. SEKIGUCHI	TAMURA CORPORATION OF AMERICA 43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624 (951) 699-1270 FAX 9516769482			DIM: mm(In) SCL: 1/1 SH: 1 OF 2

E. Mounting Footprint;



F. Schematic Diagram:

PRIMARY INPUT CONNECTIONS



G. Table A:

PART NO.	PARALLEL CONNECTION		SERIES CONNECTION		OUTPUT
	AC VOLTS	RMS AMPS	AC VOLTS	RMS AMPS	
PL10-10-130B	5.0	2.0	10.0CT	1.0	2X5.0V
PL10-12-130B	6.3	1.6	12.6CT	0.8	2X6.3V
PL10-16-130B	8.0	1.25	16.0CT	0.62	2X8.0V
PL10-20-130B	10.0	1.0	20.0CT	0.5	2X10.0V
PL10-24-130B	12.0	0.84	24.0CT	0.42	2X12.0V
PL10-28-130B	14.0	0.72	28.0CT	0.36	2X14.0V
PL10-36-130B	18.0	0.56	36.0CT	0.28	2X18.0V

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ENGINEER:

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QUALITY CONTROL:

T. CLEM

APPROVED:

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P-A1-12227
ACAD\MXFMR\A1112272.DWG

REV
B

POWER
TRANSFORMER

TAMURA CORPORATION OF AMERICA
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(951) 699-1270 FAX 9516769482

PL10-XX-130B

MODEL SPECIFICATION

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

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MODEL NUMBER

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