TAMURA

REV. Status
REVISION – 06/11/03 YS
REVISION A ADDED RoHS & UPDATED LABELS 03/01/06 MP
REVISION B CHG TUV FILE # WAS 810/89 (EN60950 & VDE 0551). CLARIFIED PIN OUTS 04/23/07 YS
REVISION C UPDATE LOGO'S TO STD IED. DIELECTRIC WITHSTAND WAS HI–POT 3500. 12/3/08 EB
REVISION D UPDATE LOGO'S 12/3/09 EM
REVISION E UPDATE SAFETY 09/29/11 MP

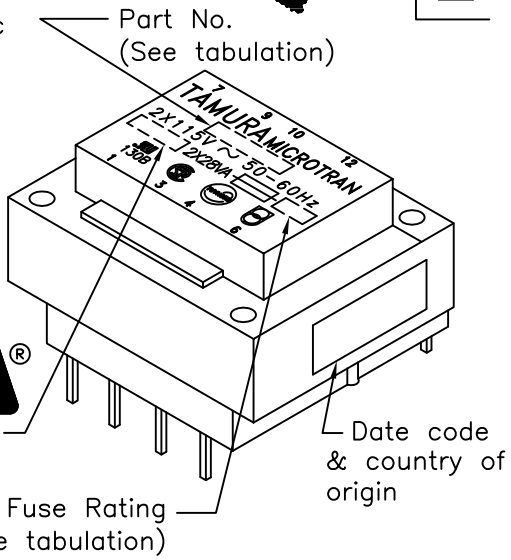
THREE FLANGE DUAL PRIMARY 56VA PC BOARD POWER TRANSFORMER

MODEL NUMBER PL56–XX–130B

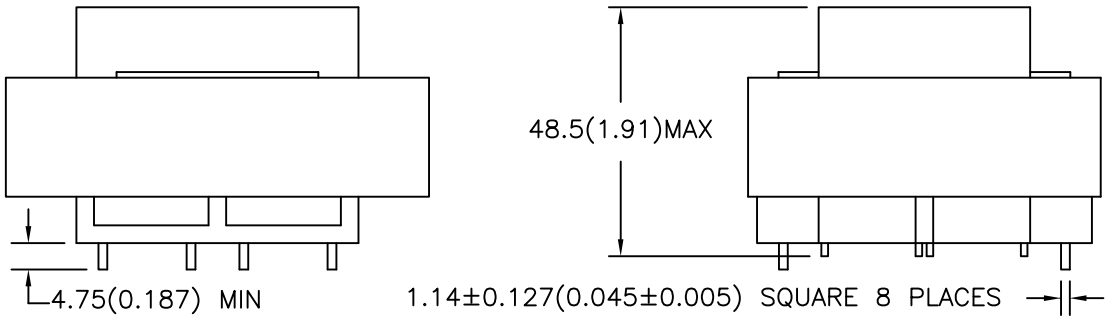
A. Electrical Specifications (@ 25°C)
1. Maximum Power: 56VA
2. Primary Voltage and Frequency: 115/230VAC 50/60Hz
3. Secondary RMS Rating: See Table A
4. Voltage Regulation: 18% TYP @ full load to no load
5. Temperature Rise: 70°C TYP
6. Insulation Resistance:
   100MΩ MIN @ 500VDC, Pri to Sec, Pri to Core
   100MΩ MIN @ 500VDC, Sec to Core
7. Dielectric Withstand: 3750Vrms 1 minute @ Pri to Sec
   1500 Vrms 1 minute @ Pri to Core
   1500 Vrms 1 minute @ Sec to Core

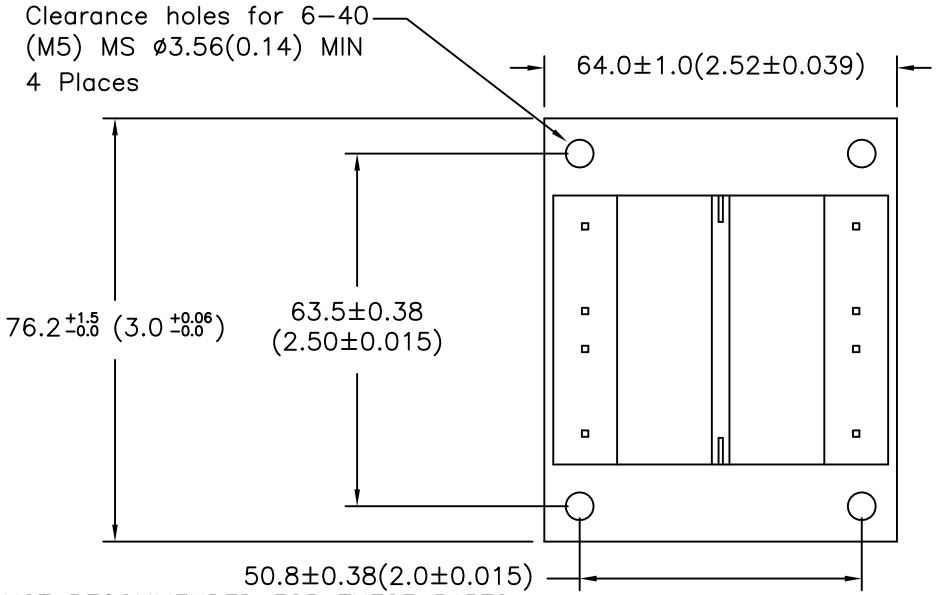
B. Marking: TAMURA, MICROTRAN, part number (see sheet 2), date code, country of origin, safety logos and input and output ratings

C. Safety:
Conforms to construction requirement of:
UL5085–1, –2; CSA No. 66.1, 66.2
(from Datecode 1143 and onwards).
UL506, UL1411
EN61558–1, –2–6
UL1446 (CLASS 130 (B))
Safety certificate file reference:
UL E138028, E79781, E92957
CSA 175561
TUV (P.S.) 20650818



D. Mechanical Specifications:





NOTE: BOARD WASHING IS NOT RECOMMENDED FOR THESE PARTS.

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

PREPARED BY: C. POPPE

ENGINEER: M. PITCHAI

SAFETY ENGINEER: B.OCONNELL

APPROVED: P. BRUNE

DWG CONTROL NO. P–A1–12262
ACAD\MXFMR\A1122621.DWG
REV E

POWER TRANSFORMER

CONTENTS OF THIS DRAWING ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

TAMURA CORPORATION OF AMERICA
1040 SOUTH ANDREASEN DRIVE, #100 ESCONDIDO, CA. 92029
(951) 699–1270 FAX 7607400536

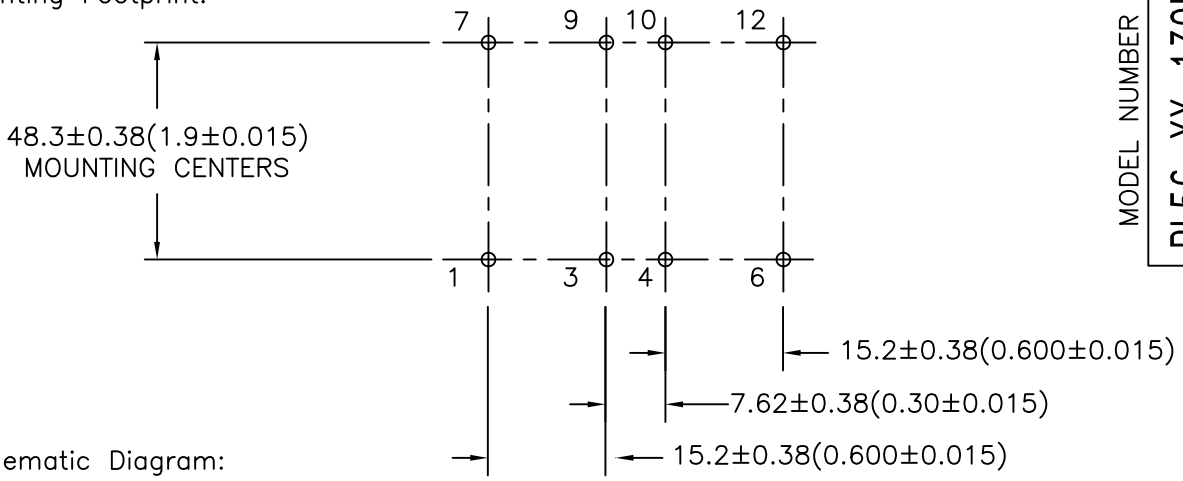
PL56–XX–130B
MODEL SPECIFICATION

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

REV. Status
REVISION –

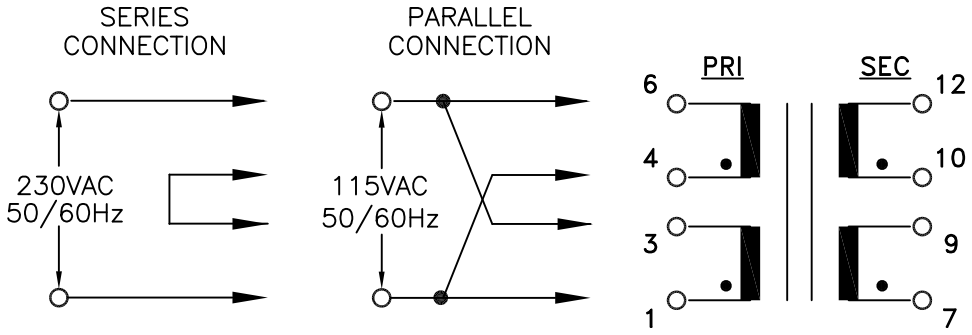
MODEL NUMBER
PL56-XX-130B

E. Mounting Footprint:

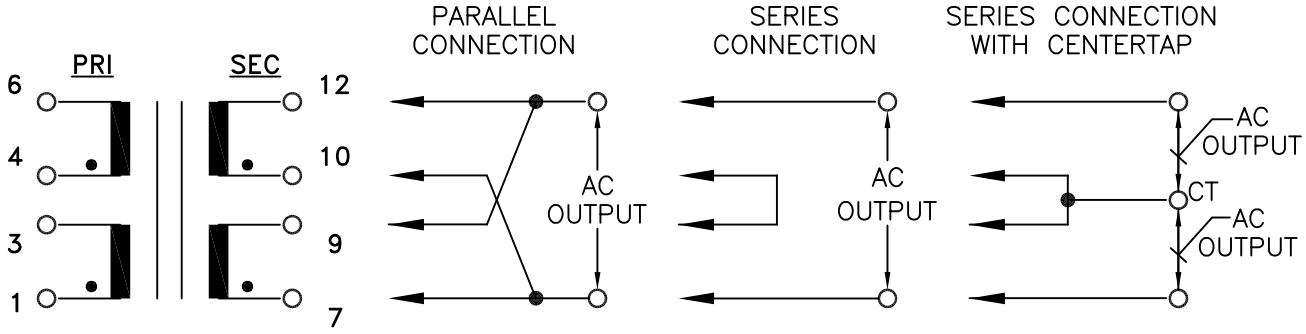


F. Schematic Diagram:

PRIMARY INPUT CONNECTIONS



SECONDARY OUTPUT CONNECTIONS



G. Table A:

T= Time lag

PART NO.	PARALLEL		SERIES		SERIES WITH CT		OUTPUT	SECONDARY FUSE REQ'D EA. WINDING
	AC VOLTS	RMS AMPS	AC VOLTS	RMS AMPS	AC VOLTS	RMS AMPS		
PL56-10-130B	5.0	11.20	10.0	5.60	5.0-CT-5.0	5.60	2X5.0V	T 6.30A
PL56-12-130B	6.3	8.80	12.6	4.40	6.3-CT-6.3	4.40	2X6.3V	T 5.00A
PL56-16-130B	8.0	7.00	16.0	3.50	8.0-CT-8.0	3.50	2X8.0V	T 4.00A
PL56-20-130B	10.0	5.60	20.0	2.80	10.0-CT-10.0	2.80	2X10.0V	T 3.15A
PL56-24-130B	12.0	4.66	24.0	2.33	12.0-CT-12.0	2.33	2X12.0V	T 2.50A
PL56-28-130B	14.0	4.00	28.0	2.00	14.0-CT-14.0	2.00	2X14.0V	T 2.00A
PL56-36-130B	18.0	3.12	36.0	1.56	18.0-CT-18.0	1.56	2X18.0V	T 1.60A

PREPARED BY:
C POPPE

ENGINEER:
M PITCHAI

SAFETY ENGINEER
B OCONNELL

APPROVED:
P BRUNE

DRAWING CONTROL NO. P-A1-12262
ACAD/MXFMR/A1122622.DWG
REV E

MODEL DESCRIPTION
POWER
TRASFORMER

MODEL SPECIFICATION
PL56-XX-130B

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DIM: mm[In] | SCL: 1/1 | SH: 2 OF 2