

REV. Status

REVISION –
08/05/02 YSREVISION A
ADDED SHEET 2
SCHEMATIC
07/28/08 LMREVISION B
UPDATE LOGO'S
TO STD IED
05/05/11 MPREVISION C
UPDATE SAFETY
09/29/11 MPREVISION D
ADD FUSE INFO
01/18/12 MPREVISION E
SAFETY NOTES
ADDED
03/20/13 MP

THREE FLANGE DUAL PRIMARY 30VA PC BOARD POWER TRANSFORMER

A. Electrical Specifications (@ 25°C)

1. Maximum Power: 30VA
2. Primary Voltage and Frequency: 115/230VAC 50/60Hz
3. Secondary RMS Rating:
(7–9); 9.3VAC @ 2.2A LOAD.
(10–12); 27.5VAC CT @ 0.34A LOAD.
4. Voltage Regulation: 25% TYP @ full load to no load
5. Temperature Rise(normal op. cond.): 55°C TYP (70°C MAX)
6. A 10% Input Voltage change will proportionally affect transformer sec voltage. The max. allowed wdg temp under abnormal condition is 155°C
7. Insulation Resistance:
100MΩ MIN @ 500VDC, Pri to Sec, Pri to Core, Sec to Core
8. Dielectric Withstand: 3750Vrms 1 minute @ Pri to Sec
1500Vrms 1 minute @ Pri to Core, Sec to Core

B. Marking: includes input and output ratings

C. Safety:

Conforms to construction requirement of:

UL5085–1, –2; CSA No. 66.1, 66.2

(from Datecode 1143 and onwards).

UL506, UL1411

UL1446(CLASS 130(B))

EN61558–1, –2–6

Safety certificate file reference:

UL File# E138028, E79781, E92957

CSA File# 175561

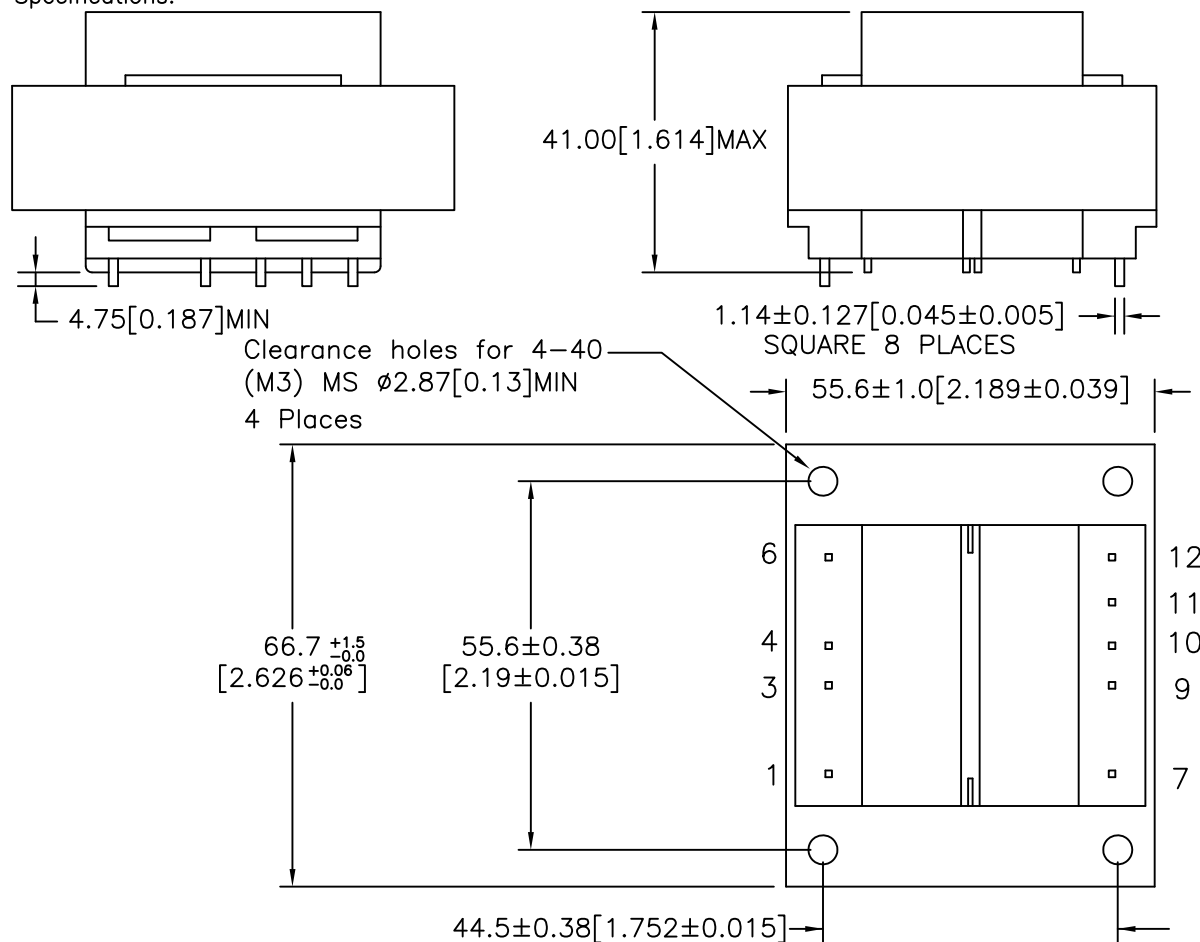
TUV (P.S.) File# 4478013415698

Non short-circuit proof safety isolating transformer.

Intended for mounting on PCBs and for building into end use-equipment.

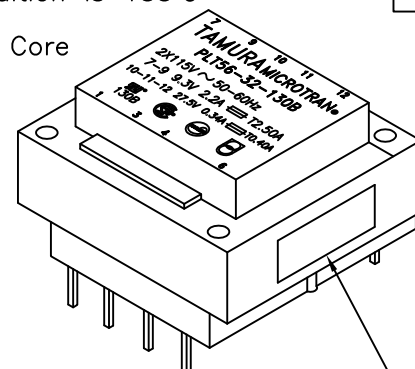
Not intended for series/parallel connection with other transformers.

D. Mechanical Specifications:

RoHS
COMPLIANT

MODEL NUMBER

PLT30–32–130B

Date code and
country of origin

PREPARED BY:

M. PITCHAI

ENGINEER:

M. PITCHAI

SAFETY ENGINEER

B. O'CONNELL

APPROVED:

P. BRUNE

NOTE: BOARD WASHING IS NOT RECOMMENDED FOR THESE PARTS.

DRAWING CONTROL NO.

P-A1-13112

ACAD\MXFMR\A1131121.DWG

REV

E

MODEL DESCRIPTION

POWER

TRANSFORMER

MODEL SPECIFICATION

PLT30–32–130B

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TAMURA CORPORATION OF AMERICA

1040 SOUTH ANDREASEN DRIVE, #100 ESCONDIDO, CA. 92029
(951) 699-1270 FAX 7607400536

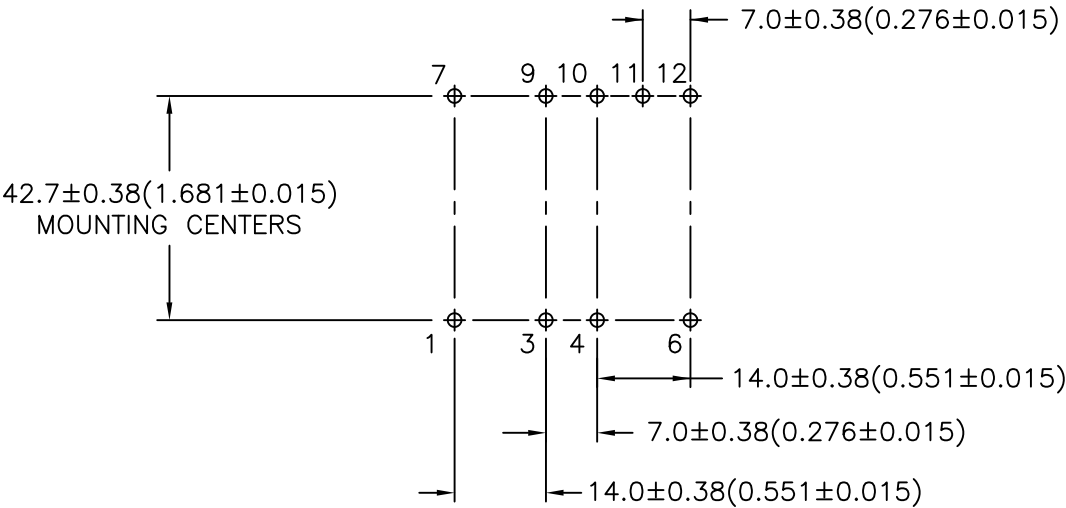
DIM: mm [In]

SCL: 1/1

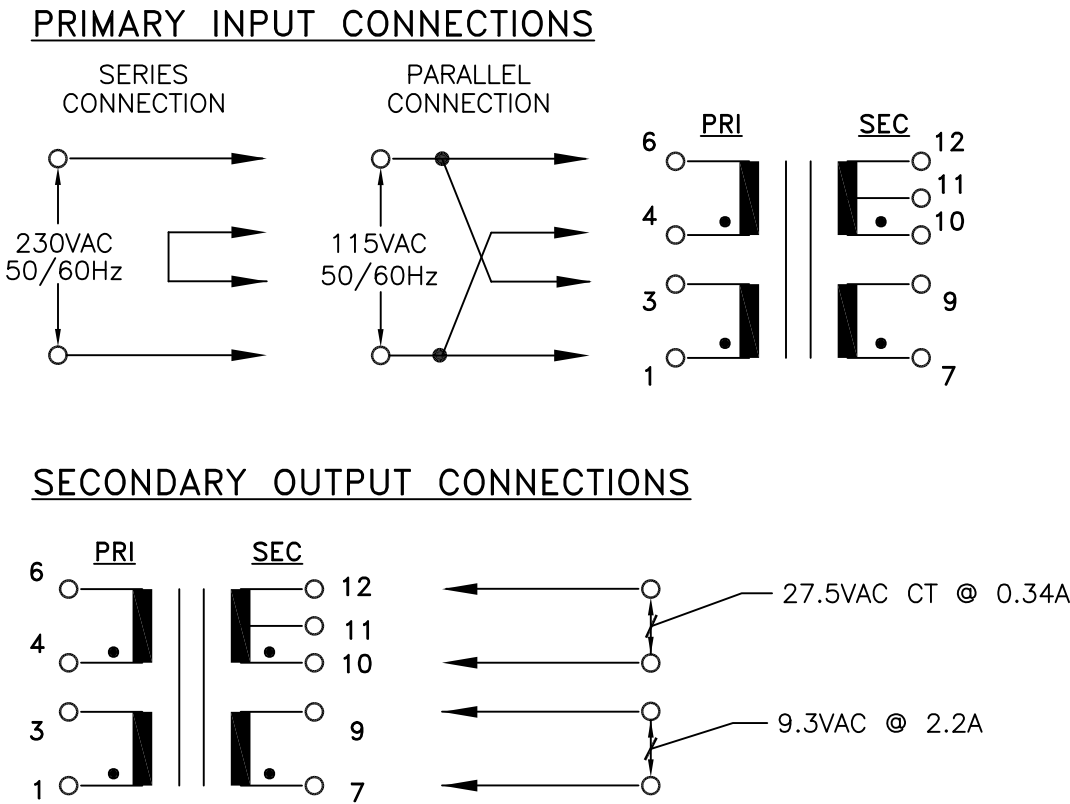
SH: 1 OF 2

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E. Mounting Footprint:



F. Schematic Diagram:



Note:
Required Secondary Fusing.
Winding (7-9): T2.50A
Winding (10-12): T0.40A
Fuse accordance with IEC60127-2

PREPARED BY:
M. PITCHAI

ENGINEER:
M. PITCHAI
SAFETY ENGINEER
B. OCONNELL

APPROVED:
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MODEL SPECIFICATION
PLT30-32-130B
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