THREE FLANGE SINGLE PRIMARY 6.0VA PC BOARD POWER TRANSFORMER

A. Electrical Specifications (@ 25°C)

1. Maximum Power: 6.0 VA 2. Input Voltage and Frequency: 115V 50/60 Hz

3. Secondary Voltage: See Table A
4. Voltage Regulation: 18% TYP @ full load to no load
5. Temperature Rise: 35°C TYP (45°C MAX allowed)

6. Insulation Resistance:

100 M Ω MIN @ 500VDC, Pri to Sec, Pri to Core 100 M Ω MIN @ 500VDC, Sec to Core

7. Hi-Pot: 2500 Vrms 1 minute @ Pri to Sec 1500 Vrms 1 minute @ Pri to Core 1500 Vrms 1 minute @ Sec to Core 500 Vrms 1 minute @ Sec to Sec

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

C. Safety:

REV. Status

REVISION -

08/14/96 TS REVISION A

REFORMATTED

08/22/96 TS

REVISION B REFORMATTED 07/15/97 TS

REVISION C

CHANGED A.7.

08/20/99 TS

REVISION D

ADDED RoHS

01/12/06 MP

REVISION E

SAFETY UPDATED

FUSE INFO

ADDED -22-09 MP

REVISION F

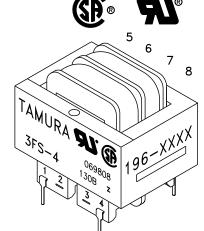
REMOVED TEMECULA CA

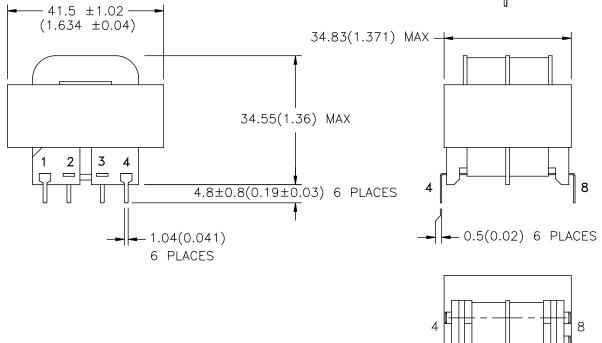
11-22-19 MP

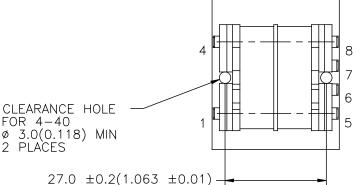
Insúlation Class B (130°C) File No. E92957 CSA 22.2 No. 66-1988, File No. 069808. UL 1585, Class 2 or 3, Noninherently limited, File No. E95844.

UL 506, General Purpose, File No. E91239

D. Mechanical Specifications:







PREPARED BY:

SAFETY ENGINEER

C. POPPE

ENGINEER: DRAWING CONTROL NO. REV M. PITCHAI P-A1-11647

CONTENTS OF THIS DRAWING ARE SUBJECT TO CHANGE WITHOUT 1040 SOUTH ANDREASEN DRIVE, #100 ESCONDIDO, CA. 92029 PRIOR NOTICE (760) 871-2009

MODEL DESCRIPTION SIZE 4 3FS & PSS FAMILY POWER TRANSFORMER

MODEL SPECIFICATION 3FS-4XX & PSS4-XX

DIM: mm[In] SCL: NONE | SH: 1 OF

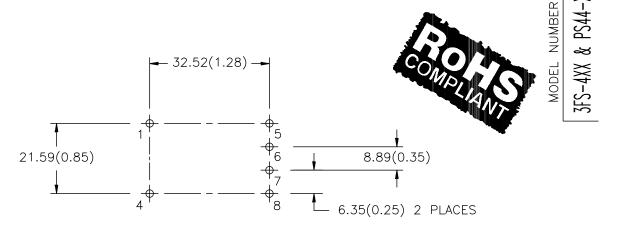
APPROVED:

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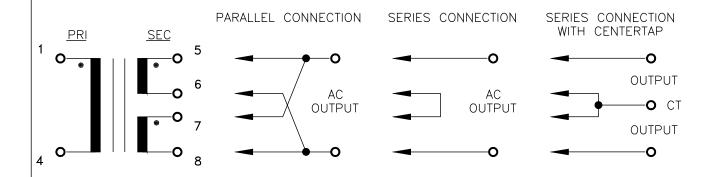
M. PITCHAI

HISTORY

E. Mounting Footprint:



F. Schematic Diagram:



*Not UL - recognized for series connect.

G. Table A: (NOTE: all parts are dual marked with both part numbers)

UL APPROVED FUSE

TAMURA PART NO.	MICROTRAN PART NO.	PARALLEL		SERIES		SERIES WITH CT		SECONDARY	
		AC VOLTS	RMS AMPS	AC VOLTS	RMS AMPS	AC VOLTS	RMS AMPS	FUSE REQUIRED EACH WINDING	
3FS-410	PSS4-10	5.0	1.20	10.0	0.60	5.0-CT-5.0	0.60	0.75A	
3FS-412	PSS4-12	6.3	1.00	12.6	0.50	6.3-CT-6.3	0.50	0.63A	
3FS-416	PSS4-16	8.0	0.80	16.0	0.40	8.0-CT-8.0	0.40	0.50A	
3FS-420	PSS4-20	10.0	0.60	20.0	0.30	10.0-CT-10.0	0.30	0.40A	
3FS-424	PSS4-24	12.0	0.50	24.0	0.25	12.0-CT-12.0	0.25	0.315A	
3FS-428	PSS4-28	14.0	0.40	28.0	0.20	14.0-CT-14.0	0.20	0.25A	
3FS-436	PSS4-36	18.0	0.34	36.0	0.17	18.0-CT-18.0	0.17	0.20A	
3FS-448	PSS4-48	24.0	0.25	48.0	0.125	24.0-CT-24.0	0.125	0.15A	
3FS-456	PSS4-56	28.0	0.22	56.0	0.11	28.0-CT-28.0	0.11	0.15A	
3FS-4120	PSS4-120	60.0	0.10	120.0*	0.05	60.0-CT-60.0	0.05	N/A	
DRAWING CONTROL NO.		REV	MODE	MODEL DESCRIPTION			MODEL SPECIFICATION		

C. POPPE **ENGINEER:**

SAFETY ENGINEER

M. PITCHAI

PREPARED BY:

P-A1-11647

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1040 SOUTH ANDREASEN DRIVE, #100 ESCONDIDO, CA. 92029

<u>(760) 871-2009</u>

3FS-4XX & PSS4-XX

DIM: mm[In] SCL: NONE | SH: 2 OF 2

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