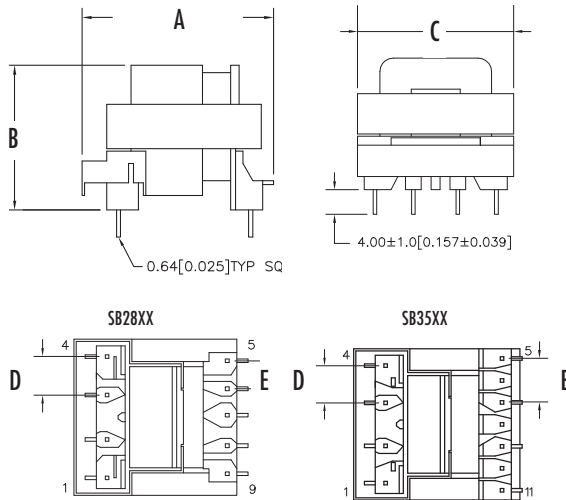


Low Cost Power Transformers

- 120V Single Primary
- Class A & B Insulation
- 2,500Vrms HiPot (Pri:Sec)
- UL 94 V-0 Flammability
- Recognized Insulation System for custom designs.
- 1.2VA to 3VA
- Inherently and Non-Inherently Limited
- Designed to Meet UL1411, UL60950 and UL1585



Dimensions Inches (mm)

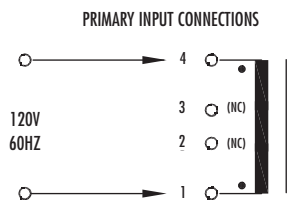
Part #	A	B	C	D	E
SB2812	1.30 (33.0)	1.14 (29.0)	1.12 (28.5)	0.295 (7.50)	0.197 (5.00)
SB2816	1.30 (33.0)	1.30 (33.0)	1.12 (28.5)	0.295 (7.50)	0.197 (5.00)
SB3512	1.38 (35.0)	1.26 (32.0)	1.40 (35.5)	0.295 (7.50)	0.394 (10.0)
SB3516	1.38 (35.0)	1.42 (36.0)	1.40 (35.5)	0.295 (7.50)	0.394 (10.0)

All dimensions are ± 0.02 (0.50) unless otherwise noted.

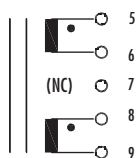
Packaging: Cardboard tray

Part#	Box
SB2812/16	40
SB3512/16	35

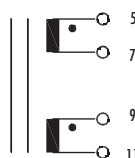
Schematics



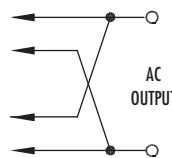
SB2812/16 PRIMARY OUTPUT CONNECTIONS



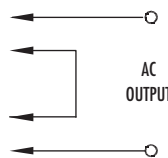
SB3512/16 PRIMARY OUTPUT CONNECTIONS



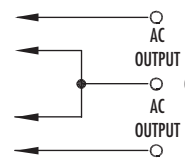
PARALLEL CONNECTIONS



SERIES CONNECTIONS



SERIES CONNECTIONS WITH CENTERTAP



TAMURA PART NUMBER SINGLE 120V 60Hz	SECONDARY RMS RATING					
	PARALLEL CONNECTED		SERIES CONNECTED		SERIES CONNECTED w/CT	
	AC VOLTS	mAmps	AC VOLTS	mAmps	AC VOLTS	mAmps
SB2812-1204	2.0	600	4.0	300	2.0-CT-2.0	300
SB2816-1604	2.0	800	4.0	400	2.0-CT-2.0	400
SB3512-2004	2.0	1000	4.0	500	2.0-CT-2.0	500
SB3516-3004	2.0	1500	4.0	750	2.0-CT-2.0	750
SB2812-1206	3.0	400	6.0	200	3.0-CT-3.0	200
SB2816-1606	3.0	530	6.0	265	3.0-CT-3.0	265
SB3512-2006	3.0	670	6.0	335	3.0-CT-3.0	335
SB3516-3006	3.0	1000	6.0	500	3.0-CT-3.0	500
SB2812-1210	5.0	240	10.0	120	5.0-CT-5.0	120
SB2816-1610	5.0	320	10.0	160	5.0-CT-5.0	160
SB3512-2010	5.0	400	10.0	200	5.0-CT-5.0	200
SB3516-3010	5.0	600	10.0	300	5.0-CT-5.0	300
SB2812-1214	7.0	170	14.0	85	7.0-CT-7.0	85
SB2816-1614	7.0	230	14.0	115	7.0-CT-7.0	115
SB3512-2014	7.0	290	14.0	145	7.0-CT-7.0	145
SB3516-3014	7.0	430	14.0	215	7.0-CT-7.0	215
SB2812-1216	8.0	150	16.0	75	8.0-CT-8.0	75
SB2816-1616	8.0	200	16.0	100	8.0-CT-8.0	100
SB3512-2016	8.0	250	16.0	125	8.0-CT-8.0	125
SB3516-3016	8.0	380	16.0	190	8.0-CT-8.0	190
SB2812-1218	9.0	130	18.0	65	9.0-CT-9.0	65
SB2816-1618	9.0	180	18.0	90	9.0-CT-9.0	90
SB3512-2018	9.0	220	18.0	110	9.0-CT-9.0	110
SB3516-3018	9.0	330	18.0	165	9.0-CT-9.0	165
SB2812-1222	11.0	110	22.0	55	11.0-CT-11.0	55
SB2816-1622	11.0	150	22.0	75	11.0-CT-11.0	75
SB3512-2022	11.0	180	22.0	90	11.0-CT-11.0	90
SB3516-3022	11.0	270	22.0	135	11.0-CT-11.0	135
SB2812-1224	12.0	100	24.0	50	12.0-CT-12.0	50
SB2816-1624	12.0	130	24.0	65	12.0-CT-12.0	65
SB3512-2024	12.0	170	24.0	85	12.0-CT-12.0	85
SB3516-3024	12.0	250	24.0	125	12.0-CT-12.0	125
SB2812-1226	13.0	90	26.0	45	13.0-CT-13.0	45
SB2816-1626	13.0	120	26.0	60	13.0-CT-13.0	60
SB3512-2026	13.0	150	26.0	75	13.0-CT-13.0	75
SB3516-3026	13.0	230	26.0	115	13.0-CT-13.0	115
SB2812-1230	15.0	80	30.0	40	15.0-CT-15.0	40
SB2816-1630	15.0	110	30.0	55	15.0-CT-15.0	55
SB3512-2030	15.0	130	30.0	65	15.0-CT-15.0	65
SB3516-3030	15.0	200	30.0	100	15.0-CT-15.0	100

1. -TF suffix for inherently limited product version.

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