

A. Electrical Specifications (@ 25°C)

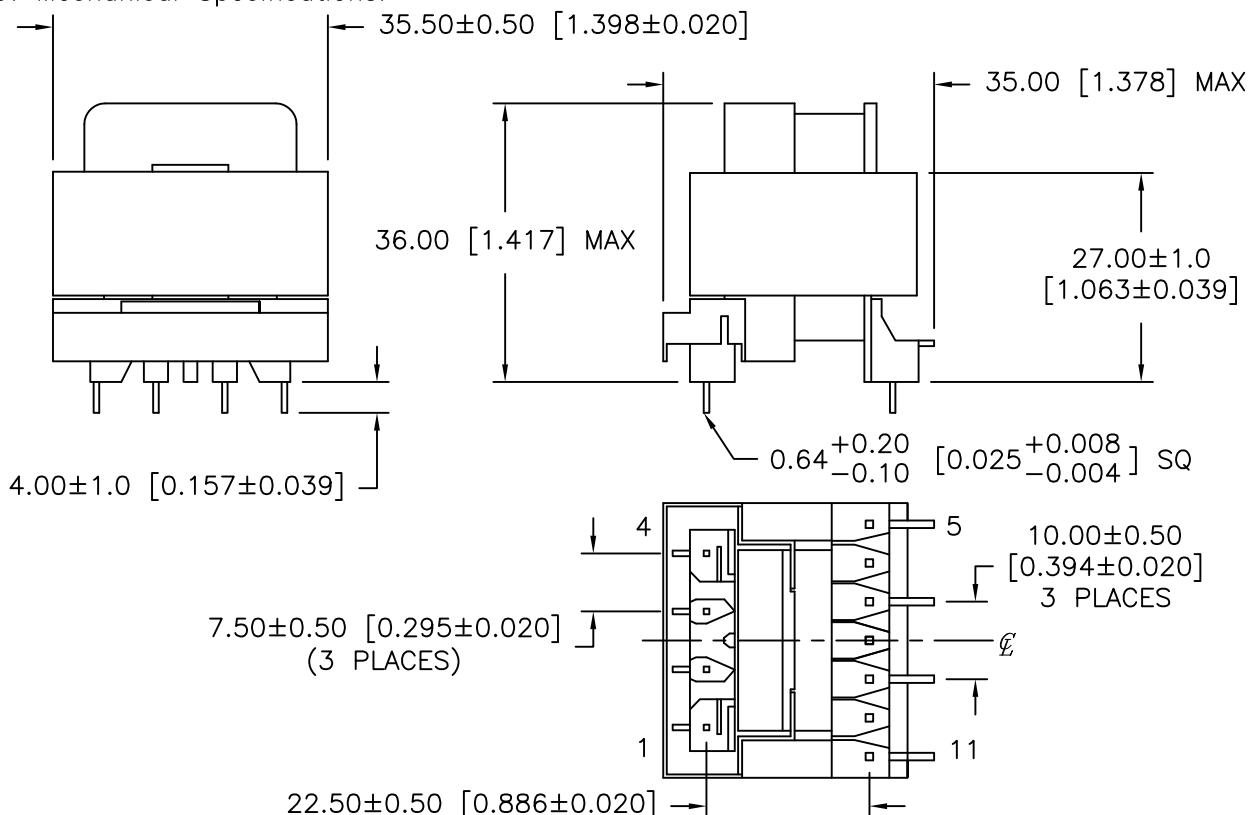
1. Maximum Power: 3.0VA
2. Primary Voltage and Frequency: 120VAC, 60Hz
3. Secondary RMS Rating: See Table A (on sheet 2)
4. Voltage Regulation: 25% MAX @ full load to no load
5. Temperature Rise: 35°C MAX @ $V_{in} = 120VAC$, 60Hz and rated load condition (measured by resistance method).
6. Insulation Resistance:
100MΩ MIN @ 500VDC, Pri to Sec, Pri to Core
100MΩ MIN @ 500VDC, Sec to Core
7. Dielectric Withstand:
3000Vrms @ Pri to Sec, Pri to Core
500Vrms @ Sec to Core

B. Marking: TAMURA, part number (see sheet 2), date code and country of origin

C. Safety:

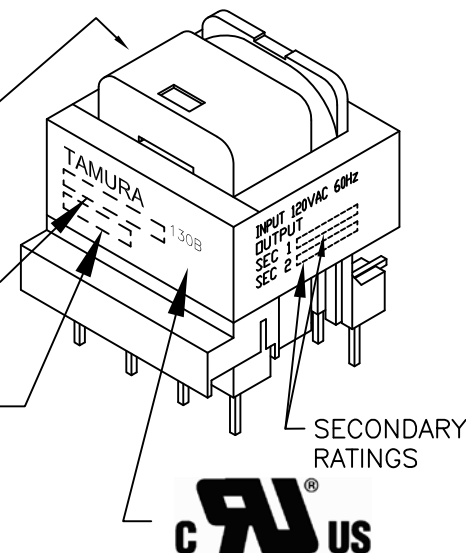
Conforms to construction requirements of
UL60950-1
UL60335-1
UL60065
UL5085-3/CSA No66.3 (UL File E64149)
Class 2 or 3 output, Inherently limited where noted.
UL-Recognized Electrical Insulation System rated 130°C(B)
for use as Reinforced Insulation, or Where Double Insulation
is required in accordance with UL1097.

D. Mechanical Specifications:



MODEL NUMBER

SB3516-30XX



PREPARED BY:

E. BRINER

ENGINEER:

MATHI PITCHAI

SAFETY ENGINEER

B.O.

APPROVED:

TB

DWG CONTROL NO.

P-A1-13116

ACAD\MXFMR\A1131161.DWG

REV

F

3.0VA PCB

SMALL POWER TRANSFORMER

TAMURA CORPORATION OF AMERICA

43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624
(951) 699-1270 FAX 9516769482

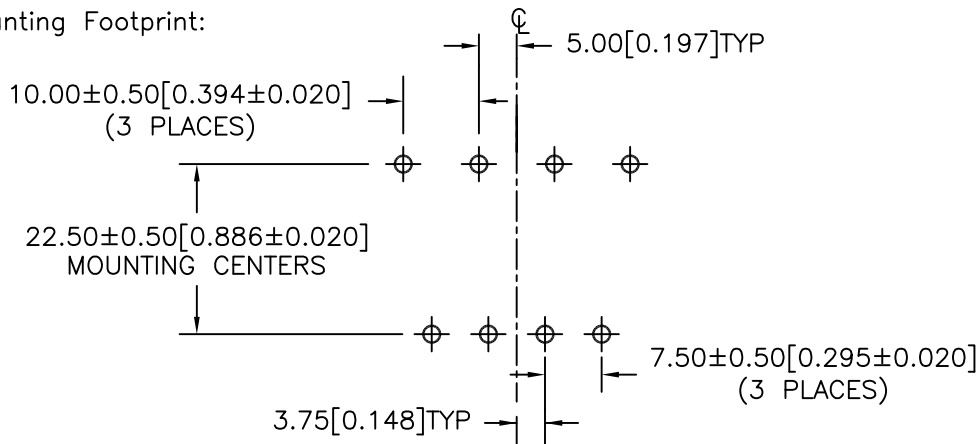
SB3516-30XX

MODEL SPECIFICATION

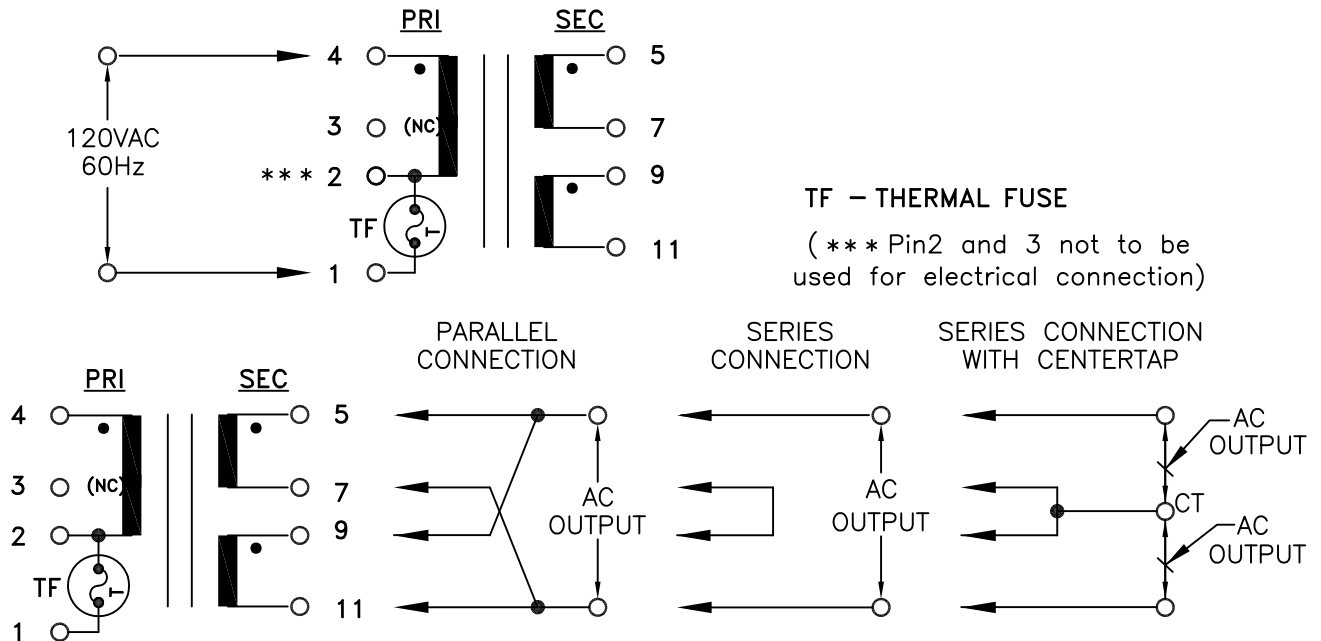
DIM: mm[In] SCL: 1/1 SH: 1 OF 2

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E. Mounting Footprint:



F. Schematic Diagram:



(* Non-Inherently limited, each secondary shall be fused using a JDXY listed fuse, rated $\leq 2A$)

G. Table A:

(** Series Output is Class 3, Parallel Output is Class 2)

PART NO.	PARALLEL CONNECTION		SERIES CONNECTION		SERIES CONNECTION WITH CT		OUTPUT
	AC VOLTS	RMS mAMPS	AC VOLTS	RMS mAMPS	AC VOLTS	RMS mAMPS	
SB3516 - 3004*	2.0	1500	4.0	750	2.0 - CT - 2.0	750	2X2.0V
SB3516-3006	3.0	1000	6.0	500	3.0-CT-3.0	500	2X3.0V
SB3516-3010	5.0	600	10.0	300	5.0-CT-5.0	300	2X5.0V
SB3516-3014	7.0	430	14.0	215	7.0-CT-7.0	215	2X7.0V
SB3516-3016	8.0	380	16.0	190	8.0-CT-8.0	190	2X8.0V
SB3516-3018	9.0	330	18.0	165	9.0-CT-9.0	165	2X9.0V
SB3516-3022	11.0	270	22.0	135	11.0-CT-11.0	135	2X11.0V
SB3516-3024	12.0	250	24.0	125	12.0-CT-12.0	125	2X12.0V
SB3516-3026**	13.0	230	26.0	115	13.0-CT-13.0	115	2X13.0V
SB3516-3030**	15.0	200	30.0	100	15.0-CT-15.0	100	2X15.0V

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APPROVED:

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ACAD\MXFMR\A1131161.DWG

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SB3516-30XX

MODEL SPECIFICATION

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

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MODEL NUMBER

SB3516-30XX

Mouser Electronics

Authorized Distributor

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Tamura:

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