

A. Electrical Specifications (@25°C)

1. Maximum Power: 6VA
2. Primary Voltage and Frequency: 115/230VAC 50/60Hz.
3. Secondary RMS Rating: See Table A on sheet 2
4. Voltage Regulation: 35% TYP @ full load to no load
5. Temperature Rise: 45°C TYP (60°C MAX)
6. Insulation Resistance:
 - 100MΩ MIN @ 500VDC, Pri to Sec, Pri to Core
 - 100MΩ MIN @ 500VDC, Sec to core
7. Dielectric Withstand:
 - 1500Vrms 1 minute @ Pri to Sec, Pri to Core
 - 1500Vrms 1 minute @ Sec to Core

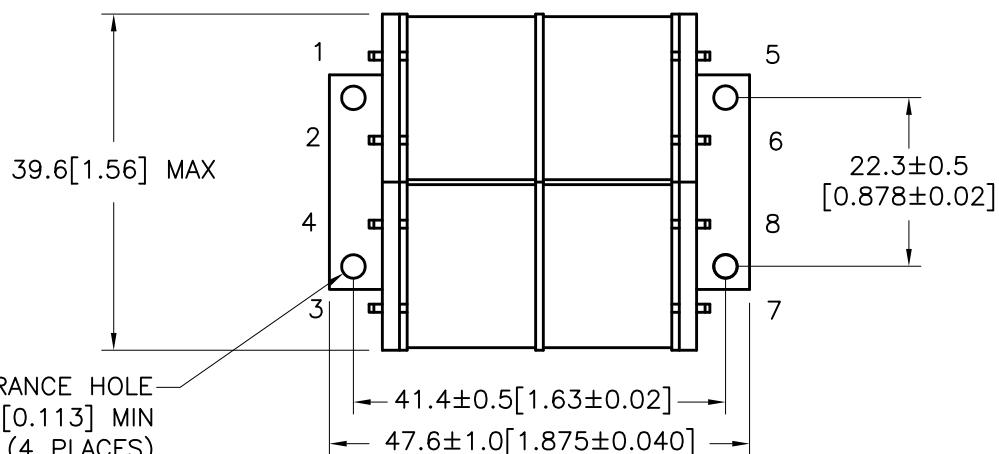
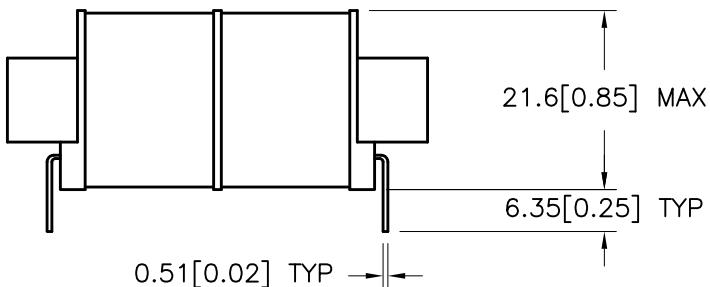
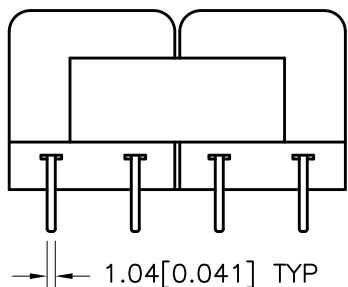
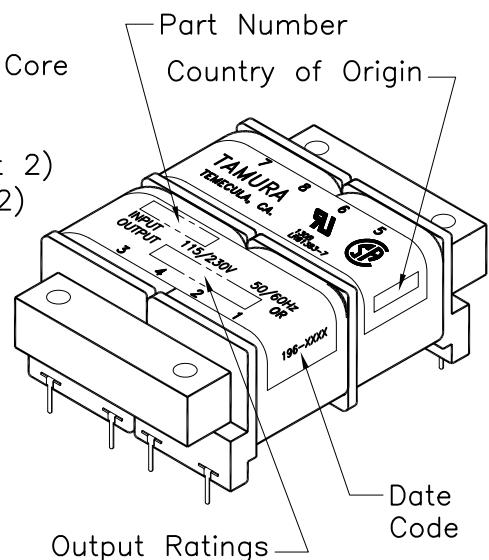
B. Marking: TAMURA, Tamura part number (see sheet 2)
MICROTRAN, Microtran part number (see sheet 2)
date code, country of origin, safety logos
and input and output ratings (see sheet 2)

C. Safety:

UL approved, UL506 File E145619, E79781
Insulation Class B (130°C) File No E92957
CSA Certified, C22.2 No. 66 File 081383
(3FL Series)



D. Mechanical Specifications:



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

PREPARED BY:

K. BRENNAN

ENGINEER:

M. PITCHAI

DWG CONTROL NO. P-A1-11599
REV -
ACAD\3F\A1115991.DWG

6VA 3FL & PF SERIES
POWER TRANSFORMER

3FL & PF 6VA

SAFETY ENGINEER:

B. OCONNELL

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

MODEL SPECIFICATION

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

APPROVED:

Y. SEKIGUCHI

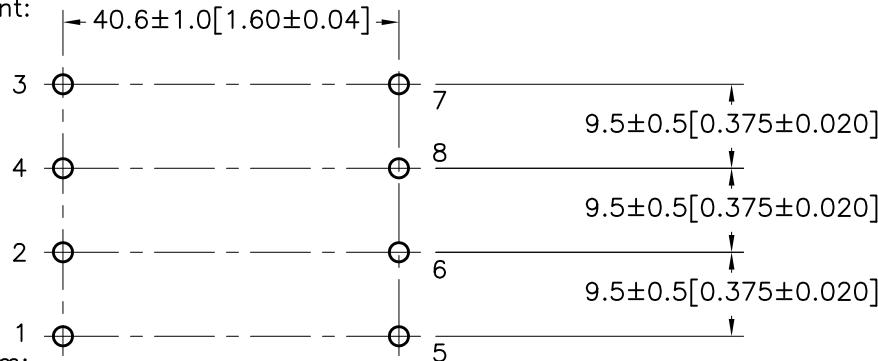
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MODEL NUMBER

3FL & PF 6VA

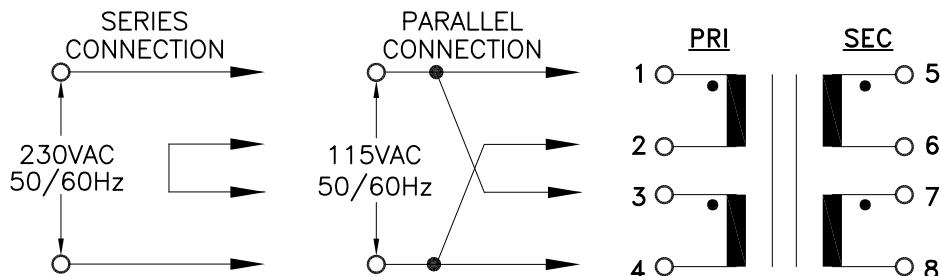
ROHS
COMPLIANT

E. Mounting Footprint:

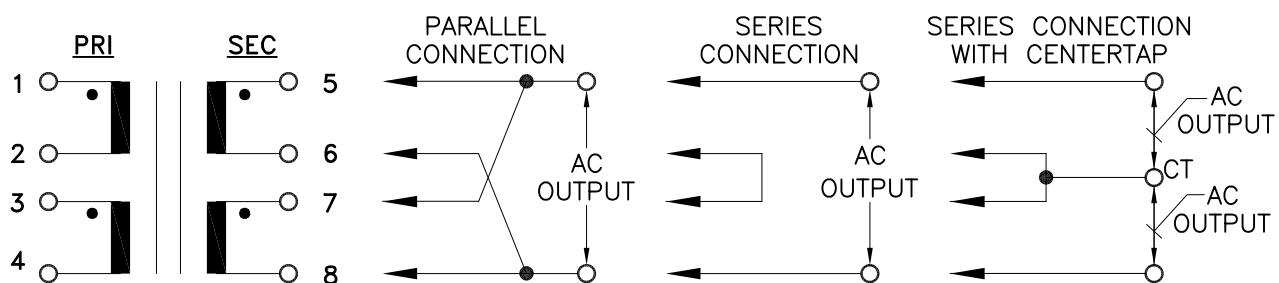


F. Schematic Diagram:

PRIMARY INPUT CONNECTIONS



SECONDARY OUTPUT CONNECTIONS



G. Table A:

TAMURA PART NO.	MICROTRAN PART NO.	PARALLEL CONNECTION		SERIES CONNECTION		SERIES CONNECTION WITH CT		
		AC VOLTS	RMS AMPS	AC VOLTS	RMS AMPS	AC VOLTS	RMS AMPS	
3FL10-600	PF6-10	5.0	1.20	10.0	0.600	5.0-CT-5.0	0.600	
3FL12-475	PF6-12	6.3	0.95	12.6	0.475	6.3-CT-6.3	0.475	
3FL16-350	PF6-16	8.0	0.70	16.0	0.350	8.0-CT-8.0	0.350	
3FL20-300	PF6-20	10.0	0.60	20.0	0.300	10.0-CT-10.0	0.300	
3FL24-250	PF6-24	12.0	0.50	24.0	0.250	12.0-CT-12.0	0.250	
3FL30-200	PF6-30	15.0	0.40	30.0	0.200	15.0-CT-15.0	0.200	
3FL34-170	PF6-34	17.0	0.34	34.0	0.170	17.0-CT-17.0	0.170	
3FL40-150	N/A	20.0	0.30	40.0	0.150	20.0-CT-20.0	0.150	
3FL56-100	PF6-56	28.0	0.20	56.0	0.100	28.0-CT-28.0	0.100	
3FL88-65	N/A	44.0	0.13	88.0	0.065	44.0-CT-44.0	0.065	
3FL120-50	N/A	60.0	0.10	120.0	0.050	60.0-CT-60.0	0.050	
K. BRENNAN	3FL230-25	N/A	115.0	0.05	230.0	0.025	115.0-CT-115.0	0.025

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K. BRENNAN

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SAFETY ENGINEER

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APPROVED:

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3FL & PF 6VA

MODEL SPECIFICATION

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

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