“Argent Angel” S Series PCB Mounting Power Transformers

LI017V6/2016-EN

1. Features

① The fully-encapsulated printed circuit board is able to be directly welded and assembled, making it easy to use with a perfect outline.
② It is compact in structure, solid, vibration-proof, moisture-proof, flame-resistant, and has high dielectric strength.
③ It has low idle current, high power factor, and good over input voltage capacity.
④ Compared with the T Series, it has higher reliability and better adaptability to the environment.
⑤ It has a built-in temperature protector, making it safer to use.

2. Ambient Conditions

① Ambient temperature：-25℃～+70℃;
② Relative humidity：≤90% at 40℃;
③ Atmospheric pressure：860～1060mbar (650～800mmHg approximately).

3. Insulation Rating: Class F (155℃).

4. Safety Features

① Dielectric resistance: >1000MΩ in normal condition;
② Insulation withstand voltages: 3750V (50HZ)/1 min;
③ Insulation impact strength: Continuously 20 times impact of 6KV (50HZ)/50μS;
④ Fire retardancy: In conformity with UL94-Vo;

5. Safety Certification:

6. Rated Power

0.25VA，0.35VA，0.5VA，0.6VA，0.8VA，1VA，1.2VA，1.3VA，1.5VA，2VA，3VA，4VA，5VA，8VA，10VA，12VA，15VA，18VA

7. Rating

① Standard series：
Primary：220V±25%　50Hz/60Hz
Secondary：
Single output：6V, 7.5V, 9V, 12V, 15V, 18V, 21V, 24V, 27V
Double output：2×6V, 2×7.5V, 2×9V, 2×12V, 2×15V, 2×18V, 2×21V, 2×24V, 2×27V
② Non-standard series: It can be customized based on customer's requirements.

8. Universal Technical Parameters of S Series Standard Product

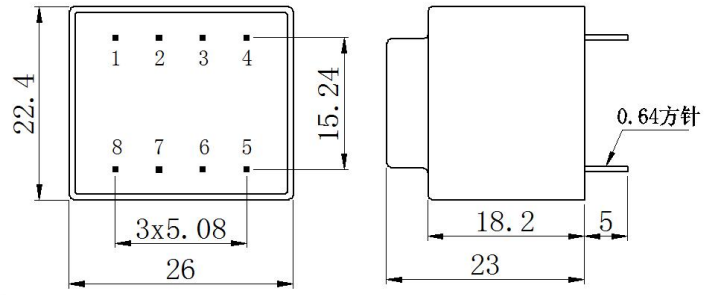
SN	Model	Power	Idle Current	Idle Loss	Voltage Regulation Ratio	Temperature Rise	Weight (g)	Dimension L×W×H (mm)³
1	S0.25	0.25VA	≤2.5mA	≤0.10W	≤26%	≤10℃	40	26×22.5×23
2	S0.35L	0.35VA	≤3.5mA	≤0.20W	≤45%	≤10℃	40	32.6×27.6×16
3	S0.5	0.5VA	≤4.5mA	≤0.30W	≤30%	≤10℃	50	26×22.4×26
4	S0.6	0.6VA	≤3.0mA	≤0.12W	≤38%	≤11℃	60	30.5×27.5×20.5
5	S0.8	0.8VA	≤4.0 mA	≤0.20W	≤20%	≤12℃	75	30.5×27.5×25
6	S1	1VA	≤4.5mA	≤0.15W	≤20%	≤12℃	75	30.5×27.5×25
7	S1L	1VA	≤8.0mA	≤0.17W	≤23%	≤12℃	75	32.6×27.6×22.2
8	S1.2	1.2VA	≤7.0 mA	≤0.25W	≤16%	≤15℃	100	30.5×27.5×31.25
9	S1.3L	1.3VA	≤7.5 mA	≤0.26W	≤17%	≤15℃	110	43×35×22
10	S1.5	1.5VA	≤7.5 mA	≤0.20W	≤17.5%	≤15℃	100	30.5×27.5×31.25
11	S1.5L	1.5VA	≤8.0 mA	≤0.35W	≤12.5%	≤15℃	125	43×35×24.5
12	S2	2VA	≤7.5mA	≤0.20W	≤15%	≤15℃	125	37.5×32×31
13	S2L	2VA	≤8.5mA	≤0.35W	≤15%	≤15℃	135	44×36×26.5
14	S2S	2VA	≤12mA	≤0.25W	≤21%	≤15℃	135	32.6×27.6×31.25
15	S3	3VA	≤8.0 mA	≤0.25W	≤15%	≤15℃	155	37.5×32×35
16	S4	4VA	≤16mA	≤0.50W	≤13%	≤18℃	195	45×37×33
17	S5	5VA	≤18 mA	≤0.35W	≤13%	≤18℃	195	45×37×33
18	S8	8VA	≤20 mA	≤0.80W	≤20%	≤18℃	275	51×43×33.8
19	S10	10VA	≤20 mA	≤0.65W	≤15%	≤20℃	300	51×43×36
20	S12	12VA	≤20mA	≤0.50W	≤15%	≤20℃	300	51×43×36
21	S15	15VA	≤28 mA	≤0.70W	≤11%	≤22℃	415	58.5×49×40
22	S18	18VA	≤28mA	≤0.60W	≤10%	≤22℃	415	58.5×49×40

9. Attention:

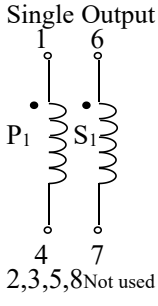
Since this transformer product has many leadouts and the leadouts are relatively hard, in order to facilitate the plug-in, it is suggested that when designing the printed circuit board, leave some margin for the size of the transformer pin holes (if the leadout is 0.8mm, the pin hole size can be designed to 1.2mm; if the leadout is 1mm, the pin hole size can be designed to 1.5mm).

10. Outline, Installation Dimension and Detailed Technical Parameters of S Series Standard Product

1. S0.25(0.25VA) （Tolerance±0.5mm）

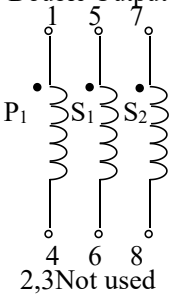


Single Output



2,3,5,8Not used

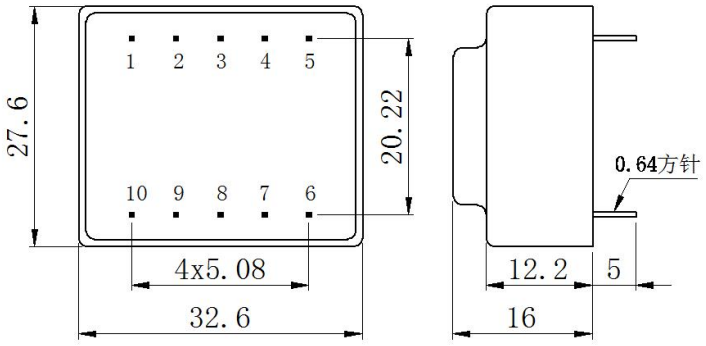
Double Output



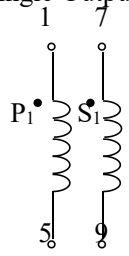
2,3Not used

Model	Primary Voltage	Primary Current		Secondary Voltage		Secondary Current (mA)	Equivalent Internal Resistance (Ω)
		Idle	Full Load	Idle	Full Load		
S0.25-01	Rating220V Max.275V Frequency 50Hz	≤2.5mA	≤3mA	8V	6V	42	54
S0.25-01B				10V	7.5V	33	84
S0.25-02				11.9V	9V	28	118
S0.25-03				15.9V	12V	21	210
S0.25-04				19.8V	15V	17	325
S0.25-05				23.8V	18V	14	475
S0.25-05B				27.7V	21V	12	645
S0.25-06				31.8V	24V	10	885
S0.25-06B				35.8V	27V	9	1100
S0.25-07	Rating220V Max.275V Frequency 50Hz	≤2.5mA	≤3mA	2×8V	2×6V	2×21	2×108
S0.25-07B				2×10V	2×7.5V	2×17	2×168
S0.25-08				2×11.9V	2×9V	2×14	2×236
S0.25-09				2×15.9V	2×12V	2×10	2×420
S0.25-10				2×19.8V	2×15V	2×8	2×650
S0.25-11				2×23.8V	2×18V	2×7	2×950
S0.25-11B				2×27.7V	2×21V	2×6	2×1290
S0.25-12				2×31.8V	2×24V	2×5	2×1800
S0.25-12B				2×35.8V	2×27V	2×4.6	2×2200

2. S0.35L(0.35VA) （Tolerance±0.5mm）

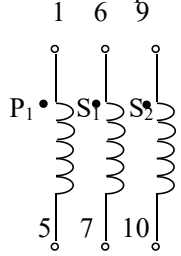


Single Output



2,3,4,6,8,10
Not used

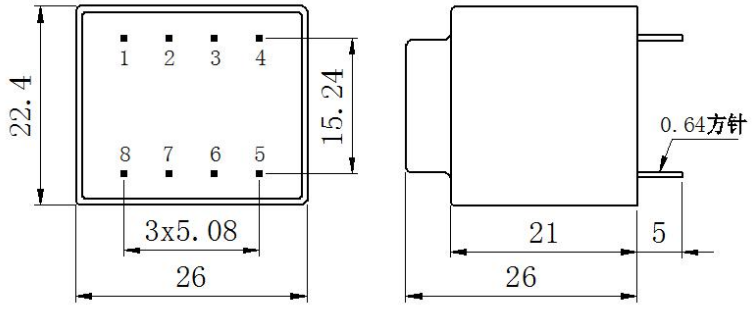
Double Output

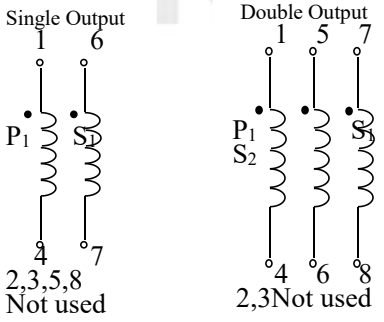


2,3,4,8Not used

Model	Primary Voltage	Primary Current		Secondary Voltage		Secondary Current (mA)	Equivalent Internal Resistance (Ω)
		Idle	Full Load	Idle	Full Load		
S0.35L-01	Rating220V Max.253V Frequency 50Hz	≤3.5mA	≤6.5mA	10.9V	6V	58.3	85
S0.35L-01B				13.4V	7.5V	46.6	126
S0.35L-02				16.1V	9V	38.8	188
S0.35L-03				21.5V	12V	29.1	337
S0.35L-04				27.2V	15V	23.3	536
S0.35L-05				32.7V	18V	19.4	766
S0.35L-05B				38.1V	21V	16.7	1032
S0.35L-06				43.3V	24V	14.5	1387
S0.35L-06B				48.8V	27V	12.9	1742
S0.35L-07	Rating220V Max.253V Frequency 50Hz	≤3.5mA	≤6.5mA	2×10.2V	2×6V	2×29.2	2×151
S0.35L-07B				2×13.4V	2×7.5V	2×23.3	2×268
S0.35L-08				2×16.0V	2×9V	2×19.4	2×371
S0.35L-09				2×21.4V	2×12V	2×14.6	2×681
S0.35L-10				2×27.2V	2×15V	2×11.7	2×1093
S0.35L-11				2×32.9V	2×18V	2×9.7	2×1624
S0.35L-11B				2×35.8V	2×21V	2×8.3	2×1871
S0.35L-12				2×40.9V	2×24V	2×7.3	2×2528
S0.35L-12B				2×46.0V	2×27V	2×6.5	2×3054

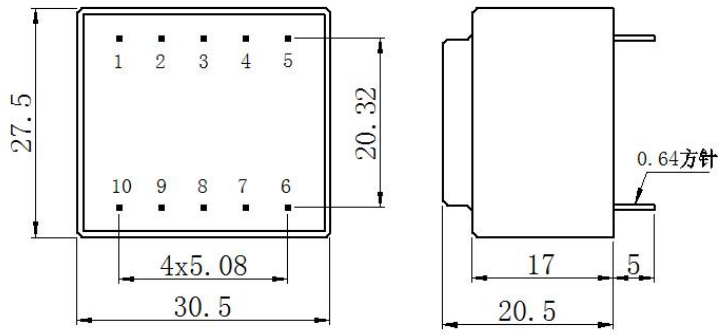
3. S0.5(0.5VA) （Tolerance±0.5mm）

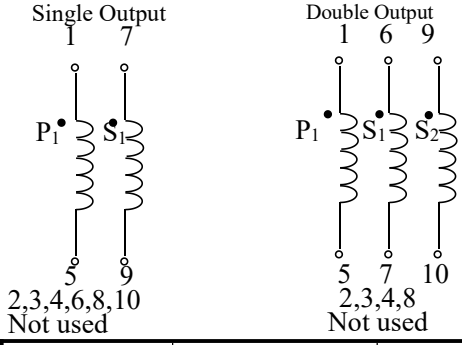




Model	Primary Voltage	Primary Current		Secondary Voltage		Secondary Current (mA)	Equivalent Internal Resistance (Ω)
		Idle	Full Loa	Idle	Full Load		
S0.5-01	Rating220V Max.253V Frequency 50Hz	≤6mA	≤7.5mA	8.3V	6V	83.3	30
S0.5-01B				10.6V	7.5V	66.6	49
S0.5-02				12.7V	9V	55.5	72.8
S0.5-03				17V	12V	41.6	126
S0.5-04				21.4V	15V	33.3	200
S0.5-05				25.7V	18V	27.7	293
S0.5-05B				30.1V	21V	23.8	393
S0.5-06				33.2V	24V	20.8	480
S0.5-06B				39.1V	27V	18.2	685
S0.5-07	Rating220V Max.253V Frequency 50Hz	≤6mA	≤7.5mA	2×7.4V	2×6V	2×41.6	2×59
S0.5-07B				2×10.6V	2×7.5	2×33.3	2×92.8
S0.5-08				2×12.8V	2×9V	2×27.7	2×137
S0.5-09				2×17.1V	2×12V	2×20.8	2×248
S0.5-10				2×21.1V	2×15V	2×16.6	2×363
S0.5-11				2×25.7V	2×18V	2×13.8	2×554
S0.5-11B				2×30.0V	2×21V	2×11.9	2×770
S0.5-12				2×34.3V	2×24V	2×10.4	2×994
S0.5-12B				2×38.5V	2×27V	2×9.2	2×1264

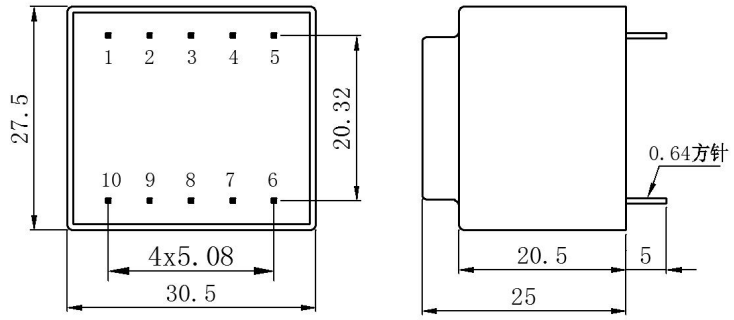
4. S0.6(0.6VA) （Tolerance±0.5mm）

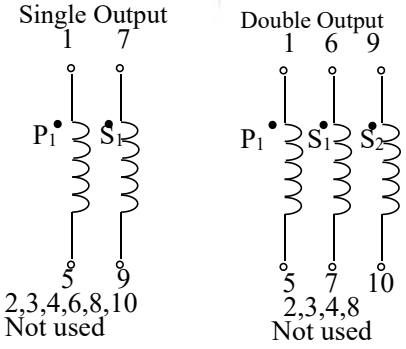




Model	Primary Voltage	Primary Current		Secondary Voltage		Secondary Current (mA)	Equivalent Internal Resistance (Ω)
		Idle	Full Load	Idle	Full Load		
S0.6-01	Rating220V Max.275V Frequency 50Hz	≤3mA	≤5mA	9.3V	6V	100	35
S0.6-01B				11.5V	7.5V	80	55
S0.6-02				14V	9V	67	78
S0.6-03				18.5V	12V	50	137
S0.6-04				23.2V	15V	40	223
S0.6-05				27.5V	18V	33	311
S0.6-05B				33V	21V	28.5	444
S0.6-06				37.2V	24V	25	565
S0.6-06B				42V	27V	22	713
S0.6-07	Rating220V Max.275V Frequency 50Hz	≤3mA	≤5mA	2×9.3V	2×6V	2×50	2×69
S0.6-07B				2×12V	2×7.5V	2×40	2×94
S0.6-08				2×14.5V	2×9V	2×33	2×179
S0.6-09				2×18.8V	2×12V	2×25	2×288
S0.6-10				2×23.8V	2×15V	2×20	2×466
S0.6-11				2×29V	2×18V	2×16.6	2×724
S0.6-11B				2×35V	2×21V	2×14	2×1055
S0.6-12				2×39V	2×24V	2×12.5	2×1334
S0.6-12B				2×44V	2×27V	2×11	2×1674

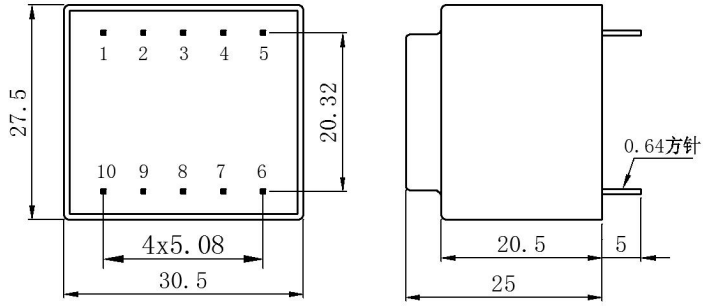
5. S0.8(0.8VA) （Tolerance±0.5mm）

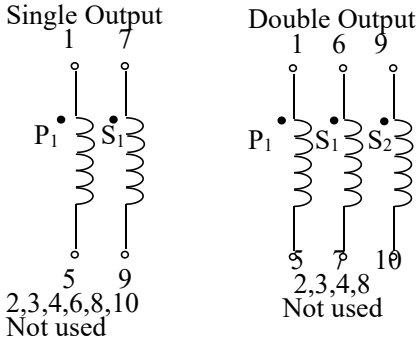




Model	Primary Voltage	Primary Current		Secondary Voltage		Secondary Current (mA)	Equivalent Internal Resistance (Ω)
		Idle	Full Load	Idle	Full Load		
S0.8-01	Rating220V Max.275V Frequency 50Hz	≤4mA	≤6mA	7.6V	6V	133	14
S0.8-01B				9.5V	7.5V	107	22
S0.8-02				11.4V	9V	89	32
S0.8-03				15.2V	12V	67	56
S0.8-04				19V	15V	53	89
S0.8-05				22.8V	18V	44	129
S0.8-05B				26.6V	21V	38	175
S0.8-06				30.4V	24V	33	230
S0.8-06B				34.2V	27V	30	285
S0.8-07	Rating220V Max.275V Frequency 50Hz	≤4mA	≤6mA	2×7.6V	2×6V	2×67	2×28
S0.8-07B				2×9.5V	2×7.5V	2×53	2×44
S0.8-08				2×11.4V	2×9V	2×44	2×64
S0.8-09				2×15.2V	2×12V	2×33	2×112
S0.8-10				2×19V	2×15V	2×27	2×178
S0.8-11				2×22.8V	2×18V	2×22	2×258
S0.8-11B				2×26.6V	2×21V	2×19	2×350
S0.8-12				2×30.4V	2×24V	2×17	2×460
S0.8-12B				2×34.2V	2×27V	2×15	2×570

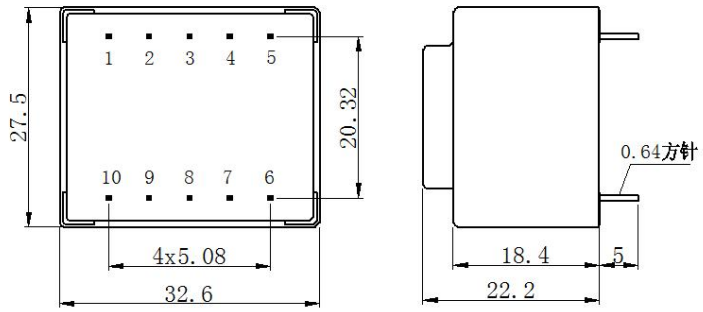
6. S1(1VA) （Tolerance±0.5mm）

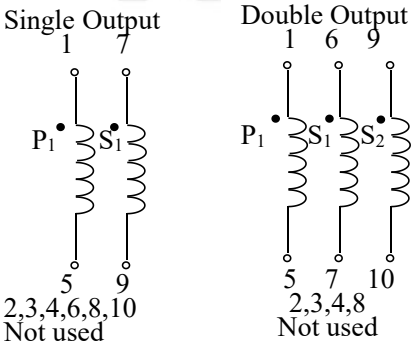




Model	Primary Voltage	Primary Current		Secondary Voltage		Secondary Current (mA)	Equivalent Internal Resistance (Ω)
		Idle	Full Load	Idle	Full Load		
S1-01	Rating220V Max.275V Frequency 50Hz	≤6mA	≤9mA	7.6V	6V	167	11
S1-01B				9.5V	7.5V	133	17.5
S1-02				11.4V	9V	111	25.5
S1-03				15.22V	12V	83	45.5
S1-04				19V	15V	67	70.5
S1-05				22.8V	18V	55.6	102
S1-05B				26.6V	21V	47.6	140
S1-06				30.4V	24V	41.7	182
S1-06B				34.2V	27V	37	230
S1-07	Rating220V Max.275V Frequency 50Hz	≤6mA	≤9mA	2×7.6V	2×6V	2×83	2×22
S1-07B				2×9.5V	2×7.5V	2×67	2×35
S1-08				2×11.4V	2×9V	2×55.6	2×51
S1-09				2×15.2V	2×12V	2×41.7	2×91
S1-10				2×19V	2×15V	2×33	2×141
S1-11				2×22.8V	2×18V	2×27.8	2×204
S1-11B				2×26.6V	2×21V	2×23.8	2×280
S1-12				2×30.4V	2×24V	2×20.8	2×364
S1-12B				2×34.2V	2×27V	2×18.5	2×460

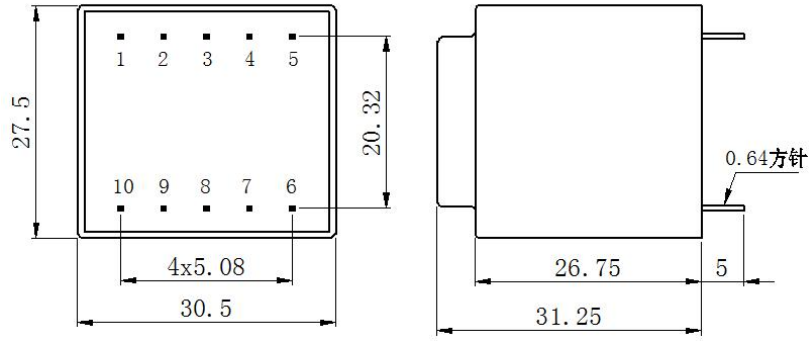
7. S1L(1VA) （Tolerance±0.5mm）

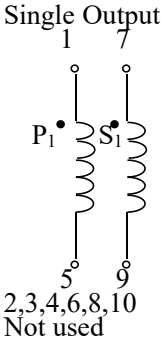


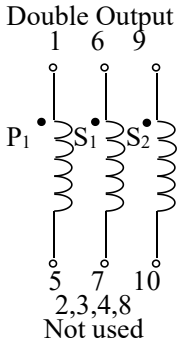


Model	Primary Voltage	Primary Current		Secondary Voltage		Secondary Current (mA)	Equivalent Internal Resistance (Ω)
		Idle	Full Load	Idle	Full Load		
S1L-01	Rating220V Max.275V Frequency 50Hz	≤8mA	≤12mA	7.8V	6V	167	11
S1L -01B				9.8V	7.5V	133	17
S1L -02				11.7V	9V	111	25
S1L -03				15.7V	12V	83	44
S1L -04				19.6V	15V	67	70
S1L -05				23.5V	18V	55.6	103
S1L -05B				27.4V	21V	48	136
S1L -06				31.3V	24V	42	174
S1L -06B				35.2V	27V	37	227
S1L -07	Rating220V Max.275V Frequency 50Hz	≤8mA	≤12mA	2×7.8V	2×6V	2×83	2×23.3
S1L -07B				2×9.7V	2×7.5V	2×67	2×35
S1L -08				2×11.7V	2×9V	2×55.6	2×50.7
S1L -09				2×15.5V	2×12V	2×42	2×88.3
S1L -10				2×19.3V	2×15V	2×33	2×139
S1L -11				2×23.3V	2×18V	2×28	2×199.5
S1L -11B				2×25.9V	2×21V	2×24	2×218
S1L -12				2×29.1V	2×24V	2×21	2×255
S1L -12B				2×33V	2×27V	2×18.5	2×354

8. S1.2(1.2VA) （Tolerance±0.5mm）

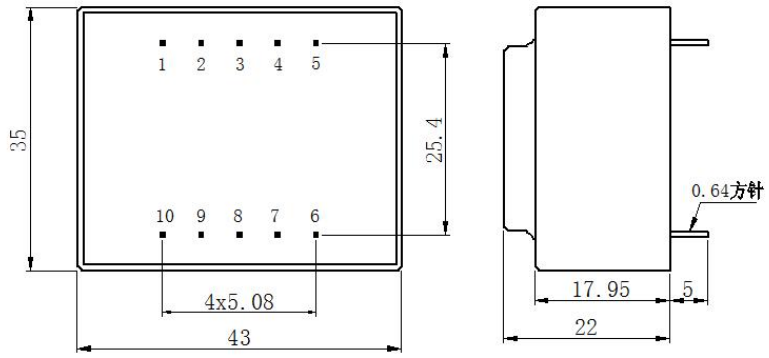




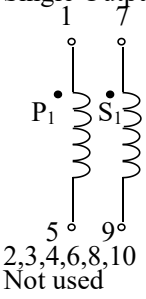


Model	Primary Voltage	Primary Current		Secondary Voltage		Secondary Current (mA)	Equivalent Internal Resistance (Ω)
		Idle	Full Load	Idle	Full Load		
S1.2-01	Rating220V Max.275V Frequency 50Hz	≤7mA	≤9mA	7V	6V	200	6.0
S1.2-01B				8.8V	7.5V	160	10
S1.2-02				10.5V	9V	133	14
S1.2-03				14V	12V	100	25
S1.2-04				17.6V	15V	80	40
S1.2-05				21V	18V	66.7	56
S1.2-05B				24.5V	21V	57	78
S1.2-06				28V	24V	50	100
S1.2-06B				31.5V	27V	44	126
S1.2-07	Rating220V Max.275V Frequency 50Hz	≤7mA	≤9mA	2×7V	2×6V	2×100	2×12
S1.2-07B				2×8.8V	2×7.5V	2×80	2×20
S1.2-08				2×10.5V	2×9V	2×66.7	2×28
S1.2-09				2×14V	2×12V	2×50	2×50
S1.2-10				2×27.6V	2×15V	2×40	2×80
S1.2-11				2×21V	2×18V	2×33	2×112
S1.2-11B				2×24.5V	2×21V	2×28.5	2×156
S1.2-12				2×28V	2×24V	2×25	2×200
S1.2-12B				2×31.5V	2×27V	2×22	2×252

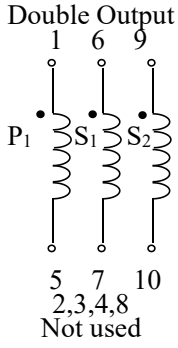
9. S1.3L(1.3VA) （Tolerance±0.5mm）



Single Output

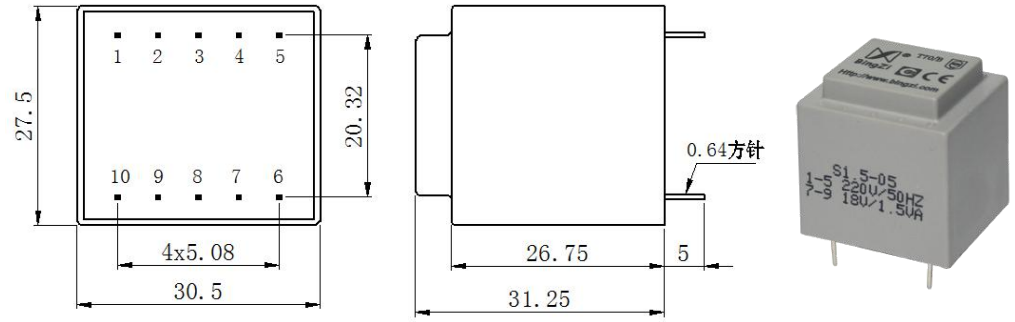


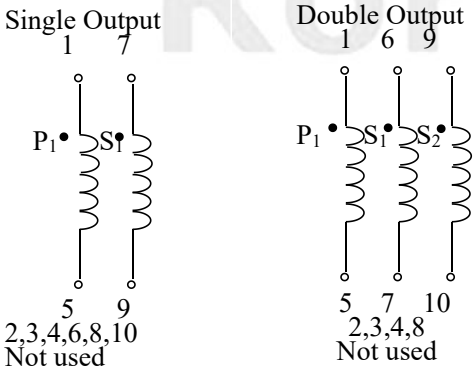
Double Output



Model	Primary Voltage	Primary Current		Secondary Voltage		Secondary Current (mA)	Equivalent Internal Resistance (Ω)
		Idle	Full Load	Idle	Full Load		
S1.3L-01	Rating220V Max.275V Frequency 50Hz	≤7.5mA	≤10mA	7.2V	6V	216	6
S1.3L-01B				9V	7.5V	173	9
S1.3L-02				10.7V	9V	144	12
S1.3L-03				14.3V	12V	108	21
S1.3L-04				18V	15V	87	35
S1.3L-05				21.5V	18V	72	49
S1.3L-05B				25.3V	21V	61.9	68
S1.3L-06				29V	24V	54	89
S1.3L-06B				32.6V	27V	48	113
S1.3L-07	Rating220V Max.275V Frequency 50Hz	≤7.5mA	≤10mA	2×7.1V	2×6V	2×108	2×11
S1.3L-07B				2×9V	2×7.5V	2×87	2×17
S1.3L-08				2×10.9V	2×9V	2×72	2×23
S1.3L-09				2×14.3V	2×12V	2×54	2×43
S1.3L-10				2×18V	2×15V	2×43	2×70
S1.3L-11				2×21.5V	2×18V	2×36	2×98
S1.3L-11B				2×25.2V	2×21V	2×31	2×135
S1.3L-12				2×28.8V	2×24V	2×27	2×177
S1.3L-12B				2×32.9V	2×27V	2×24	2×237

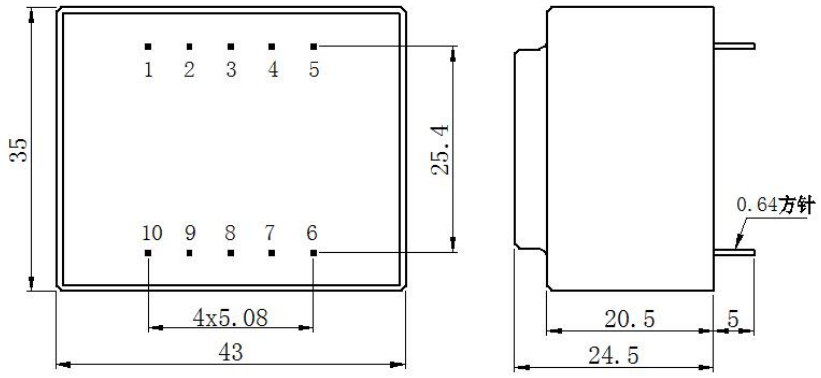
10. S1.5(1.5VA) （Tolerance±0.5mm）

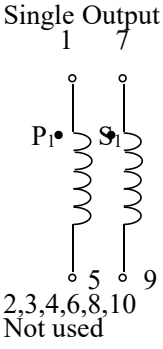


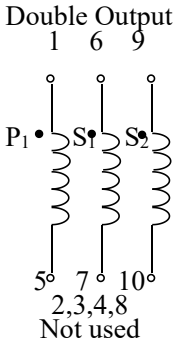


Model	Primary Voltage	Primary Current		Secondary Voltage		Secondary Current (mA)	Equivalent Internal Resistance (Ω)
		Idle	Full Load	Idle	Full Load		
S1.5-01	Rating220V Max.275V Frequency 50Hz	≤7.5mA	≤11mA	7.3V	6V	250	5.7
S1.5-01B				9V	7.5V	200	8.9
S1.5-02				10.8V	9V	167	12.5
S1.5-03				14.5V	12V	125	22.5
S1.5-04				18V	15V	100	35.5
S1.5-05				21.5V	18V	83	51.5
S1.5-05B				25V	21V	71	70
S1.5-06				28.5V	24V	62.5	91
S1.5-06B				32V	27V	55.6	115
S1.5-07	Rating220V Max.275V Frequency 50Hz	≤7.5mA	≤11mA	2×7.2V	2×6V	2×125	2×11.4
S1.5-07B				2×9V	2×7.5V	2×100	2×17.8
S1.5-08				2×10.8V	2×9V	2×83	2×25
S1.5-09				2×14.5V	2×12V	2×62.5	2×45
S1.5-10				2×18V	2×15V	2×50	2×71
S1.5-11				2×21.5V	2×18V	2×41.6	2×103
S1.5-11B				2×25V	2×21V	2×35.5	2×140
S1.5-12				2×28.5V	2×24V	2×31	2×182
S1.5-12B				2×32V	2×27V	2×27.8	2×230

11. S1.5L(1.5VA) （Tolerance±0.5mm）

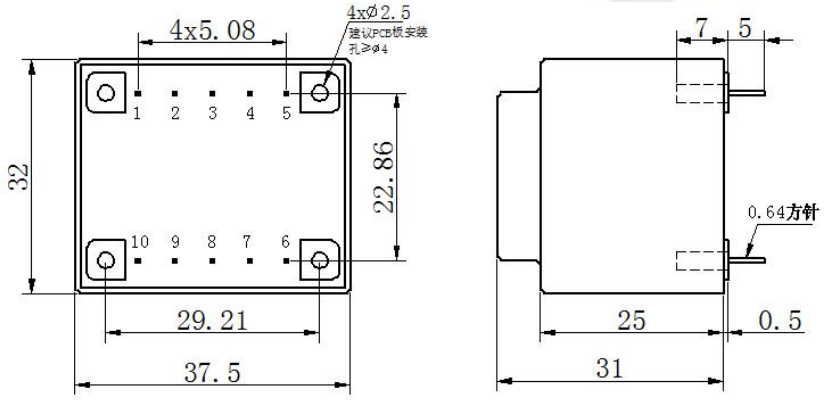


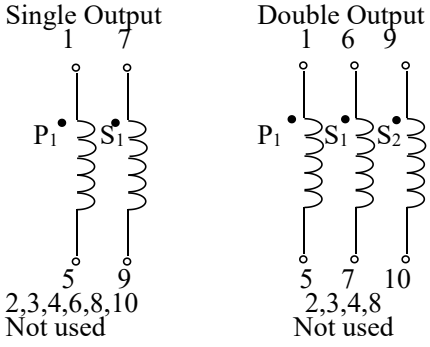




Model	Primary Voltage	Primary Current		Secondary Voltage		Secondary Current (mA)	Equivalent Internal Resistance (Ω)
		Idle	Full Load	Idle	Full Load		
S1.5L-01	Rating220V Max.275V Frequency 50Hz	≤8mA	≤11.5mA	6.8V	6V	250	4
S1.5L-01B				8.5V	7.5V	200	6.5
S1.5L-02				10.2V	9V	167	9.5
S1.5L-03				13.6V	12V	125	16
S1.5L-04				17V	15V	100	26
S1.5L-05				20.4V	18V	83	38
S1.5L-05B				23.8V	21V	71	52
S1.5L-06				27.2V	24V	62.5	64
S1.5L-06B				30.6V	27V	56	85
S1.5L-07	Rating220V Max.275V Frequency 50Hz	≤8mA	≤11.5mA	2×6.8V	2×6V	2×125	2×8
S1.5L-07B				2×8.5V	2×7.5V	2×100	2×13
S1.5L-08				2×10.2V	2×9V	2×83	2×19
S1.5L-09				2×13.6V	2×12V	2×62.5	2×32
S1.5L-10				2×17V	2×15V	2×50	2×52
S1.5L-11				2×20.4V	2×18V	2×42	2×76
S1.5L-11B				2×23.8V	2×21V	2×36	2×104
S1.5L-12				2×27.2V	2×24V	2×31	2×128
S1.5L-12B				2×30.6V	2×27V	2×28	2×170

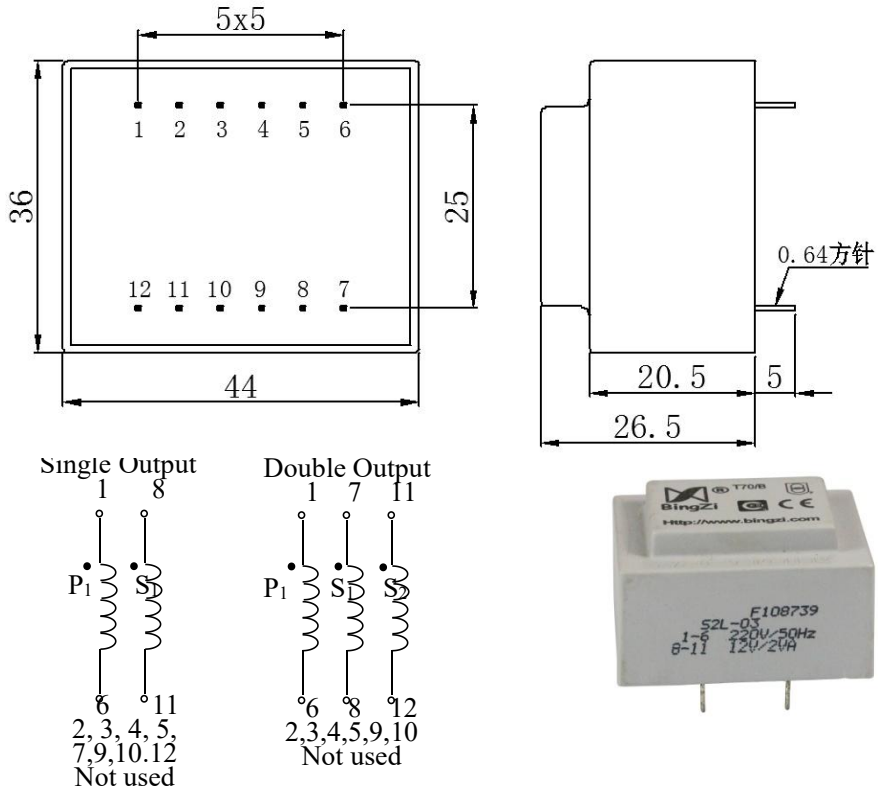
12. S2(2VA) （Tolerance±0.5mm）





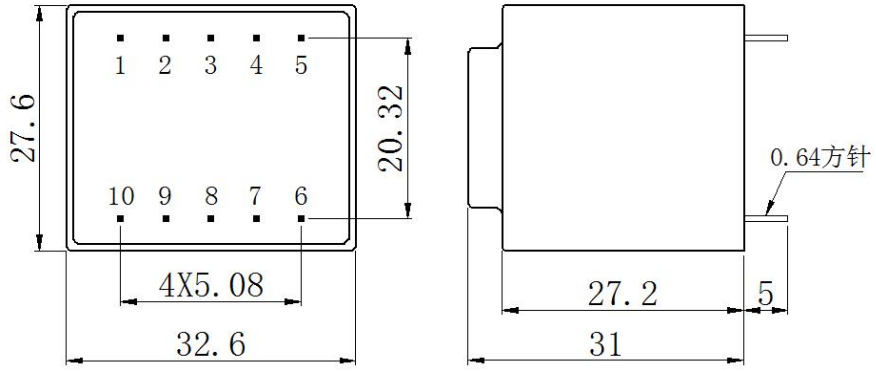
Model	Primary Voltage	Primary Current		Secondary Voltage		Secondary Current (mA)	Equivalent Internal Resistance (Ω)
		Idle	Full Load	Idle	Full Load		
S2-01	Rating220V Max.275V Frequency 50Hz	≤7.5mA	≤13.5mA	7V	6V	333	3.75
S2-01B				8.8V	7.5V	267	5.85
S2-02				10.5V	9V	222	8.4
S2-03				14V	12V	167	15
S2-04				17.5V	15V	133	23.5
S2-05				20.9V	18V	111	33.5
S2-05B				24.5V	21V	95	46
S2-06				27.8V	24V	83	60
S2-06B				31.5V	27V	74	76
S2-07	Rating220V Max.275V Frequency 50Hz	≤7.5mA	≤13.5mA	2×7V	2×6V	2×167	2×7.5
S2-07B				2×8.8V	2×7.5V	2×133	2×11.7
S2-08				2×10.5V	2×9V	2×111	2×16.8
S2-09				2×14V	2×12V	2×83	2×30
S2-10				2×17.5V	2×15V	2×66.7	2×47
S2-11				2×20.9V	2×18V	2×55.6	2×67
S2-11B				2×24.5V	2×21V	2×47.6	2×92
S2-12				2×27.8V	2×24V	2×41.7	2×120
S2-12B				2×31.5V	2×27V	2×37	2×152

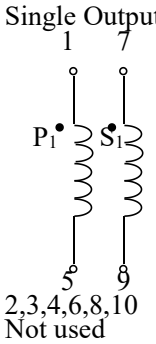
13. S2L(2VA) （Tolerance±0.5mm）

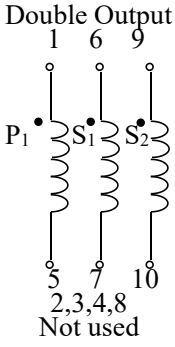


Model	Primary Voltage	Primary Current		Secondary Voltage		Secondary Current (mA)	Equivalent Internal Resistance (Ω)
		Idle	Full Load	Idle	Full Load		
S2L-01	Rating220V Max.275V Frequency 50Hz	≤8.5mA	≤14mA	7.2V	6V	333	4
S2L-01B				8.9V	7.5V	267	6.5
S2L-02				10.7V	9V	222	9
S2L-03				14.2V	12V	167	16
S2L-04				17.8V	15V	133	26
S2L-05				21.3V	18V	111	36
S2L-05B				25V	21V	95	50
S2L-06				28.5V	24V	83	64
S2L-06B				32V	27V	74	80
S2L-07	Rating220V Max.275V Frequency 50Hz	≤8.5mA	≤14mA	2×7.2V	2×6V	2×167	2×8
S2L-07B				2×8.9V	2×7.5V	2×133	2×13
S2L-08				2×10.7V	2×9V	2×111	2×18
S2L-09				2×14.2V	2×12V	2×83	2×32
S2L-10				2×17.8V	2×15V	2×67	2×53
S2L-11				2×21.3V	2×18V	2×56	2×70
S2L-11B				2×25V	2×21V	2×48	2×100
S2L-12				2×28.5V	2×24V	2×42	2×128
S2L-12B				2×32V	2×27V	2×37	2×160

14. S2S(2VA) （Tolerance±0.5mm）

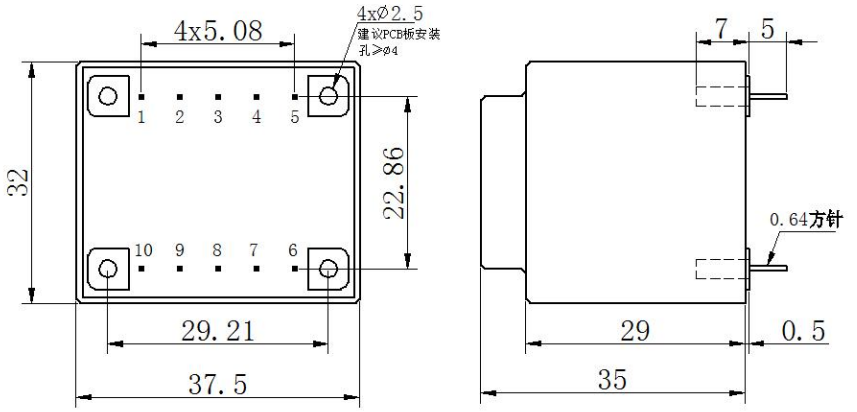


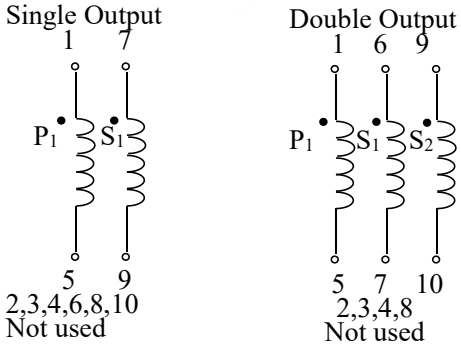




Model	Primary Voltage	Primary Current		Secondary Voltage		Secondary Current (mA)	Equivalent Internal Resistance (Ω)
		Idle	Full Load	Idle	Full Load		
S2S-01	Rating220V Max.275V Frequency 50Hz	≤12mA	≤20mA	7.5V	6V	333	4.4
S2S-01B				9.2V	7.5V	267	6.5
S2S-02				11V	9V	222	9.5
S2S-03				14.8V	12V	166	16.9
S2S-04				18.5V	15V	133	26.5
S2S-05				22.2V	18V	111	38.6
S2S-05B				25.9V	21V	95.0	51.7
S2S-06				29.3V	24V	83.3	66.6
S2S-06B				32.9V	27V	74.0	84.1
S2S-07	Rating220V Max.275V Frequency 50Hz	≤12mA	≤20mA	2×7.5V	2×6V	2×166	2×9
S2S-07B				2×9.3V	2×7.5V	2×133	2×14
S2S-08				2×11.0V	2×9V	2×111	2×20
S2S-09				2×14.6V	2×12V	2×83.3	2×34
S2S-10				2×18.5V	2×15V	2×66.6	2×54
S2S-11				2×22.2V	2×18V	2×55.5	2×80
S2S-11B				2×26.2V	2×21V	2×47.6	2×112
S2S-12				2×29.5V	2×24V	2×41.6	2×145
S2S-12B				2×33.4V	2×27V	2×37.0	2×182

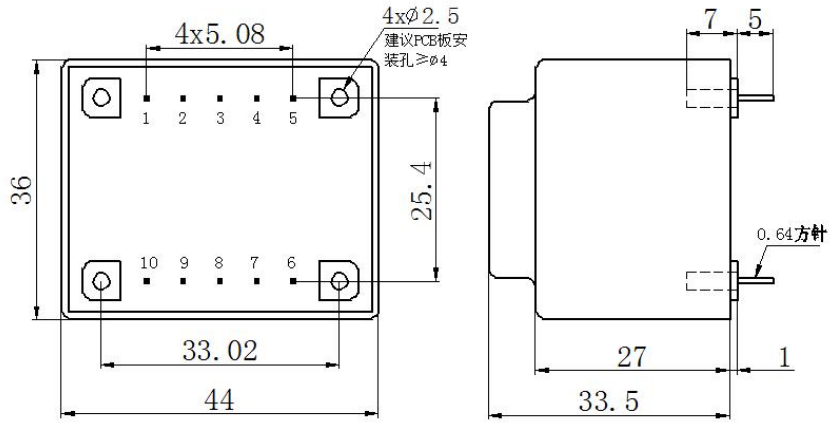
15. S3(3VA) （Tolerance±0.5mm）

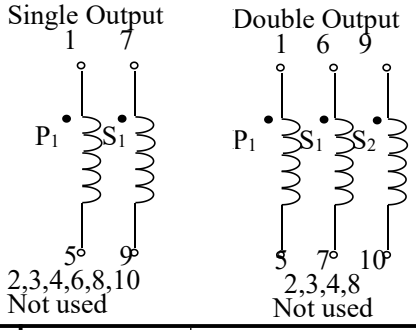




Model	Primary Voltage	Primary Current		Secondary Voltage		Secondary Current (mA)	Equivalent Internal Resistance (Ω)
		Idle	Full Load	Idle	Full Load		
S3-01	Rating220V Max.275V Frequency 50Hz	≤8mA	≤18.2mA	7V	6V	500	2.6
S3-01B				8.8V	7.5V	400	4
S3-02				10.6V	9V	333	6
S3-03				14V	12V	250	10
S3-04				17.6V	15V	200	16.5
S3-05				21V	18V	167	24
S3-05B				24.6V	21V	143	32.5
S3-06				28V	24V	125	42.5
S3-06B				31.8V	27V	111	54
S3-07	Rating220V Max.275V Frequency 50Hz	≤8mA	≤18.2mA	2×7V	2×6V	2×250	2×5.2
S3-07B				2×8.8V	2×7.5V	2×200	2×8
S3-08				2×10.6V	2×9V	2×167	2×12
S3-09				2×14V	2×12V	2×125	2×20
S3-10				2×17.6V	2×15V	2×100	2×33
S3-11				2×21V	2×18V	2×83	2×48
S3-11B				2×24.6V	2×21V	2×71	2×65
S3-12				2×28V	2×24V	2×62.5	2×85
S3-12B				2×31.8V	2×27V	2×55.6	2×108

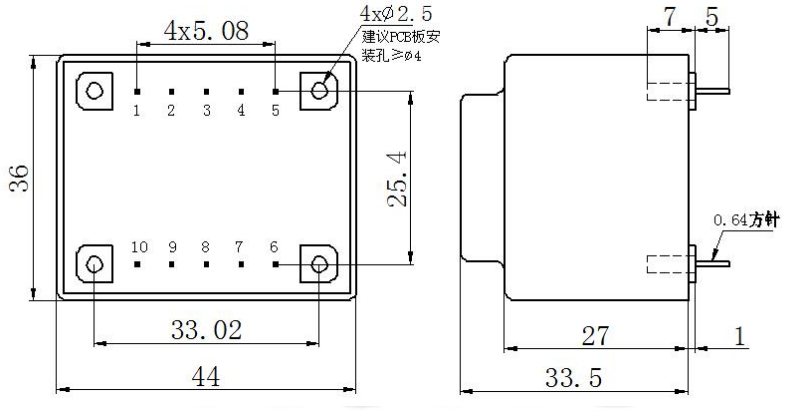
16. S4(4VA) （Tolerance±0.5mm）

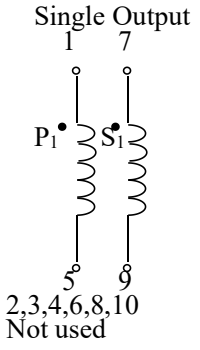


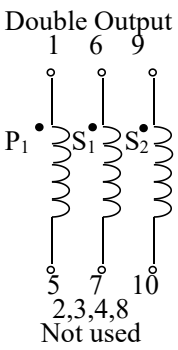


Model	Primary Voltage	Primary Current		Secondary Voltage		Secondary Current (mA)	Equivalent Internal Resistance (Ω)
		Idle	Full Load	Idle	Full Load		
S4-01	Rating220V Max.275V Frequency 50Hz	≤16mA	≤26mA	6.9V	6V	667	1.75
S4-01B				8.6V	7.5V	533	2.7
S4-02				10.3V	9V	444	3.9
S4-03				13.8V	12V	333	7
S4-04				17.2V	15V	267	10.5
S4-05				20.6V	18V	222	15.6
S4-05B				24V	21V	190	21.5
S4-06				27.5V	24V	167	28
S4-06B				31V	27V	148	35
S4-07	Rating220V Max.275V Frequency 50Hz	≤16mA	≤26mA	2×6.9V	2×6V	2×333	2×3.5
S4-07B				2×8.6V	2×7.5V	2×267	2×5.4
S4-08				2×10.3V	2×9V	2×222	2×7.8
S4-09				2×13.8V	2×12V	2×167	2×14
S4-10				2×17.2V	2×15V	2×133	2×21
S4-11				2×20.6V	2×18V	2×111	2×31.5
S4-11B				2×24V	2×21V	2×95	2×43
S4-12				2×27.5V	2×24V	2×83	2×56
S4-12B				2×31V	2×27V	2×74	2×70

17. S5(5VA) （Tolerance±0.5mm）

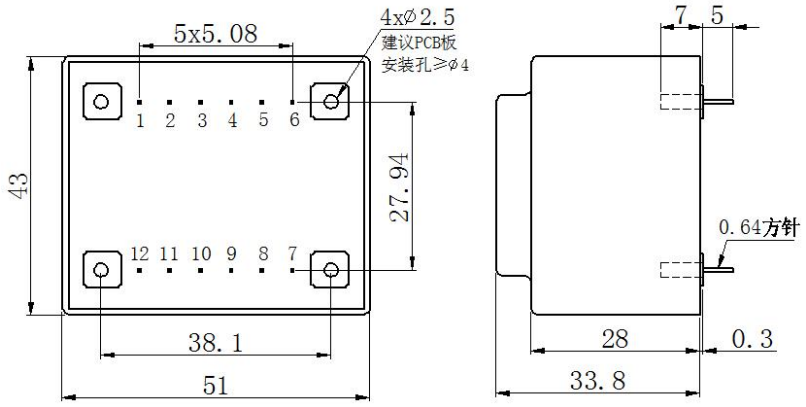




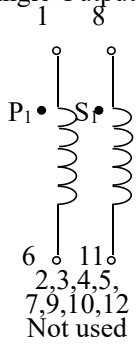


Model	Primary Voltage	Primary Current		Secondary Voltage		Secondary Current (mA)	Equivalent Internal Resistance (Ω)
		Idle	Full Load	Idle	Full Load		
S5-01	Rating220V Max.275V Frequency 50Hz	≤18mA	≤30mA	7V	6V	833	1.5
S5-01B				8.8V	7.5V	667	2.3
S5-02				10.5V	9V	556	3.3
S5-03				14V	12V	417	6
S5-04				17.5V	15V	333	9
S5-05				20.9V	18V	278	13.5
S5-05B				24.3V	21V	238	18.4
S5-06				27.8V	24V	208	24
S5-06B				31.3V	27V	185	30
S5-07	Rating220V Max.275V Frequency 50Hz	≤18mA	≤30mA	2×7V	2×6V	2×417	2×3
S5-07B				2×8.8V	2×7.5V	2×333	2×4.6
S5-08				2×10.5V	2×9V	2×278	2×6.6
S5-09				2×14V	2×12V	2×208	2×12
S5-10				2×17.5V	2×15V	2×167	2×18
S5-11				2×20.9V	2×18V	2×139	2×27
S5-11B				2×24.3V	2×21V	2×119	2×36.8
S5-12				2×27.8V	2×24V	2×104	2×48
S5-12B				2×31.3V	2×27V	2×92	2×60

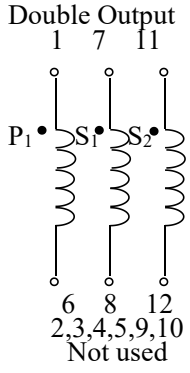
18. S8(8VA) （Tolerance±0.5mm）



Single Output

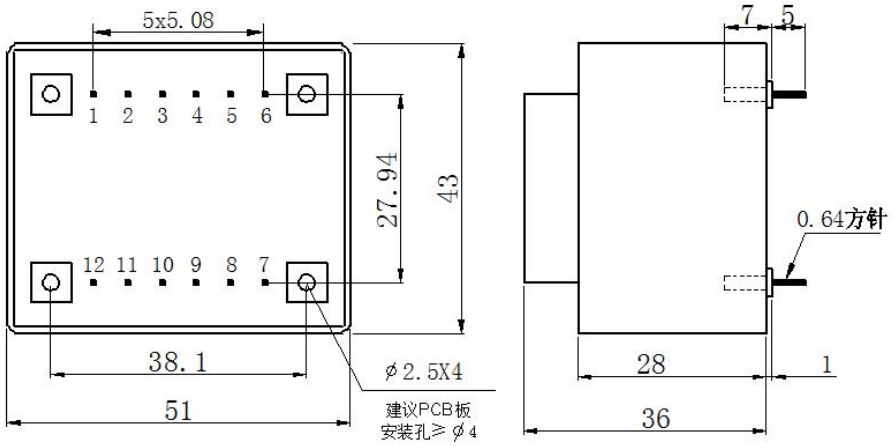


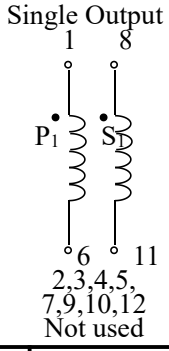
Double Output

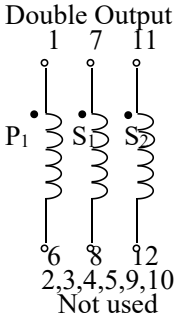


Model	Primary Voltage	Primary Current		Secondary Voltage		Secondary Current (mA)	Equivalent Internal Resistance (Ω)
		Idle	Full Load	Idle	Full Load		
S8-01	Rating220V Max.275V Frequency 50Hz	≤20mA	≤55mA	7.4V	6V	1333	1.2
S8-01B				9.6V	7.5V	1066	2
S8-02				11.6V	9V	888	3
S8-03				15.7V	12V	666	5.4
S8-04				19.2V	15V	533	8
S8-05				23.1V	18V	444	11.6
S8-05B				27.2V	21V	380	16.4
S8-06				31.1V	24V	333	21.7
S8-06B				34.5V	27V	296	26.8
S8-07	Rating220V Max.275V Frequency 50Hz	≤20mA	≤55mA	2×7.7V	2×6V	2×666	2×2.6
S8-07B				2×9.7V	2×7.5V	2×533	2×3.9
S8-08				2×11.6V	2×9V	2×444	2×5.8
S8-09				2×15.5V	2×12V	2×333	2×10.3
S8-10				2×19.5V	2×15V	2×266	2×16.6
S8-11				2×23.3V	2×18V	2×222	2×23.7
S8-11B				2×26.9V	2×21V	2×190	2×30.3
S8-12				2×30.8V	2×24V	2×166	2×39.7
S8-12B				2×34.5V	2×27V	2×148	2×51.4

19. S10(10VA) （Tolerance±0.5mm）

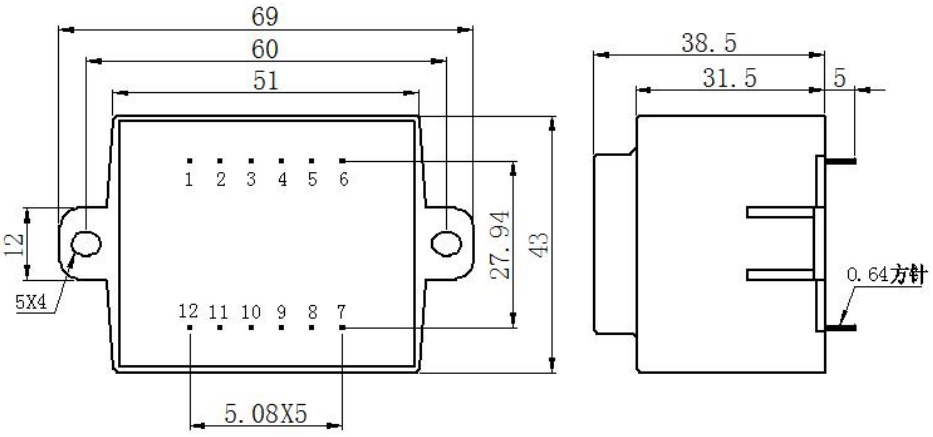




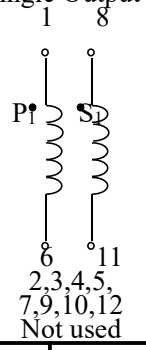


Model	Primary Voltage	Primary Current		Secondary Voltage		Secondary Current (mA)	Equivalent Internal Resistance (Ω)
		Idle	Full Load	Idle	Full Load		
S10-01	Rating220V Max.275V Frequency 50Hz	≤20mA	≤60mA	7.1V	6V	1667	0.85
S10-01B				8.9V	7.5V	1333	1.3
S10-02				10.7V	9V	1111	1.9
S10-03				14.3V	12V	833	3.0
S10-04				17.8V	15V	667	5
S10-05				21.5V	18V	556	7.5
S10-05B				25V	21V	476	10
S10-06				28.5V	24V	417	13
S10-06B				32V	27V	370	17
S10-07	Rating220V Max.275V Frequency 50Hz	≤20mA	≤60mA	2×7.1V	2×6V	2×833	2×1.7
S10-07B				2×8.9V	2×7.5V	2×667	2×2.6
S10-08				2×10.7V	2×9V	2×556	2×3.8
S10-09				2×14.3V	2×12V	2×417	2×6
S10-10				2×17.8V	2×15V	2×333	2×10
S10-11				2×21.5V	2×18V	2×278	2×15
S10-11B				2×25V	2×21V	2×238	2×20
S10-12				2×28.5V	2×24V	2×208	2×26
S10-12B				2×32V	2×27V	2×185	2×34

20. S10D(10VA) （Tolerance±0.5mm）

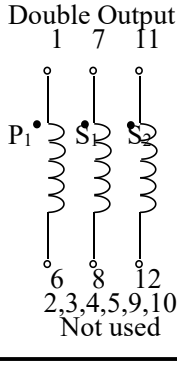


Single Output



2,3,4,5,
7,9,10,12
Not used

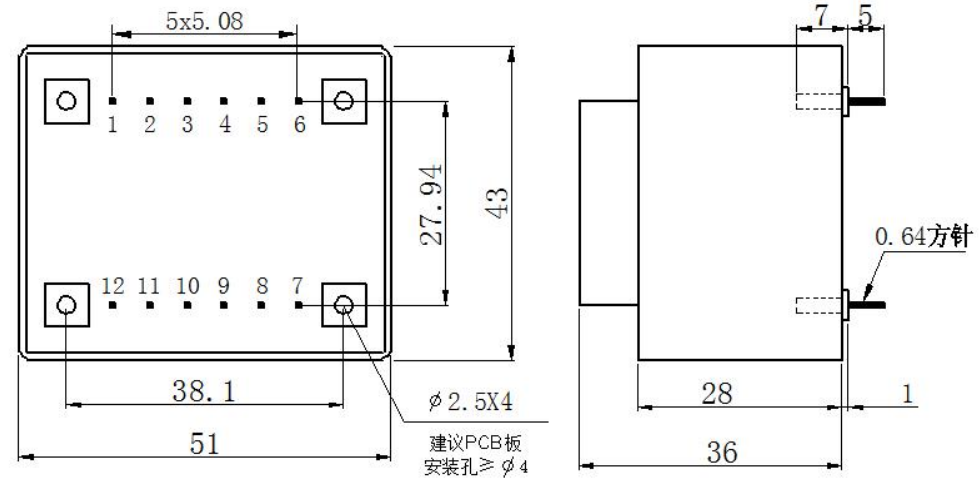
Double Output

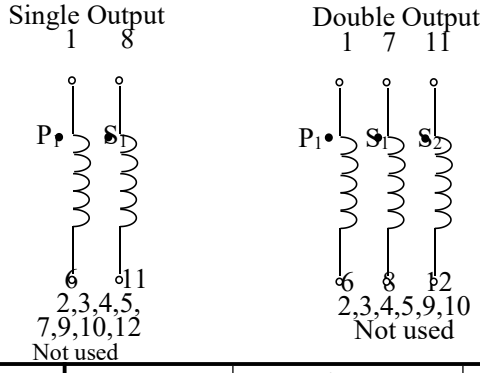


2,3,4,5,9,10
Not used

Model	Primary Voltage	Primary Current		Secondary Voltage		Secondary Current (mA)	Equivalent Internal Resistance (Ω)
		Idle	Full Load	Idle	Full Load		
S10D-01	Rating220V Max.275V Frequency 50Hz	≤20mA	≤60mA	7.1V	6V	1667	0.85
S10D-01B				8.9V	7.5V	1333	1.3
S10D-02				10.7V	9V	1111	1.9
S10D-03				14.3V	12V	833	3.0
S10D-04				17.8V	15V	667	5
S10D-05				21.5V	18V	556	7.5
S10D-05B				25V	21V	476	10
S10D-06				28.5V	24V	417	13
S10D-06B				32V	27V	370	17
S10D-07	Rating220V Max.275V Frequency 50Hz	≤20mA	≤60mA	2×7.1V	2×6V	2×833	2×1.7
S10D-07B				2×8.9V	2×7.5V	2×667	2×2.6
S10D-08				2×10.7V	2×9V	2×556	2×3.8
S10D-09				2×14.3V	2×12V	2×417	2×6
S10D-10				2×17.8V	2×15V	2×333	2×10
S10D-11				2×21.5V	2×18V	2×278	2×15
S10D-11B				2×25V	2×21V	2×238	2×20
S10D-12				2×28.5V	2×24V	2×208	2×26
S10D-12B				2×32V	2×27V	2×185	2×34

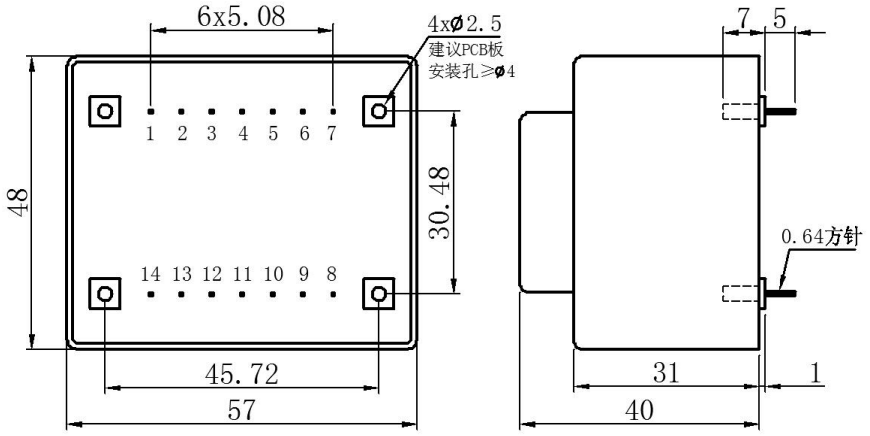
21. S12(12VA) （Tolerance±0.5mm）

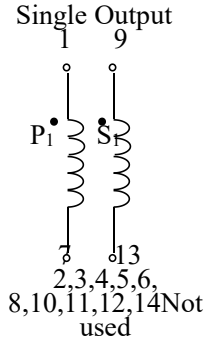


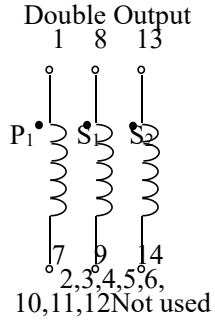


Model	Primary Voltage	Primary Current		Secondary Voltage		Secondary Current (mA)	Equivalent Internal Resistance (Ω)
		Idle	Full Load	Idle	Full Load		
S12-01	Rating220V Max.275V Frequency 50Hz	≤20mA	≤68mA	7.1V	6V	2000	0.7
S12-01B				8.9V	7.5V	1600	1
S12-02				10.7V	9V	1333	1.6
S12-03				14.3V	12V	1000	2.8
S12-04				17.8V	15V	800	4.4
S12-05				21.5V	18V	667	6.4
S12-05B				25V	21V	570	8.7
S12-06				28.5V	24V	500	11.4
S12-06B				32V	27V	444	14
S12-07	Rating220V Max.275V Frequency 50Hz	≤20mA	≤68mA	2×7.1V	2×6V	2×1000	2×1.4
S12-07B				2×8.9V	2×7.5V	2×800	2×2
S12-08				2×10.7V	2×9V	2×667	2×3.2
S12-09				2×14.3V	2×12V	2×500	2×5.6
S12-10				2×17.8V	2×15V	2×400	2×8.8
S12-11				2×21.5V	2×18V	2×333	2×12.8
S12-11B				2×25V	2×21V	2×285	2×17.4
S12-12				2×28.5V	2×24V	2×250	2×22.8
S12-12B				2×32V	2×27V	2×222	2×28

22. S15(15VA) （Tolerance±0.5mm）

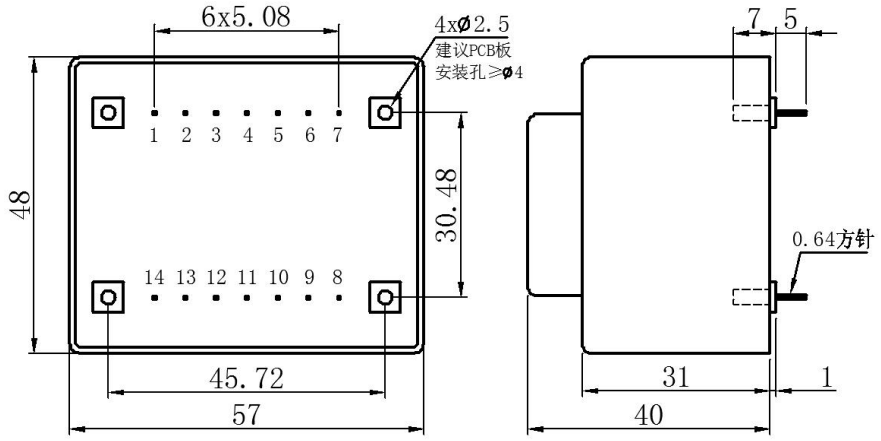


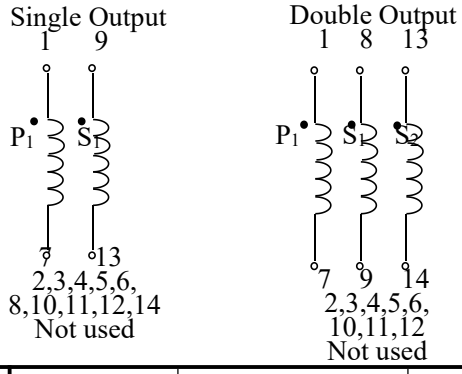




Model	Primary Voltage	Primary Current		Secondary Voltage		Secondary Current (mA)	Equivalent Internal Resistance (Ω)
		Idle	Full Load	Idle	Full Load		
S15-01	Rating220V Max.275V Frequency 50Hz	≤28mA	≤85mA	6.8V	6V	2500	0.38
S15-01B				8.5V	7.5V	2000	0.6
S15-02				10V	9V	1667	0.85
S15-03				13.5V	12V	1250	1.5
S15-04				16.8V	15V	1000	2.4
S15-05				20V	18V	833	3.4
S15-05B				23.5V	21V	714	4.5
S15-06				26.8V	24V	625	6
S15-06B				30V	27V	556	7.5
S15-07	Rating220V Max.275V Frequency 50Hz	≤28mA	≤85mA	2×6.8V	2×6V	2×1250	2×0.76
S15-07B				2×8.5V	2×7.5V	2×1000	2×1.2
S15-08				2×10V	2×9V	2×833	2×1.7
S15-09				2×13.5V	2×12V	2×625	2×3
S15-10				2×16.8V	2×15V	2×500	2×4.8
S15-11				2×20V	2×18V	2×417	2×6.8
S15-11B				2×23.5V	2×21V	2×357	2×9
S15-12				2×26.8V	2×24V	2×312	2×12
S15-12B				2×30V	2×27V	2×278	2×15

23. S18(18VA) （Tolerance±0.5mm）





Model	Primary Voltage	Primary Current		Secondary Voltage		Secondary Current (mA)	Equivalent Internal Resistance (Ω)
		Idle	Full Load	Idle	Full Load		
S18-01	Rating220V Max.275V Frequency 50Hz	≤28mA	≤95mA	6.8V	6V	3000	0.3
S18-01B				8.4V	7.5V	2400	0.45
S18-02				10V	9V	2000	0.65
S18-03				13.4V	12V	1500	1.2
S18-04				16.6V	15V	1200	1.8
S18-05				20V	18V	1000	2.6
S18-05B				23.3V	21V	857	3.6
S18-06				26.5V	24V	750	4.8
S18-06B				30V	27V	667	6
S18-07	Rating220V Max.275V Frequency 50Hz	≤28mA	≤95mA	2×6.8V	2×6V	2×1500	2×0.6
S18-07B				2×8.4V	2×7.5V	2×1200	2×0.9
S18-08				2×10V	2×9V	2×1000	2×1.3
S18-09				2×13.6V	2×12V	2×750	2×2.4
S18-10				2×16.3V	2×15V	2×600	2×3.6
S18-11				2×20V	2×18V	2×500	2×5.2
S18-11B				2×23.3V	2×21V	2×428	2×7.2
S18-12				2×26.5V	2×24V	2×375	2×9.6
S18-12B				2×30V	2×27V	2×333	2×12