

“Blue Fairy” T Series PCB Mounting Power Transformers

LI019V1/2008-EN

1. Features

- ① A 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 a higher power density with a smaller size.;
- ④ It is economical and affordable, with a competitive price.

2. Ambient Conditions

- ① Ambient temperature: $-10^{\circ}\text{C}\sim+40^{\circ}\text{C}$;
- ② Relative humidity: $\leq 90\%$ at 40°C ;
- ③ Atmospheric pressure: $860\sim 1060\text{mbar}$
($650\sim 800\text{mmHg}$ approximately).

3. Insulation Rating: Class B (130°C).

4. Safety Features:

- ① Dielectric resistance: $>1000\text{M}\Omega$ in normal condition;
- ② Insulation withstand voltages: Better than GB/T15290 standard requirements.
- ③ Fire retardancy: In conformity with UL94-Vo;
- ④ Insulation impact strength: Continuously 10 times impact of 6KV (50HZ)/ $50\mu\text{S}$;

5. Safety Approval:

6. Rated Power:

0.5VA, 0.6VA, 1VA, 1.3VA, 1.5VA, 2VA, 3VA, 3.5VA, 4VA, 5VA, 6VA, 8VA, 9VA, 10VA, 12VA, 15VA, 18VA, 20VA

7. Rating:

- ① Standard series:

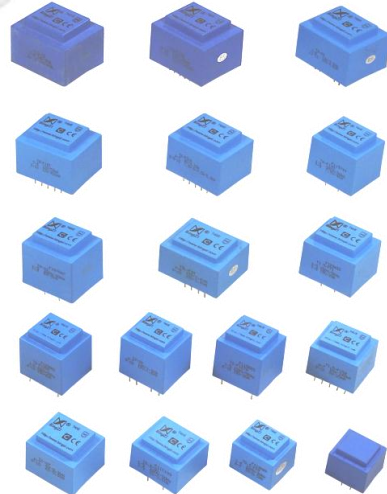
Primary: $220\text{V}\pm 10\%$ $50\text{Hz}/60\text{Hz}$

Secondary:

Single output: 6V, 7.5V, 9V, 12V, 15V, 18V, 21V, 24V, 27V;

Double output: $2\times 6\text{V}$, $2\times 7.5\text{V}$, $2\times 9\text{V}$, $2\times 12\text{V}$, $2\times 15\text{V}$, $2\times 18\text{V}$, $2\times 21\text{V}$, $2\times 24\text{V}$, $2\times 27\text{V}$

- ② Non-standard series: It can be customized based on customer's requirements.



8. Universal Technical Parameters of T Series Standard Product:

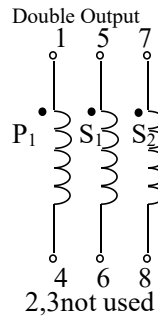
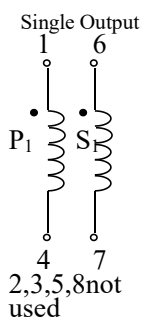
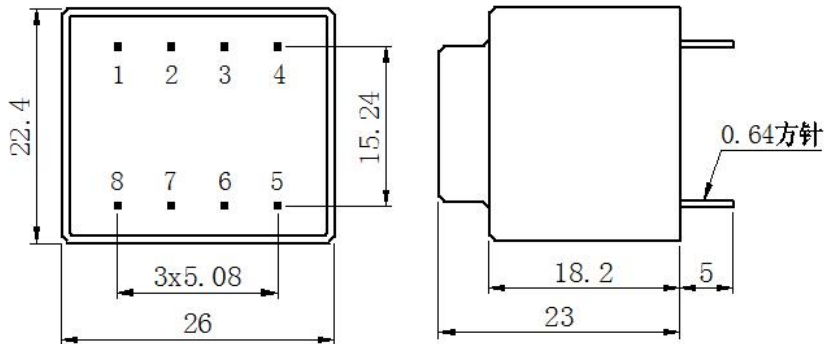
SN	Model	Power	Idle Current	Idle Loss	Voltage Regulation Ratio	Temperature Rise	Weight (g)	Dimension L×W×H(mm) ³
1	T0.5	0.5VA	≤6mA	≤0.25W	≤40%	≤15°C	40	26×22.5×23
2	T0.5A	0.5VA	≤10mA	≤0.5W	≤40%	≤17°C	36	22×23×19
3	T0.5S	0.5VA	≤16mA	≤1.6W	≤35%	≤40°C	33	23×22×19
4	T0.6	0.6VA	≤3.5mA	≤0.16W	≤39%	≤15°C	60	30.5×27.5×20.5
5	T0.6A	0.6VA	≤8mA	≤0.5W	≤40%	≤17°C	45	22×23×22
6	T1	1VA	≤7mA	≤0.29W	≤20%	≤18°C	75	30.5×27.5×25
7	T1.3L	1.3VA	≤9mA	≤0.5W	≤18%	≤18°C	110	43×35×22
8	T1.5	1.5VA	≤8.5mA	≤0.35W	≤23%	≤18°C	80	30.5×27.5×25
9	T2	2VA	≤10mA	≤0.4W	≤21%	≤18°C	100	30.5×27.5×31.25
10	T2A	2VA	≤12mA	≤0.4W	≤30%	≤18°C	103	30.5×28×32
11	T3	3VA	≤17mA	≤0.4W	≤22%	≤18°C	105	30.5×27.5×31.25
12	T3L	3VA	≤15.5mA	≤0.5W	≤22%	≤18°C	125	43×35×24.5
13	T3LD	3VA	≤15.5mA	≤0.5W	≤22%	≤18°C	125	43×35×24.5
14	T3H	3VA	≤12mA	≤0.45W	≤25%	≤25°C	140	33×28×34.2
15	T3S	3VA	≤15mA	≤0.35W	≤38%	≤33°C	105	30.5×27.5×31.25
16	T3.5	3.5VA	≤17mA	≤0.5W	≤21%	≤18°C	125	37.5×32×31
17	T3.5L	3.5VA	≤18mA	≤0.5W	≤20%	≤18°C	135	44×36×26.5
18	T3.5LD	3.5VA	≤18mA	≤0.5W	≤20%	≤18°C	135	44×36×26.5
19	T4	4VA	≤18mA	≤0.6W	≤18%	≤20°C	155	37.5×32×35
20	T4L	4VA	≤18mA	≤0.5W	≤18%	≤20°C	135	44×36×26.5
21	T5	5VA	≤20mA	≤0.4W	≤15%	≤20°C	160	37.5×32×35
22	T5L	5VA	≤18mA	≤0.4W	≤23%	≤25°C	170	44×33×29.5
23	T5H	5VA	≤18mA	≤0.4W	≤25%	≤25°C	170	37.5×32.2×35
24	T6	6VA	≤24mA	≤0.8W	≤16%	≤22°C	195	45×37×33
25	T8	8VA	≤28mA	≤0.6W	≤16%	≤22°C	195	45×37×33
26	T8H	8VA	≤25mA	≤1.0W	≤16%	≤22°C	260	44×36×40
27	T9	9VA	≤18mA	≤0.9W	≤21%	≤22°C	275	51×43×33.8
28	T10	10VA	≤28mA	≤1.0W	≤13%	≤22°C	300	51×43×36
29	T10D	10VA	≤28mA	≤1.0W	≤13%	≤22°C	300	69×43×38.5
30	T12	12VA	≤28mA	≤1.0W	≤15%	≤24°C	300	51×43×36
31	T15	15VA	≤35mA	≤0.7W	≤15%	≤24°C	300	51×43×36
32	T15H	15VA	≤25mA	≤0.9W	≤17%	≤37°C	420	51×43×43.5
33	T18	18VA	≤40mA	≤1.2W	≤12%	≤26°C	415	58.5×49×40
34	T20	20VA	≤45mA	≤0.9W	≤9%	≤26°C	415	58.5×49×40
35	T20H	20VA	≤40mA	≤1.7W	≤15%	≤30°C	520	58.5×48×44.5
36	T40D	40VA	≤45mA	≤2W	≤10%	≤30°C	750	81×53×53

9. Attention:

Since this transformer product has many leadouts and the leadouts are relatively hard, in order to facilitate plug-in, it is suggested that when designing the PCB, leave some tolerance 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).

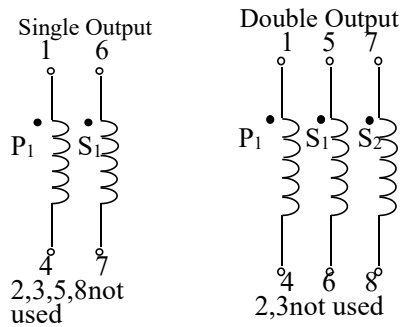
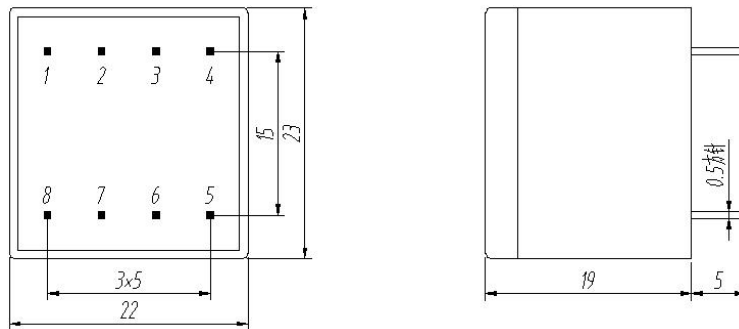
10. Outline, Installation Dimension and Detailed Technical Parameters of T Series Standard Product

1. T0.5(0.5VA) (Tolerance $\pm 0.5\text{mm}$)



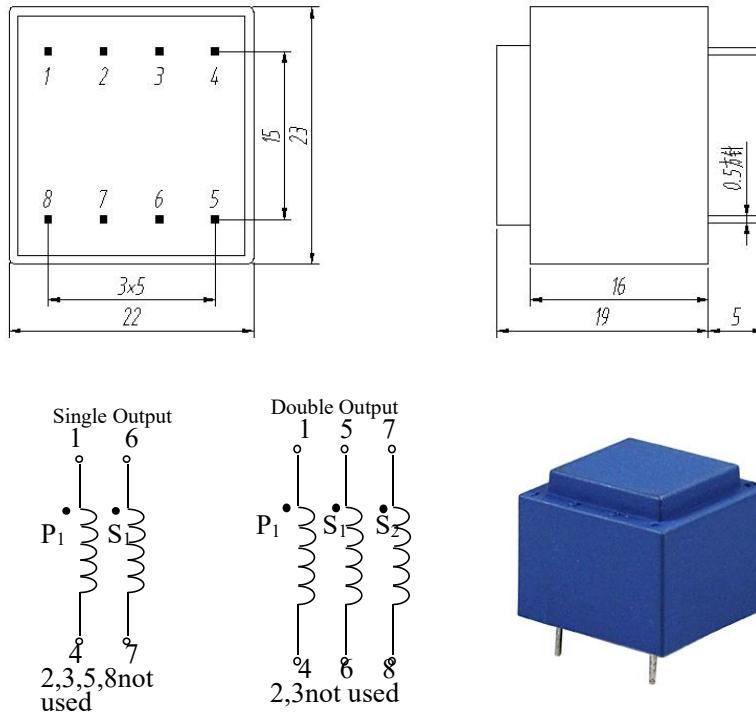
Model	Primary Voltage	Primary Current		Secondary Voltage		Secondary Current (mA)	Equivalent Internal Resistance (Ω)
		Idle	Full Load	Idle	Full Load		
T0.5-01	Rating 220V Max. 242V Frequency 50Hz	$\leq 6\text{mA}$	$\leq 6\text{mA}$	9.8V	6V	83	49.7
T0.5-01B				12.3V	7.5V	67	77
T0.5-02				14.7V	9V	56	110.6
T0.5-03				19.7V	12V	42	196.6
T0.5-04				24.6V	15V	33	312.7
T0.5-05				29.5V	18V	28	442.2
T0.5-05B				34.4V	21V	24	602
T0.5-06				39.3V	24V	21	786
T0.5-06B				44.2V	27V	18.5	1004
T0.5-07				Rating 220V Max. 242V Frequency 50Hz	$\leq 6\text{mA}$	$\leq 6\text{mA}$	2 \times 9.8V
T0.5-07B	2 \times 12.3V	2 \times 7.5	2 \times 33				2 \times 156
T0.5-08	2 \times 14.7V	2 \times 9V	2 \times 28				2 \times 221
T0.5-09	2 \times 19.7V	2 \times 12	2 \times 21				2 \times 393
T0.5-10	2 \times 24.6V	2 \times 15	2 \times 17				2 \times 607
T0.5-11	2 \times 29.5V	2 \times 18	2 \times 14				2 \times 884.5
T0.5-11B	2 \times 34.4V	2 \times 21	2 \times 12				2 \times 1204
T0.5-12	2 \times 39.3V	2 \times 24	2 \times 10				2 \times 1651
T0.5-12B	2 \times 44.2V	2 \times 27	2 \times 9				2 \times 2064

2. T0.5A(0.5VA) (Tolerance $\pm 0.5\text{mm}$)



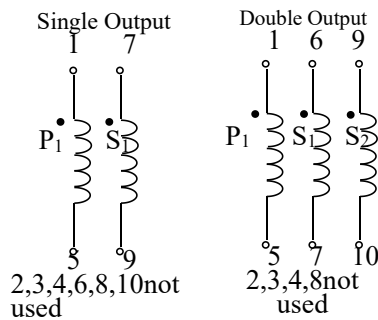
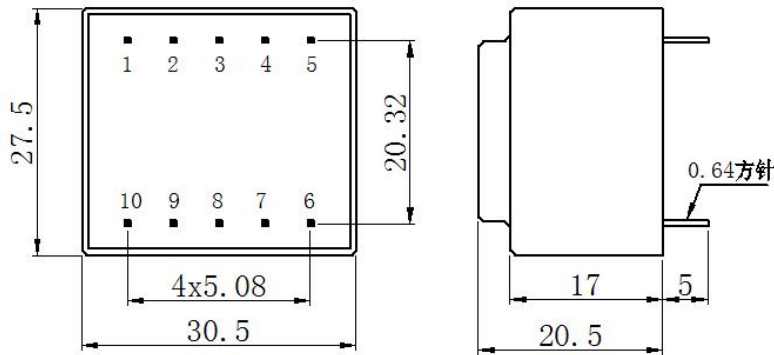
Model	Primary Voltage	Primary Current		Secondary Voltage		Secondary Current (mA)	Equivalent Internal Resistance (Ω)			
		Idle	Full Load	Idle	Full Load					
T0.5A-01	Rating 220V Max. 242V Frequency 50Hz	$\leq 10\text{mA}$	$\leq 6\text{mA}$	10.5V	6V	83	49.7			
T0.5A-01B				11.5V	7.5V	67	77			
T0.5A-02				13.8V	9V	56	110.6			
T0.5A-03				18V	12V	42	196.6			
T0.5A-04				24.1V	15V	33	312.7			
T0.5A-05				28.1V	18V	28	442.2			
T0.5A-05B				34.5V	21V	24	602			
T0.5A-06				38.1V	24V	21	786			
T0.5A-06B				43.3V	27V	18.5	1004			
T0.5A-07				Rating 220V Max. 242V Frequency 50Hz	$\leq 10\text{mA}$	$\leq 6\text{mA}$	2×9.5V	2×6V	2×42	2×98
T0.5A-07B							2×11.5V	2×7.5V	2×33	2×156
T0.5A-08							2×13.8V	2×9V	2×28	2×221
T0.5A-09	2×18V	2×12V	2×21				2×393			
T0.5A-10	2×24.1V	2×15V	2×17				2×607			
T0.5A-11	2×28.1V	2×18V	2×14				2×884.5			
T0.5A-11B	2×34.5V	2×21V	2×12				2×1204			
T0.5A-12	2×38.1V	2×24V	2×10				2×1651			

3. T0.5S(0.5VA) (Tolerance $\pm 0.5\text{mm}$)



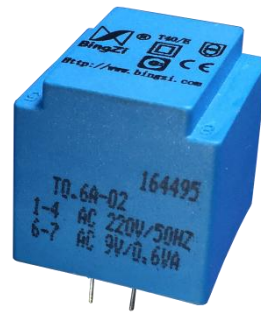
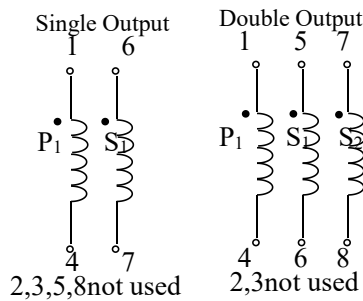
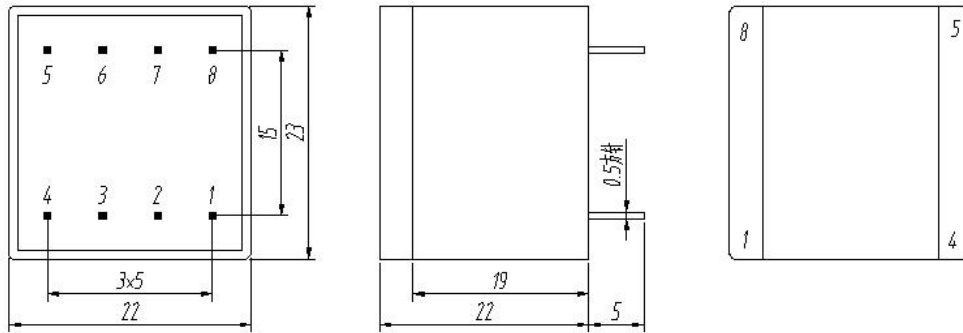
Model	Primary Voltage	Primary Current		Secondary Voltage		Secondary Current (mA)	Equivalent Internal Resistance (Ω)
		Idle	Full Load	Idle	Full Load		
T0.5S-01	Rating 220V Max. 242V Frequency 50Hz	≤ 16.0 mA	≤ 13.0 mA	8.4V	5.8V	83.3	31.2
T0.5S-01B				11.0V	7.5V	66.7	52.8
T0.5S-02				12.9V	9V	55.6	71.8
T0.5S-03				17.4V	12V	41.7	131.7
T0.5S-04				21.7V	15V	33.3	240.2
T0.5S-05				26.4V	18V	27.8	305.3
T0.5S-05B				30.7V	21V	23.8	408.4
T0.5S-06				34.9V	24V	20.8	532.7
T0.5S-06B				39.4V	27V	18.5	684.8
T0.5S-07	Rating 220V Max. 242V Frequency 50Hz	≤ 16.0 mA	≤ 13.0 mA	2 \times 8.8V	2 \times 6V	2 \times 41.7	2 \times 67.1
T0.5S-07B				2 \times 10.8V	2 \times 7.5V	2 \times 33.3	2 \times 97.0
T0.5S-08				2 \times 13.0V	2 \times 9V	2 \times 27.8	2 \times 145.7
T0.5S-09				2 \times 17.7V	2 \times 12V	2 \times 20.8	2 \times 276.9
T0.5S-10				2 \times 22.1V	2 \times 15V	2 \times 16.7	2 \times 425.1
T0.5S-11				2 \times 26.0V	2 \times 18V	2 \times 13.9	2 \times 575.5
T0.5S-11B				2 \times 30.3V	2 \times 21V	2 \times 11.9	2 \times 781.5
T0.5S-12				2 \times 35.3V	2 \times 24V	2 \times 10.4	2 \times 1095.2
T0.5S-12B				2 \times 39.4V	2 \times 27V	2 \times 9.3	2 \times 1290.3

4. T0.6(0.6VA) (Tolerance $\pm 0.5\text{mm}$)



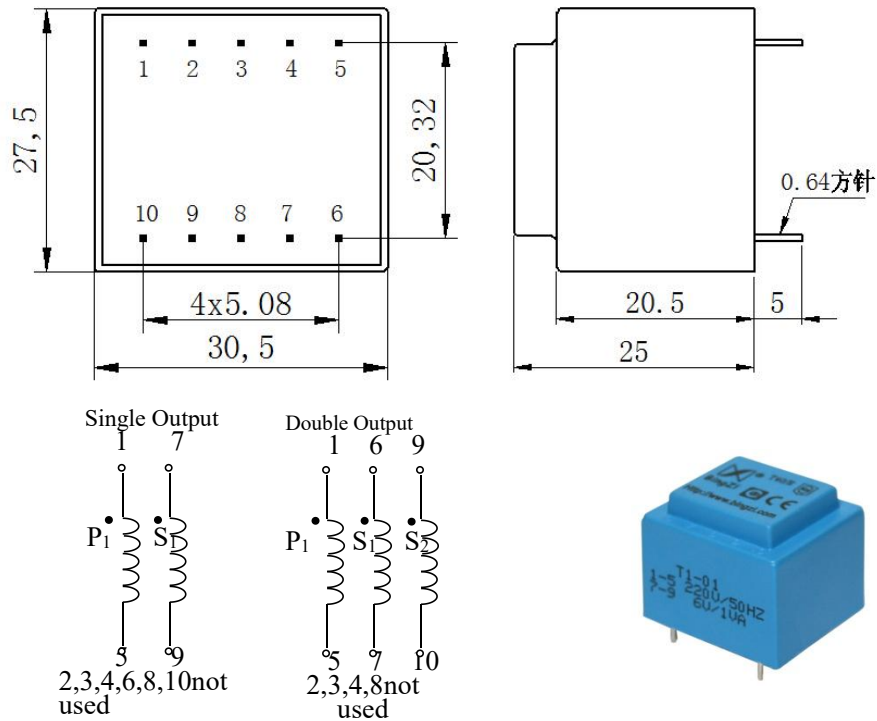
Model	Primary Voltage	Primary Current		Secondary Voltage		Secondary Current (mA)	Equivalent Internal Resistance (Ω)
		Idle	Full Load	Idle	Full Load		
T0.6-01	Rating 220V Max. 242V Frequency 50Hz	$\leq 3.5\text{mA}$	$\leq 5\text{mA}$	9.5V	6V	100	37
T0.6-01B				11.8V	7.5V	80	58
T0.6-02				14.2V	9V	67	82
T0.6-03				18.9V	12V	50	144
T0.6-04				23.7V	15V	40	235
T0.6-05				28.1V	18V	33	327
T0.6-05B				33.5V	21V	28.5	467
T0.6-06				37.9V	24V	25	594
T0.6-06B				42.5V	27V	22	749
T0.6-07				Rating 220V Max. 242V Frequency 50Hz	$\leq 3.5\text{mA}$	$\leq 5\text{mA}$	2 \times 9.4V
T0.6-07B	2 \times 12.2V	2 \times 7.5V	2 \times 40				2 \times 98
T0.6-08	2 \times 15V	2 \times 9V	2 \times 33				2 \times 188
T0.6-09	2 \times 19.2V	2 \times 12V	2 \times 25				2 \times 302
T0.6-10	2 \times 24.4V	2 \times 15V	2 \times 20				2 \times 490
T0.6-11	2 \times 30.1V	2 \times 18V	2 \times 16.6				2 \times 762
T0.6-11B	2 \times 36V	2 \times 21V	2 \times 14				2 \times 1109
T0.6-12	2 \times 40.8V	2 \times 24V	2 \times 12.5				2 \times 1402
T0.6-12B	2 \times 45.4V	2 \times 27V	2 \times 11				2 \times 1760

5. T0.6A(0.6VA) (Tolerance $\pm 0.5\text{mm}$)



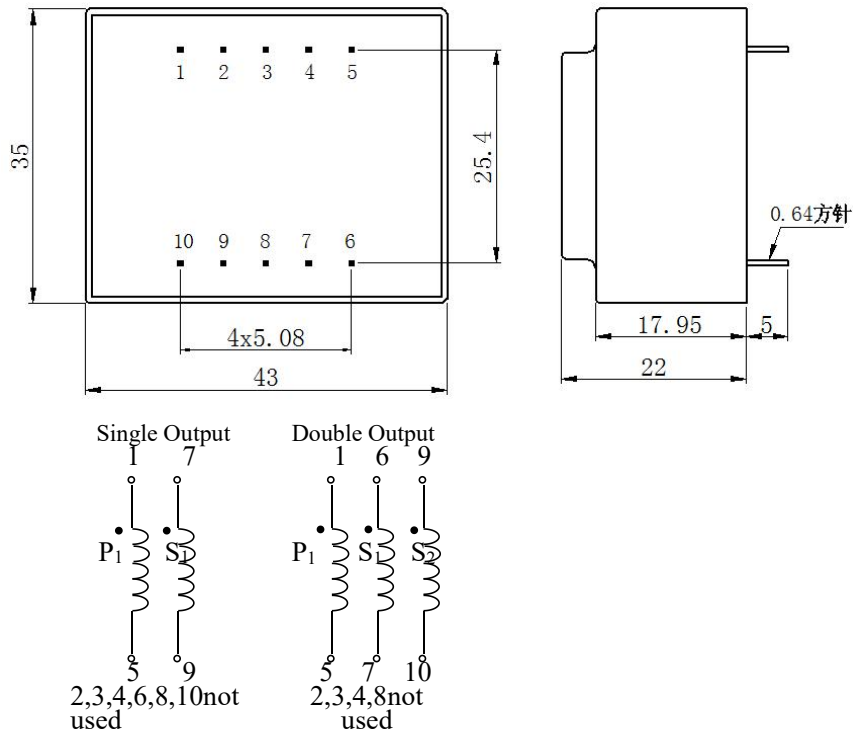
Model	Primary Voltage	Primary Current		Secondary Voltage		Secondary Current (mA)	Equivalent Internal Resistance (Ω)
		Idle	Full Load	Idle	Full Load		
T0.6A-01	Rating 220V Max. 242V Frequency 50Hz	$\leq 8\text{mA}$	$\leq 8\text{mA}$	9.2V	6V	100	37
T0.6A-01B				12V	7.5V	80	55
T0.6A-02				14.2V	9V	67	79
T0.6A-03				18.4V	12V	50	130
T0.6A-04				23V	15V	40	203
T0.6A-05				28.1V	18V	33	309
T0.6A-05B				32.9V	21V	29	418
T0.6A-06				37.5V	24V	25	544
T0.6A-06B				43.4V	27V	22	755
T0.6A-07	Rating 220V Max. 242V Frequency 50Hz	$\leq 8\text{mA}$	$\leq 8\text{mA}$	2×8.9V	2×6V	2×50	2×60
T0.6A-07B				2×11.2V	2×7.5V	2×40	2×93
T0.6A-08				2×13.7V	2×9V	2×33	2×141
T0.6A-09				2×18.2V	2×12V	2×25	2×245
T0.6A-10				2×22.5V	2×15V	2×20	2×379
T0.6A-11				2×28.0V	2×18V	2×17	2×589
T0.6A-11B				2×32.7V	2×21V	2×14	2×839
T0.6A-12				2×36.4V	2×24V	2×13	2×976
T0.6A-12B				2×41.7V	2×27V	2×11	2×1341

6. T1(1VA) (Tolerance $\pm 0.5\text{mm}$)



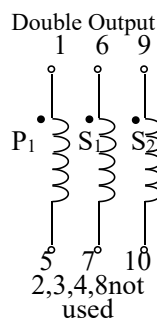
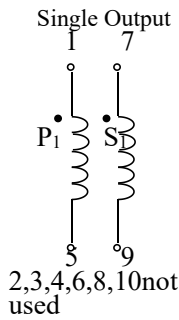
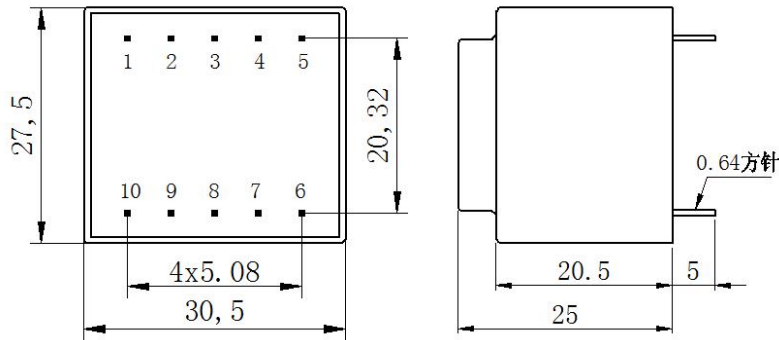
Model	Primary Voltage	Primary Current		Secondary Voltage		Secondary Current (mA)	Equivalent Internal Resistance (Ω)
		Idle	Full Load	Idle	Full Load		
T1-01	Rating 220V Max. 242V Frequency 50Hz	$\leq 7\text{mA}$	$\leq 7.7\text{mA}$	7.5V	6V	167	10.8
T1-01B				9.4V	7.5V	133	16.9
T1-02				11.3V	9V	111	24.3
T1-03				15V	12V	83	43.4
T1-04				18.8V	15V	67	67
T1-05				22.5V	18V	55.5	97.3
T1-05B				26.3V	21V	48	131.3
T1-06				30V	24V	42	171.4
T1-06B				33.8V	27V	37	219
T1-07				Rating 220V Max. 242V Frequency 50Hz	$\leq 7\text{mA}$	$\leq 7.7\text{mA}$	2×7.5V
T1-07B	2×9.4V	2×7.5V	2×67				2×33.6
T1-08	2×11.3V	2×9V	2×55.5				2×48.6
T1-09	2×15V	2×12V	2×42				2×85.7
T1-10	2×18.8V	2×15V	2×33				2×136.4
T1-11	2×22.5V	2×18V	2×28				2×193
T1-11B	2×26.3V	2×21V	2×24				2×262.5
T1-12	2×30V	2×24V	2×21				2×343
T1-12B	2×33.8V	2×27V	2×18.5	2×438			

7. T1.3L(1.3VA) (Tolerance $\pm 0.5\text{mm}$)



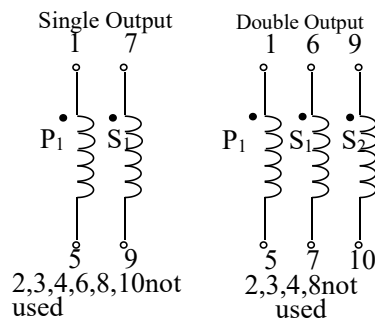
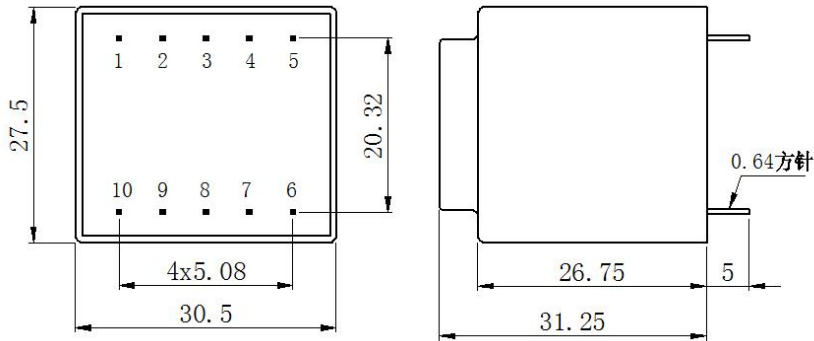
Model	Primary Voltage	Primary Current		Secondary Voltage		Secondary Current (mA)	Equivalent Internal Resistance (Ω)
		Idle	Full Load	Idle	Full Load		
T1.3L-01	Rating 220V Max. 242V Frequency 50Hz	$\leq 9\text{mA}$	$\leq 10\text{mA}$	7.3V	6V	216	6
T1.3L-01B				9.09V	7.5V	173	9
T1.3L-02				10.9V	9V	144	13
T1.3L-03				14.4V	12V	108	23
T1.3L-04				18.2V	15V	87	37
T1.3L-05				21.7V	18V	72	52
T1.3L-05B				25.4V	21V	61.9	73
T1.3L-06				29.1V	24V	54	95
T1.3L-06B				32.7V	27V	48	120
T1.3L-07	Rating 220V Max. 242V Frequency 50Hz	$\leq 9\text{mA}$	$\leq 10\text{mA}$	2×7.1V	2×6V	2×108	2×12
T1.3L-07B				2×9V	2×7.5V	2×87	2×18
T1.3L-08				2×10.8V	2×9V	2×72	2×27
T1.3L-09				2×14.3V	2×12V	2×54	2×46
T1.3L-10				2×18V	2×15V	2×43	2×75
T1.3L-11				2×21.5V	2×18V	2×36	2×105
T1.3L-11B				2×25.2V	2×21V	2×31	2×144
T1.3L-12				2×28.8V	2×24V	2×27	2×189
T1.3L-12B				2×32.6V	2×27V	2×24	2×253

8. T1.5(1.5VA) (Tolerance $\pm 0.5\text{mm}$)



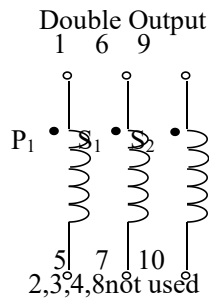
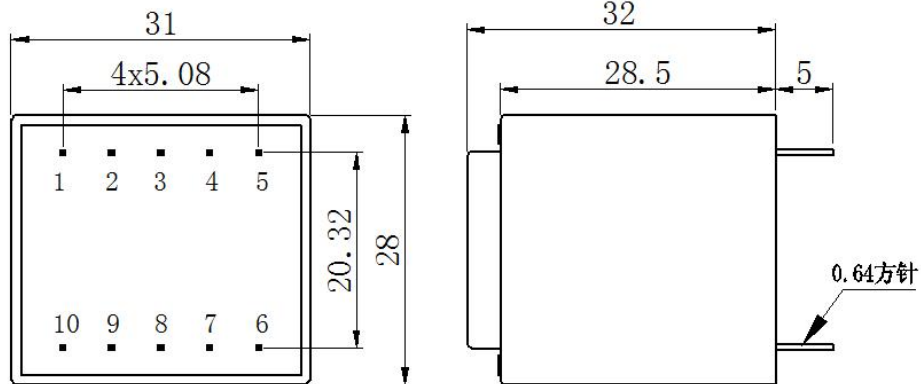
Model	Primary Voltage	Primary Current		Secondary Voltage		Secondary Current (mA)	Equivalent Internal Resistance (Ω)
		Idle	Full Load	Idle	Full Load		
T1.5-01	Rating 220V Max. 242V Frequency 50Hz	$\leq 8.5\text{mA}$	$\leq 11.5\text{mA}$	8V	6V	250	9.3
T1.5-01B				10V	7.5V	200	14.6
T1.5-02				12V	9V	167	21
T1.5-03				16.1V	12V	125	37.3
T1.5-04				20V	15V	100	58.2
T1.5-05				24V	18V	83	84.2
T1.5-05B				28V	21V	71	114.8
T1.5-06				32V	24V	62.5	149
T1.5-06B				36V	27V	55.5	188.8
T1.5-07				Rating 220V Max. 242V Frequency 50Hz	$\leq 8.5\text{mA}$	$\leq 11.5\text{mA}$	2×8V
T1.5-07B	2×10V	2×7.5V	2×100				2×29
T1.5-08	2×12V	2×9V	2×83				2×42
T1.5-09	2×16V	2×12V	2×62.5				2×74.5
T1.5-10	2×20V	2×15V	2×50				2×116.4
T1.5-11	2×24V	2×18V	2×42				2×166
T1.5-11B	2×28V	2×21V	2×36				2×226
T1.5-12	2×32V	2×24V	2×31				2×300
T1.5-12B	2×36V	2×27V	2×28				2×374

9.T2(2VA) (Tolerance $\pm 0.5\text{mm}$)



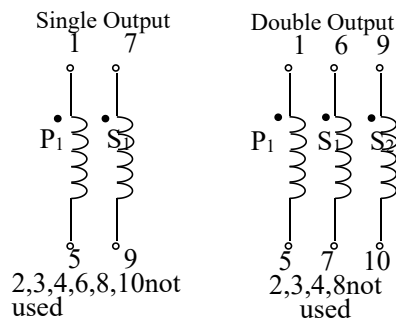
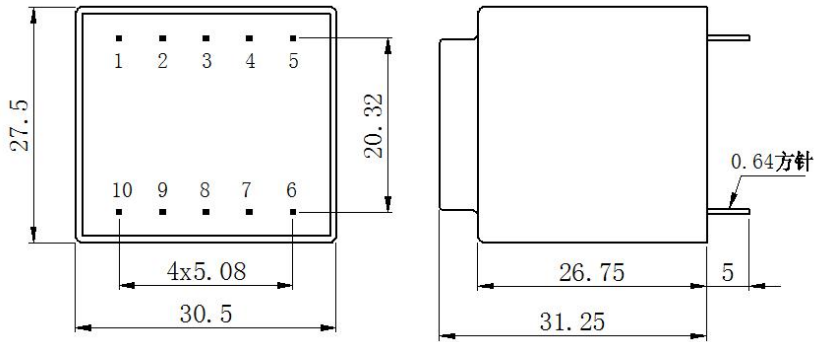
Model	Primary Voltage	Primary Current		Secondary Voltage		Secondary Current (mA)	Equivalent Internal Resistance (Ω)
		Idle	Full Load	Idle	Full Load		
T2-01	Rating 220V Max. 242V Frequency 50Hz	$\leq 10\text{mA}$	$\leq 14.5\text{mA}$	7.6V	6V	333	5.7
T2-01B				9.5V	7.5V	267	8.9
T2-02				11.4V	9V	222	12.8
T2-03				15.2V	12V	167	22.8
T2-04				19V	15V	133	35.7
T2-05				22.8V	18V	111	51.4
T2-05B				26.6V	21V	95	70
T2-06				30.4V	24V	83	91.6
T2-06B				34.2V	27V	74	115.5
T2-07	Rating 220V Max. 242V Frequency 50Hz	$\leq 10\text{mA}$	$\leq 14.5\text{mA}$	2 \times 7.6V	2 \times 6V	2 \times 167	2 \times 17.9
T2-07B				2 \times 9.5V	2 \times 7.5V	2 \times 133	2 \times 11.4
T2-08				2 \times 11.4V	2 \times 9V	2 \times 111	2 \times 25.7
T2-09				2 \times 15.2V	2 \times 12V	2 \times 83	2 \times 45.8
T2-10				2 \times 19V	2 \times 15V	2 \times 67	2 \times 71
T2-11				2 \times 22.8V	2 \times 18V	2 \times 56	2 \times 102
T2-11B				2 \times 26.6V	2 \times 21V	2 \times 48	2 \times 138.5
T2-12				2 \times 30.4V	2 \times 24V	2 \times 41.6	2 \times 183
T2-12B				2 \times 34.2V	2 \times 27V	2 \times 37	2 \times 231

10.T2A(2VA) (Tolerance $\pm 0.5\text{mm}$)



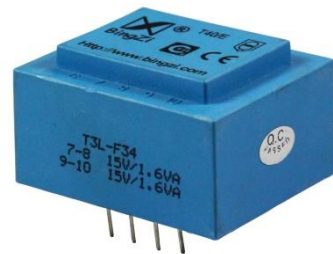
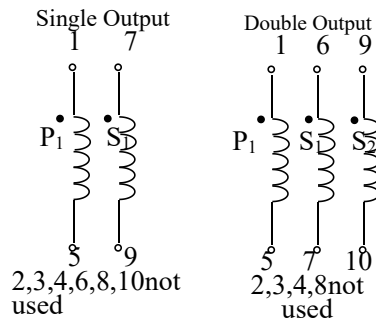
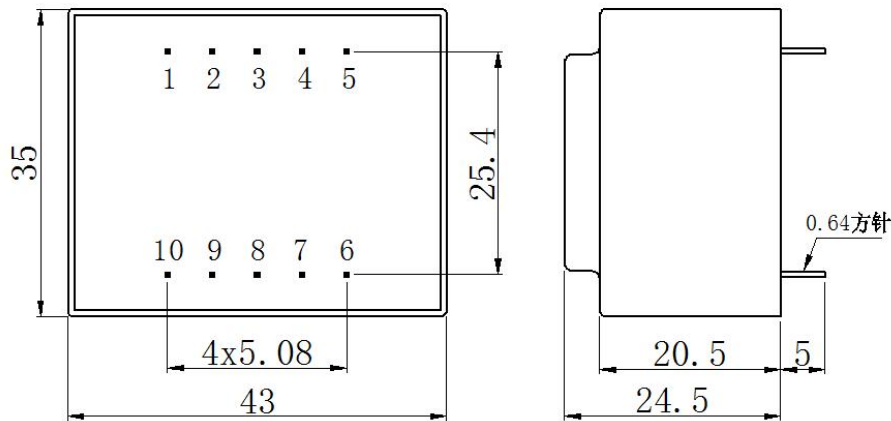
Model	Primary Voltage	Primary Current		Secondary Voltage		Secondary Current (mA)	Equivalent Internal Resistance (Ω)
		Idle	Full Load	Idle	Full Load		
T2A-07	Rating 220V Max. 242V Frequency 50Hz	$\leq 12\text{mA}$	$\leq 14.5\text{mA}$	2 \times 8.9V	2 \times 6V	2 \times 167	2 \times 15.57
T2A-07B				2 \times 10.54V	2 \times 7.5V	2 \times 133	2 \times 23.38
T2A-08				2 \times 12.83V	2 \times 9V	2 \times 111	2 \times 35.14
T2A-09				2 \times 17.19V	2 \times 12V	2 \times 83	2 \times 62.77
T2A-10				2 \times 21.31V	2 \times 15V	2 \times 67	2 \times 95.88
T2A-11				2 \times 25.44V	2 \times 18V	2 \times 56	2 \times 132.68
T2A-11B				2 \times 29.79V	2 \times 21V	2 \times 48	2 \times 183.13
T2A-12				2 \times 33.92V	2 \times 24V	2 \times 41.6	2 \times 234.52
T2A-12B				2 \times 38.5V	2 \times 27V	2 \times 37	2 \times 309.46

11. T3(3VA) (Tolerance $\pm 0.5\text{mm}$)



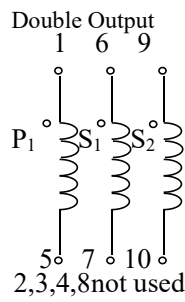
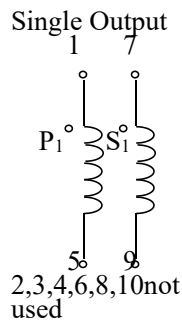
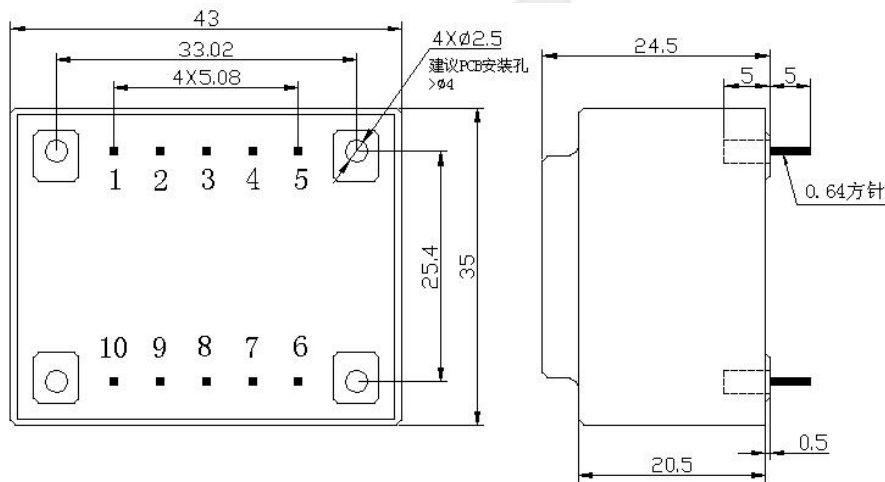
Model	Primary Voltage	Primary Current		Secondary Voltage		Secondary Current (mA)	Equivalent Internal Resistance (Ω)
		Idle	Full Load	Idle	Full Load		
T3-01	Rating 220V Max. 242V Frequency 50Hz	$\leq 17\text{mA}$	$\leq 21.8\text{mA}$	7.9V	6V	500	4.4
T3-01B				9.9V	7.5V	400	6.9
T3-02				11.9V	9V	333	10
T3-03				15.8V	12V	250	17.7
T3-04				19.8V	15V	200	27.7
T3-05				23.8V	18V	167	39.8
T3-05B				27.7V	21V	143	54.3
T3-06				31.7V	24V	125	70.9
T3-06B				35.6V	27V	111	90
T3-07	Rating 220V Max. 242V Frequency 50Hz	$\leq 17\text{mA}$	$\leq 21.8\text{mA}$	2×7.9V	2×6V	2×250	2×8.8
T3-07B				2×9.9V	2×7.5V	2×200	2×13.9
T3-08				2×11.9V	2×9V	2×167	2×20
T3-09				2×15.8V	2×12V	2×125	2×35.5
T3-10				2×19.8V	2×15V	2×100	2×55.4
T3-11				2×23.8V	2×18V	2×83	2×80
T3-11B				2×27.7V	2×21V	2×71	2×109
T3-12				2×31.7V	2×24V	2×62.5	2×142
T3-12B				2×35.6V	2×27V	2×55.5	2×180

12. T3L(3VA) (Tolerance $\pm 0.5\text{mm}$)



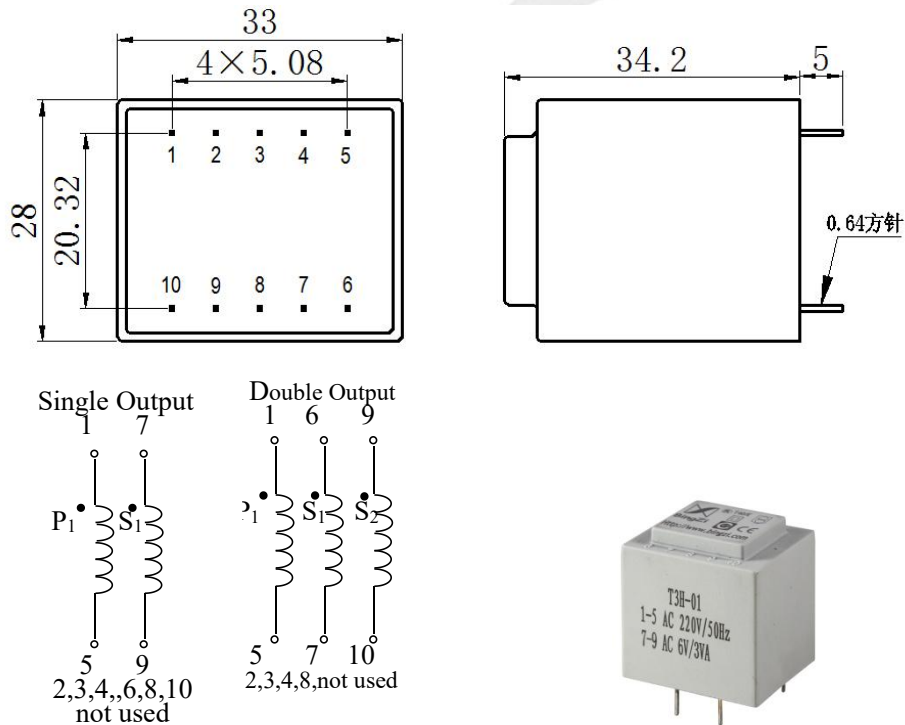
Model	Primary Voltage	Primary Current		Secondary Voltage		Secondary Current (mA)	Equivalent Internal Resistance (Ω)
		Idle	Full Load	Idle	Full Load		
T3L-01	Rating 220V Max. 242V Frequency 50Hz	$\leq 15.5\text{mA}$	$\leq 21.8\text{mA}$	7.7V	6V	500	4
T3L-01B				9.6V	7.5V	400	6.3
T3L-02				11.55V	9V	333	9
T3L-03				15.4V	12V	250	16
T3L-04				19.3V	15V	200	25
T3L-05				23.1V	18V	167	34
T3L-05B				27V	21V	143	49
T3L-06				30.8V	24V	125	64
T3L-06B				34.7V	27V	111	81.2
T3L-07	Rating 220V Max. 242V Frequency 50Hz	$\leq 15.5\text{mA}$	$\leq 21.8\text{mA}$	2×7.7V	2×6V	2×250	2×8
T3L-07B				2×9.6V	2×7.5V	2×200	2×12.5
T3L-08				2×11.55V	2×9V	2×167	2×18
T3L-09				2×15.4V	2×12V	2×125	2×32
T3L-10				2×19.3V	2×15V	2×100	2×50
T3L-11				2×23.1V	2×18V	2×83	2×72.4
T3L-11B				2×27V	2×21V	2×71	2×98.7
T3L-12				2×30.8V	2×24V	2×62.5	2×128
T3L-12B				2×34.7V	2×27V	2×55.5	2×162

13. T3LD(3VA) (Tolerance ±0.5mm)



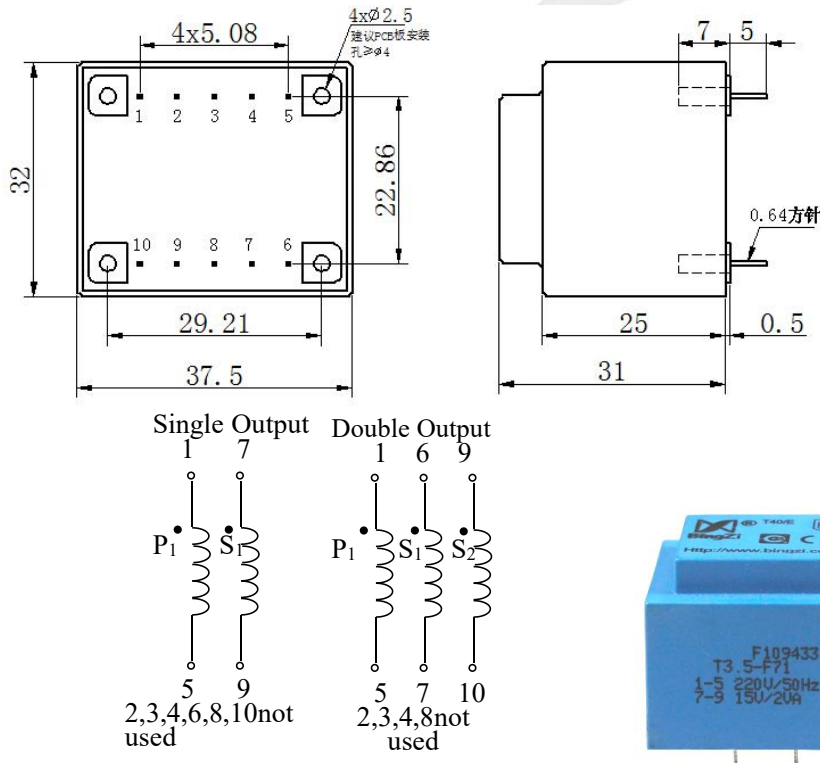
Model	Primary Voltage	Primary Current		Secondary Voltage		Secondary Current (mA)	Equivalent Internal Resistance (Ω)
		Idle	Full Load	Idle	Full Load		
T3LD-01	Rating 220V Max. 242V Frequency 50Hz	≤15.5mA	≤21.8mA	7.7V	6V	500	4
T3LD-01B				9.6V	7.5V	400	6.3
T3LD-02				11.55V	9V	333	9
T3LD-03				15.4V	12V	250	16
T3LD-04				19.3V	15V	200	25
T3LD-05				23.1V	18V	167	34
T3LD-05B				27V	21V	143	49
T3LD-06				30.8V	24V	125	64
T3LD-06B				34.7V	27V	111	81.2
T3LD-07				Rating 220V Max. 242V Frequency 50Hz	≤15.5mA	≤21.8mA	2×7.7V
T3LD-07B	2×9.6V	2×7.5V	2×200				2×12.5
T3LD-08	2×11.55V	2×9V	2×167				2×18
T3LD-09	2×15.4V	2×12V	2×125				2×32
T3LD-10	2×19.3V	2×15V	2×100				2×50
T3LD-11	2×23.1V	2×18V	2×83				2×72.4
T3LD-11B	2×27V	2×21V	2×71				2×98.7
T3LD-12	2×30.8V	2×24V	2×62.5				2×128
T3LD-12B	2×34.7V	2×27V	2×55.5				2×162

14. T3H(3VA) (Tolerance ±0.5mm)



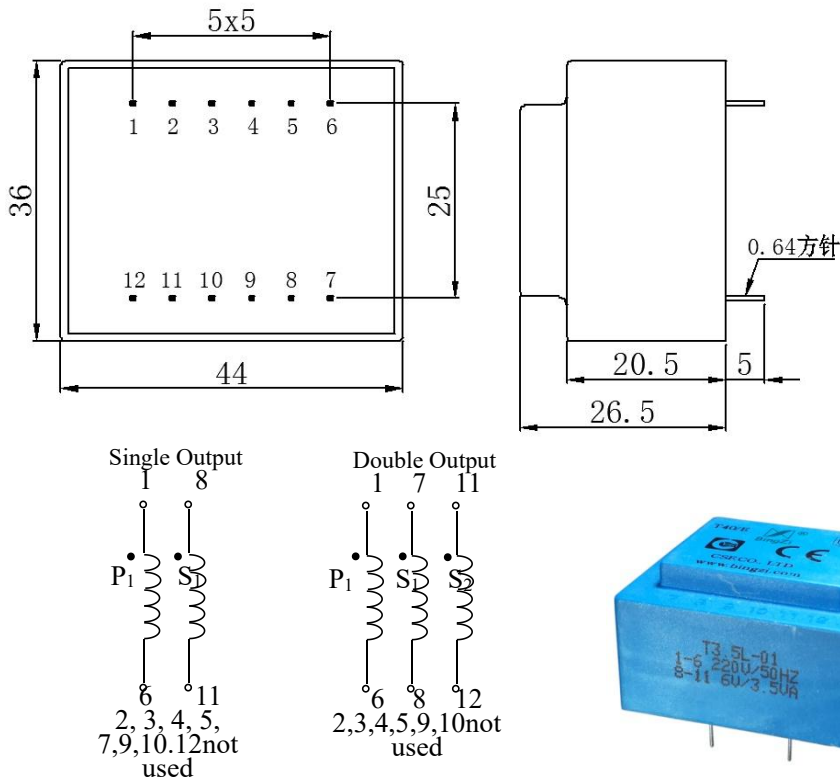
Model	Primary Voltage	Primary Current		Secondary Voltage		Secondary Current (mA)	Equivalent Internal Resistance (Ω)
		Idle	Full Load	Idle	Full Load		
T3H-01	Rating 220V Max. 242V Frequency 50Hz	≤12mA	≤22mA	7.5V	6V	500	3
T3H-01B				9.6V	7.5V	400	5.3
T3H-02				11.5V	9V	333.3	7.5
T3H-03				15.4V	12V	250	13.6
T3H-04				19.2V	15V	200	21
T3H-05				23.0V	18V	166.7	30
T3H-05B				27.1V	21V	142.9	42.7
T3H-06				30.9V	24V	125	55.2
T3H-06B				35.2V	27V	111.1	73.8
T3H-07	Rating 220V Max. 242V Frequency 50Hz	≤12mA	≤22mA	2×7.7V	2×6V	2×250	2×6.8
T3H-07B				2×9.6V	2×7.5V	2×200	2×10.5
T3H-08				2×11.5V	2×9V	2×167.7	2×15
T3H-09				2×15.3V	2×12V	2×125	2×26.4
T3H-10				2×19.2V	2×15V	2×100	2×42
T3H-11				2×23.0V	2×18V	2×83.3	2×60
T3H-11B				2×26.8V	2×21V	2×71.4	2×81.2
T3H-12				2×30.9V	2×24V	2×62.5	2×110.4
T3H-12B				2×35.2V	2×27V	2×55.6	2×201.6

15. T3.5(3.5VA) (Tolerance ±0.5mm)



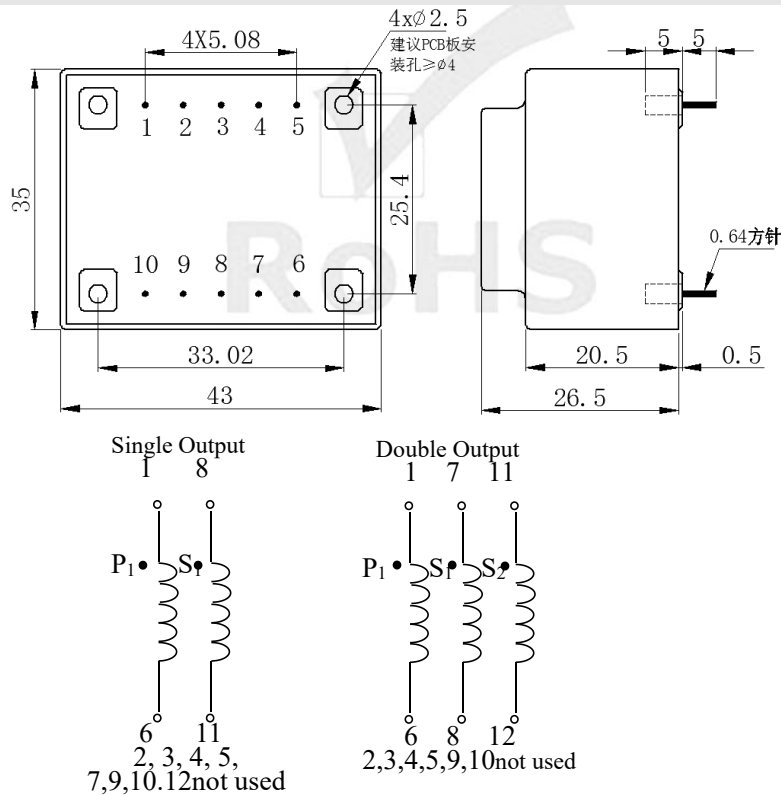
Model	Primary Voltage	Primary Current		Secondary Voltage		Secondary Current (mA)	Equivalent Internal Resistance (Ω)
		Idle	Full Load	Idle	Full Load		
T3.5-01	Rating 220V Max. 242V Frequency 50Hz	≤17mA	≤24.8mA	8V	6V	583	4
T3.5-01B				10V	7.5V	467	6.3
T3.5-02				12V	9V	389	9
T3.5-03				16V	12V	292	16
T3.5-04				20V	15V	233	25
T3.5-05				24V	18V	194	36.5
T3.5-05B				28V	21V	167	50
T3.5-06				32V	24V	146	65
T3.5-06B				36.3V	27V	130	82
T3.5-07	Rating 220V Max. 242V Frequency 50Hz	≤17mA	≤24.8mA	2×8V	2×6V	2×292	2×8
T3.5-07B				2×10V	2×7.5V	2×233	2×12.7
T3.5-08				2×12V	2×9V	2×194	2×18
T3.5-09				2×16V	2×12V	2×146	2×32
T3.5-10				2×20V	2×15V	2×117	2×50.5
T3.5-11				2×24V	2×18V	2×97	2×73
T3.5-11B				2×28V	2×21V	2×83	2×100
T3.5-12				2×32V	2×24V	2×73	2×129
T3.5-12B				2×36.3V	2×27V	2×65	2×163.5

16. T3.5L(3.5VA) (Tolerance $\pm 0.5\text{mm}$)



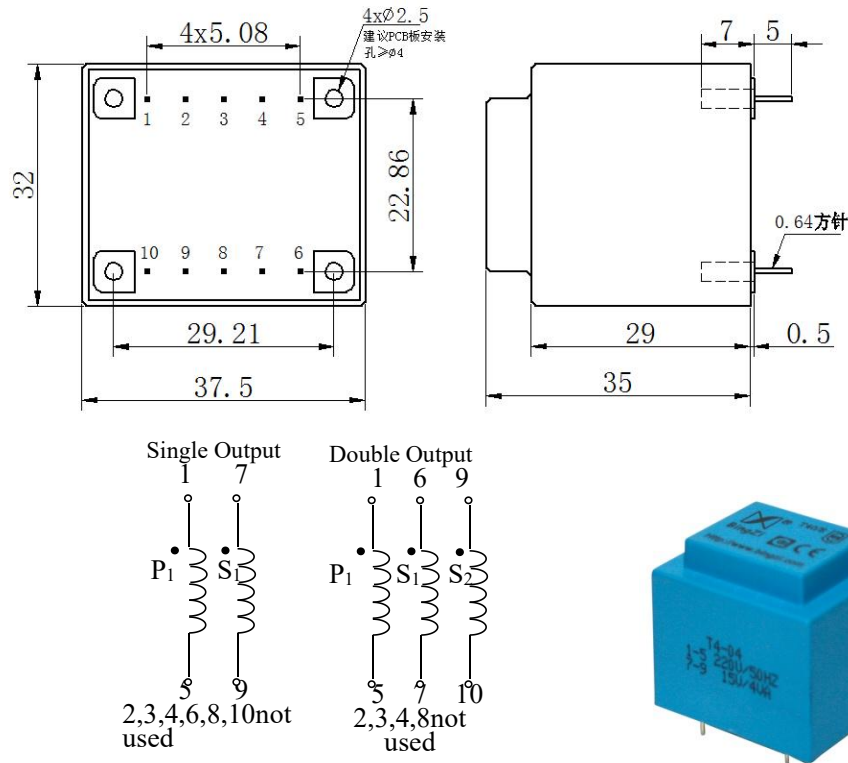
Model	Primary Voltage	Primary Current		Secondary Voltage		Secondary Current (mA)	Equivalent Internal Resistance (Ω)
		Idle	Full Load	Idle	Full Load		
T3.5L-01	Rating 220V Max. 242V Frequency 50Hz	$\leq 18\text{mA}$	$\leq 27\text{mA}$	7.9V	6V	583	3.8
T3.5L-01B				9.9V	7.5V	467	5
T3.5L-02				11.9V	9V	389	8.5
T3.5L-03				15.8V	12V	292	15
T3.5L-04				19.8V	15V	233	23.8
T3.5L-05				23.8V	18V	194	34
T3.5L-05B				27.7V	21V	167	46.5
T3.5L-06				31.7V	24V	146	61
T3.5L-06B				35.6V	27V	130	77
T3.5L-07	Rating 220V Max. 242V Frequency 50Hz	$\leq 18\text{mA}$	$\leq 27\text{mA}$	2×7.9V	2×6V	2×292	2×7.6
T3.5L-07B				2×9.9V	2×7.5V	2×233	2×12
T3.5L-08				2×11.9V	2×9V	2×194	2×17
T3.5L-09				2×15.8V	2×12V	2×146	2×30
T3.5L-10				2×19.8V	2×15V	2×117	2×47.4
T3.5L-11				2×23.8V	2×18V	2×97	2×68.6
T3.5L-11B				2×27.7V	2×21V	2×83	2×93
T3.5L-12				2×31.7V	2×24V	2×73	2×121
T3.5L-12B				2×35.6V	2×27V	2×65	2×153

17. T3.5LD(3.5VA) (Tolerance $\pm 0.5\text{mm}$)



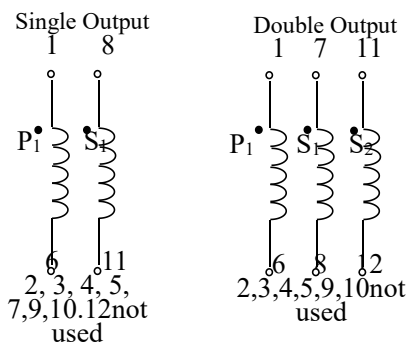
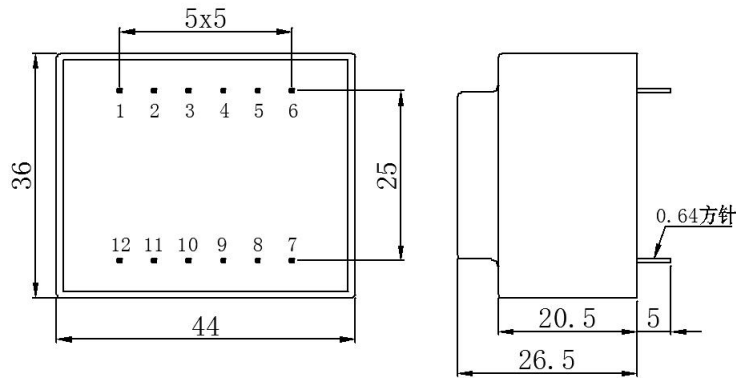
Model	Primary Voltage	Primary Current		Secondary Voltage		Secondary Current (mA)	Equivalent Internal Resistance (Ω)
		Idle	Full Load	Idle	Full Load		
T3.5LD-01	Rating 220V Max. 242V Frequency 50Hz	$\leq 18\text{mA}$	$\leq 27\text{mA}$	7.9V	6V	583	3.8
T3.5LD-01B				9.9V	7.5V	467	5
T3.5LD-02				11.9V	9V	389	8.5
T3.5LD-03				15.8V	12V	292	15
T3.5LD-04				19.8V	15V	233	23.8
T3.5LD-05				23.8V	18V	194	34
T3.5LD-05B				27.7V	21V	167	46.5
T3.5LD-06				31.7V	24V	146	61
T3.5LD-06B				35.6V	27V	130	77
T3.5LD-07	Rating 220V Max. 242V Frequency 50Hz	$\leq 18\text{mA}$	$\leq 27\text{mA}$	2x7.9V	2x6V	2x292	2x7.6
T3.5LD-07B				2x9.9V	2x7.5V	2x233	2x12
T3.5LD-08				2x11.9V	2x9V	2x194	2x17
T3.5LD-09				2x15.8V	2x12V	2x146	2x30
T3.5LD-10				2x19.8V	2x15V	2x117	2x47.4
T3.5LD-11				2x23.8V	2x18V	2x97	2x68.6
T3.5LD-11B				2x27.7V	2x21V	2x83	2x93
T3.5LD-12				2x31.7V	2x24V	2x73	2x121
T3.5LD-12B				2x35.6V	2x27V	2x65	2x153

18. T4(4VA) (Tolerance $\pm 0.5\text{mm}$)



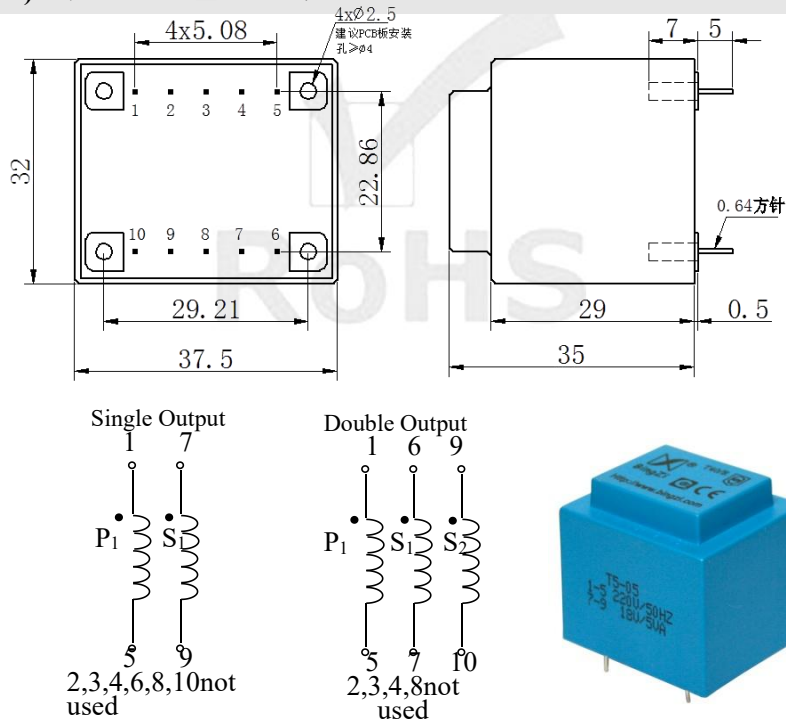
Model	Primary Voltage	Primary Current		Secondary Voltage		Secondary Current (mA)	Equivalent Internal Resistance (Ω)
		Idle	Full Load	Idle	Full Load		
T4-01	Rating 220V Max. 242V Frequency 50Hz	$\leq 18\text{mA}$	$\leq 27.5\text{mA}$	7.3	6V	667	2.3
T4-01B				9.1	7.5V	533	3.7
T4-02				10.9	9V	444	5
T4-03				14.5	12V	333	9
T4-04				18.2	15V	267	14.6
T4-05				21.8	18V	222	21
T4-05B				25.4	21V	190	29
T4-06				29	24V	167	37.4
T4-06B				32.7	27V	148	47.5
T4-07	Rating 220V Max. 242V Frequency 50Hz	$\leq 18\text{mA}$	$\leq 27.5\text{mA}$	2 \times 7.3	2 \times 6V	2 \times 333	2 \times 4.7
T4-07B				2 \times 9.1	2 \times 7.5V	2 \times 267	2 \times 7.3
T4-08				2 \times 10.9	2 \times 9V	2 \times 222	2 \times 10.5
T4-09				2 \times 14.5	2 \times 12V	2 \times 167	2 \times 19
T4-10				2 \times 18.2	2 \times 15V	2 \times 133	2 \times 29
T4-11				2 \times 21.8	2 \times 18V	2 \times 111	2 \times 42
T4-11B				2 \times 25.4	2 \times 21V	2 \times 95	2 \times 57.5
T4-12				2 \times 29	2 \times 24V	2 \times 83	2 \times 75
T4-12B				2 \times 32.7	2 \times 27V	2 \times 74	2 \times 95

19. T4L(4VA) (Tolerance $\pm 0.5\text{mm}$)



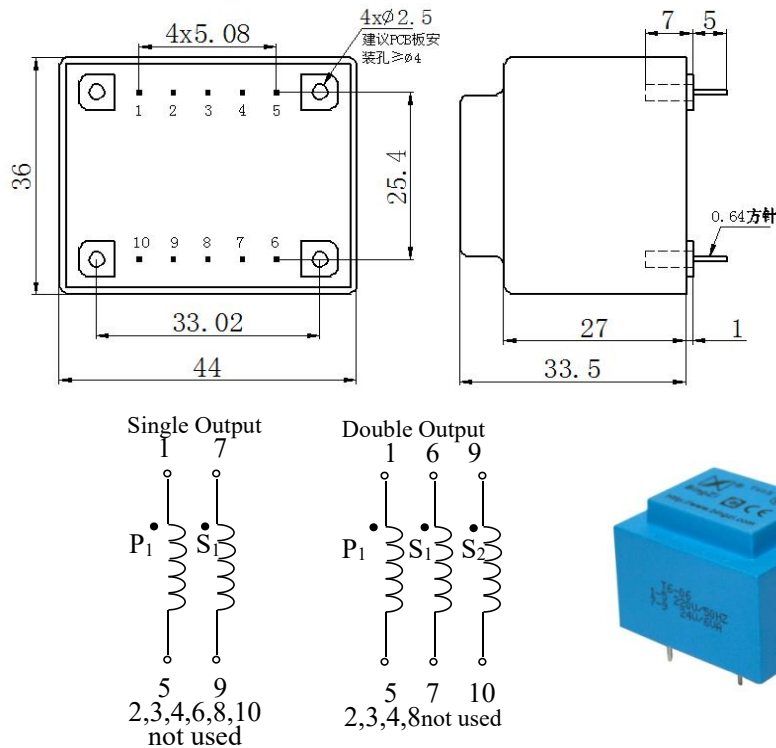
Model	Primary Voltage	Primary Current		Secondary Voltage		Secondary Current (mA)	Equivalent Internal Resistance (Ω)
		Idle	Full Load	Idle	Full Load		
T4L-01	Rating 220V Max. 242V Frequency 50Hz	$\leq 18\text{mA}$	$\leq 28.5\text{mA}$	7.6V	6V	667	3
T4L-01B				9.5V	7.5V	533	4.5
T4L-02				11.4V	9V	444	6.4
T4L-03				15.2V	12V	333	11.4
T4L-04				19V	15V	267	18
T4L-05				22.8V	18V	222	25.7
T4L-05B				26.6V	21V	410	35
T4L-06				30.4V	24V	167	45.5
T4L-06B				34.2V	27V	148	58
T4L-07	Rating 220V Max. 242V Frequency 50Hz	$\leq 18\text{mA}$	$\leq 28.5\text{mA}$	2×7.6V	2×6V	2×333	2×5.7
T4L-07B				2×9.5V	2×7.5V	2×267	2×9
T4L-08				2×11.4V	2×9V	2×222	2×12.8
T4L-09				2×15.2V	2×12V	2×167	2×22.8
T4L-10				2×19V	2×15V	2×133	2×36
T4L-11				2×22.8V	2×18V	2×111	2×51
T4L-11B				2×26.6V	2×21V	2×95	2×70
T4L-12				2×30.4V	2×24V	2×83	2×91.6
T4L-12B				2×34.2V	2×27V	2×74	2×115.5

20. T5(5VA) (Tolerance $\pm 0.5\text{mm}$)



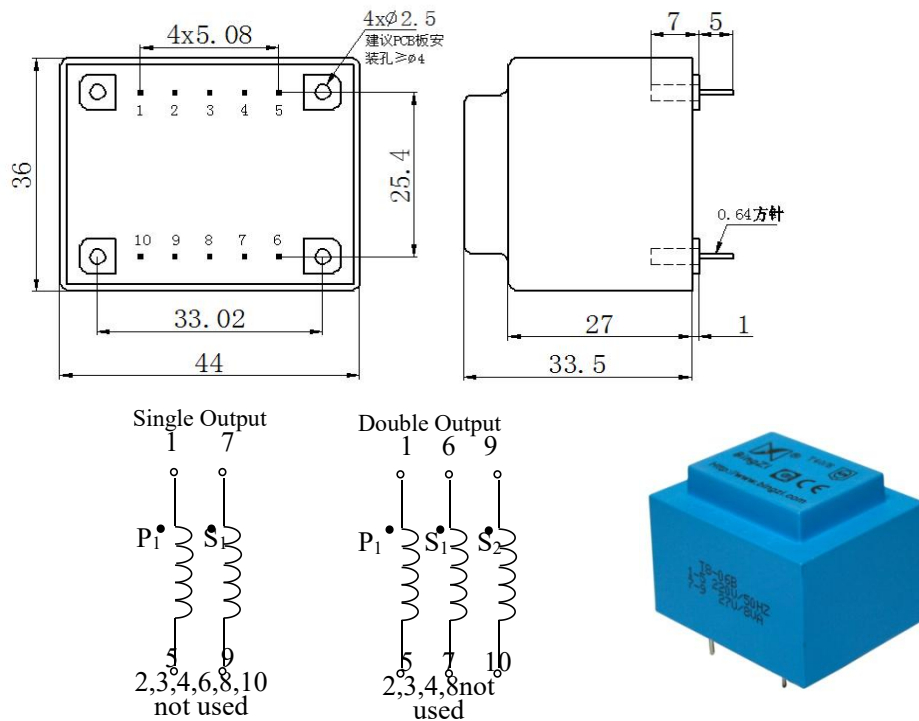
Model	Primary Voltage	Primary Current		Secondary Voltage		Secondary Current (mA)	Equivalent Internal Resistance (Ω)
		Idle	Full Load	Idle	Full Load		
T5-01	Rating 220V Max. 242V Frequency 50Hz	$\leq 20\text{mA}$	$\leq 30.8\text{mA}$	7.3V	6V	833	1.9
T5-01B				9.1V	7.5V	667	2.9
T5-02				10.9V	9V	556	4.2
T5-03				14.5V	12V	417	7.5
T5-04				18.2V	15V	333	11.7
T5-05				21.8V	18V	278	16.8
T5-05B				25.4V	21V	238	23
T5-06				29V	24V	208	30
T5-06B				32.7V	27V	185	38
T5-07				Rating 220V Max. 242V Frequency 50Hz	$\leq 20\text{mA}$	$\leq 30.8\text{mA}$	2 \times 7.3V
T5-07B	2 \times 9.1V	2 \times 7.5V	2 \times 333				2 \times 5.9
T5-08	2 \times 10.9V	2 \times 9V	2 \times 278				2 \times 8.4
T5-09	2 \times 14.5V	2 \times 12V	2 \times 208				2 \times 15
T5-10	2 \times 18.2V	2 \times 15V	2 \times 167				2 \times 23
T5-11	2 \times 21.8V	2 \times 18V	2 \times 139				2 \times 34
T5-11B	2 \times 25.4V	2 \times 21V	2 \times 119				2 \times 46
T5-12	2 \times 29V	2 \times 24V	2 \times 104				2 \times 60
T5-12B	2 \times 32.7V	2 \times 27V	2 \times 93				2 \times 75.5

21. T6(6VA) (Tolerance $\pm 0.5\text{mm}$)



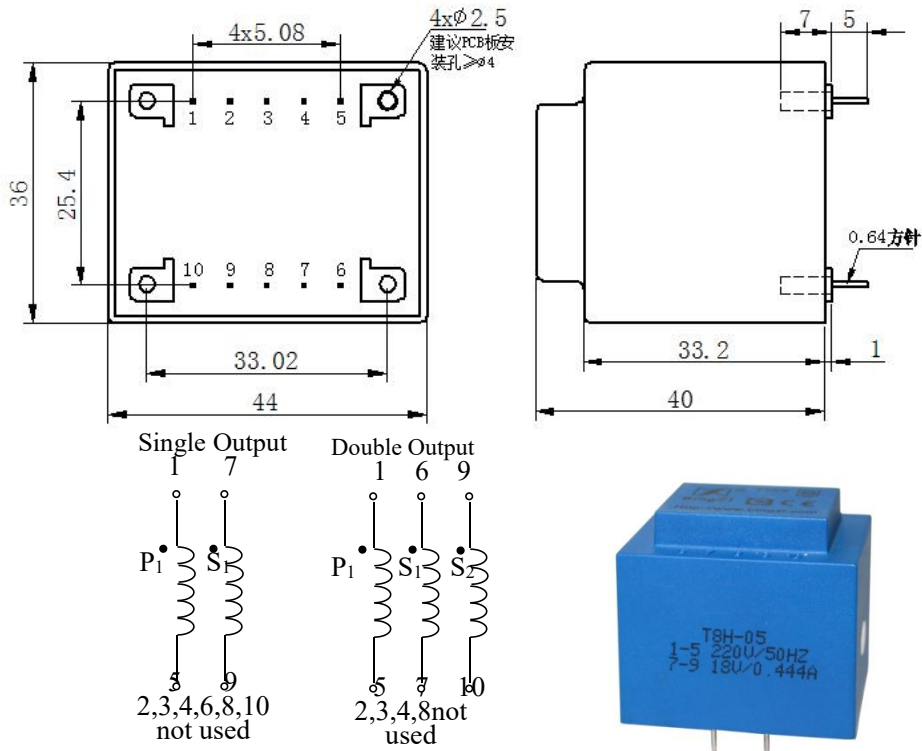
Model	Primary Voltage	Primary Current		Secondary Voltage		Secondary Current (mA)	Equivalent Internal Resistance (Ω)			
		Idle	Full Load	Idle	Full Load					
T6-01	Rating 220V Max. 242V Frequency 50Hz	$\leq 24\text{mA}$	$\leq 40.5\text{mA}$	7.4V	6V	1000	1.7			
T6-01B				9.2V	7.5V	800	2.6			
T6-02				11V	9V	667	3.7			
T6-03				14.7V	12V	500	6.7			
T6-04				18.4V	15V	400	10.4			
T6-05				22.1V	18V	333	15			
T6-05B				25.8V	21V	286	20			
T6-06				29.5V	24V	250	26.6			
T6-06B				33.1V	27V	222	33.7			
T6-07				Rating 220V Max. 242V Frequency 50Hz	$\leq 24\text{mA}$	$\leq 40.5\text{mA}$	2 \times 7.4V	2 \times 6V	2 \times 500	2 \times 3.3
T6-07B							2 \times 9.2V	2 \times 7.5V	2 \times 400	2 \times 5.2
T6-08							2 \times 11V	2 \times 9V	2 \times 333	2 \times 7.5
T6-09	2 \times 14.7V	2 \times 12V	2 \times 250				2 \times 13.3			
T6-10	2 \times 18.4V	2 \times 15V	2 \times 200				2 \times 20.8			
T6-11	2 \times 22.1V	2 \times 18V	2 \times 167				2 \times 30			
T6-11B	2 \times 25.8V	2 \times 21V	2 \times 143	2 \times 40.7						
T6-12	2 \times 29.5V	2 \times 24V	2 \times 125	2 \times 53						
T6-12B	2 \times 33.1V	2 \times 27V	2 \times 111	2 \times 67.5						

22. T8(8VA) (Tolerance $\pm 0.5\text{mm}$)



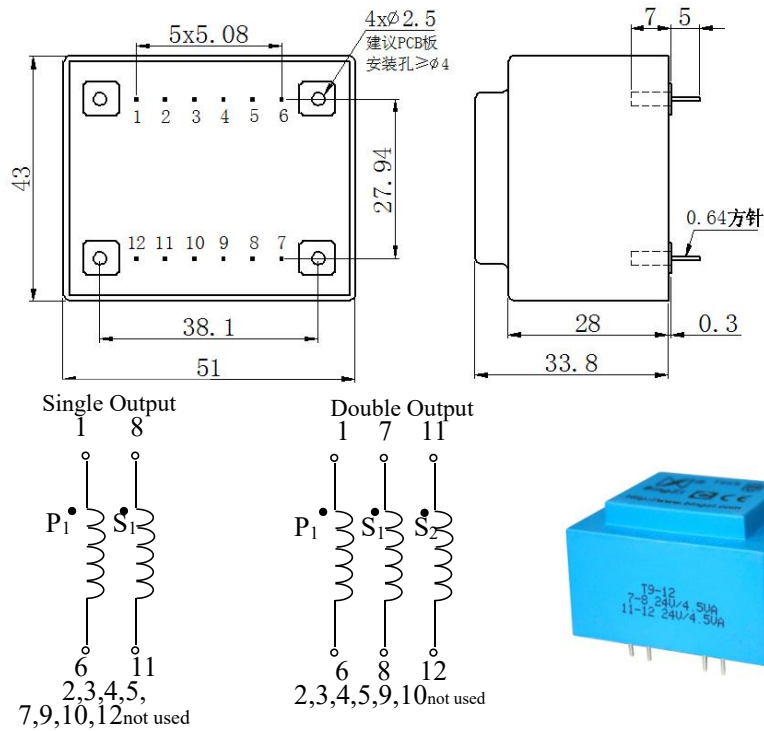
Model	Primary Voltage	Primary Current		Secondary Voltage		Secondary Current (mA)	Equivalent Internal Resistance (Ω)
		Idle	Full Load	Idle	Full Load		
T8-01	Rating 220V Max. 242V Frequency 50Hz	$\leq 28\text{mA}$	$\leq 51\text{mA}$	7.5V	6V	1333	1.3
T8-01B				9.3V	7.5V	1067	2.1
T8-02				11.2V	9V	889	3
T8-03				14.9V	12V	667	5.3
T8-04				18.7V	15V	533	8.3
T8-05				22.4V	18V	444	12
T8-05B				26.1V	21V	381	16.3
T8-06				29.9V	24V	333	21.3
T8-06B				33.6V	27V	296	27
T8-07				Rating 220V Max. 242V Frequency 50Hz	$\leq 28\text{mA}$	$\leq 51\text{mA}$	2×7.5V
T8-07B	2×9.3V	2×7.5V	2×533				2×4.2
T8-08	2×11.2V	2×9V	2×444				2×6
T8-09	2×14.9V	2×12V	2×333				2×10.6
T8-10	2×18.7V	2×15V	2×267				2×16.6
T8-11	2×22.4V	2×18V	2×222				2×24
T8-11B	2×26.1V	2×21V	2×190				2×32.6
T8-12	2×29.9V	2×24V	2×167				2×42
T8-12B	2×33.6V	2×27V	2×148	2×54			

23. T8H(8VA) (Tolerance ±0.5mm)



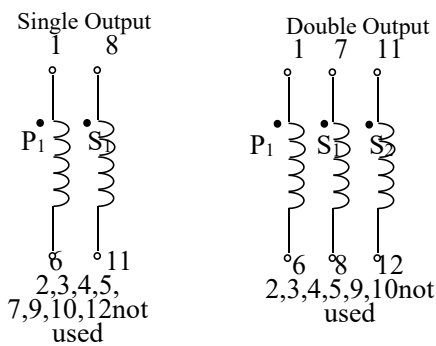
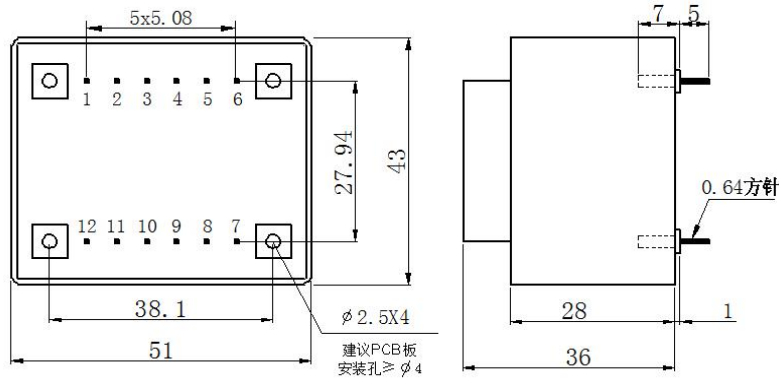
Model	Primary Voltage	Primary Current		Secondary Voltage		Secondary Current (mA)	Equivalent Internal Resistance (Ω)			
		Idle	Full Load	Idle	Full Load					
T8H-01	Rating 220V Max. 242V Frequency 50Hz	$\leq 25\text{mA}$	$\leq 65\text{mA}$	7.2V	6V	1333	0.9			
T8H-01B				9.0V	7.5V	1066	1.4			
T8H-02				10.9V	9V	888	2.1			
T8H-03				14.8V	12V	666	4.2			
T8H-04				18.3V	15V	533	6.2			
T8H-05				22.0V	18V	444	9.0			
T8H-05B				25.3V	21V	380	11.3			
T8H-06				29.1V	24V	333	15.3			
T8H-06B				32.8V	27V	296	19.6			
T8H-07				Rating 220V Max. 242V Frequency 50Hz	$\leq 25\text{mA}$	$\leq 65\text{mA}$	2×7.2V	2×6V	2×666	2×1.8
T8H-07B							2×9.0V	2×7.5V	2×533	2×2.8
T8H-08							2×10.9V	2×9V	2×444	2×4.3
T8H-09	2×14.3V	2×12V	2×333				2×6.9			
T8H-10	2×18.1V	2×15V	2×266				2×11.7			
T8H-11	2×21.6V	2×18V	2×222				2×16.2			
T8H-11B	2×25.3V	2×21V	2×190				2×22.6			
T8H-12	2×29.0V	2×24V	2×166				2×30.1			
T8H-12B	2×32.5V	2×27V	2×148	2×37.2						

24. T9(9VA) (Tolerance $\pm 0.5\text{mm}$)



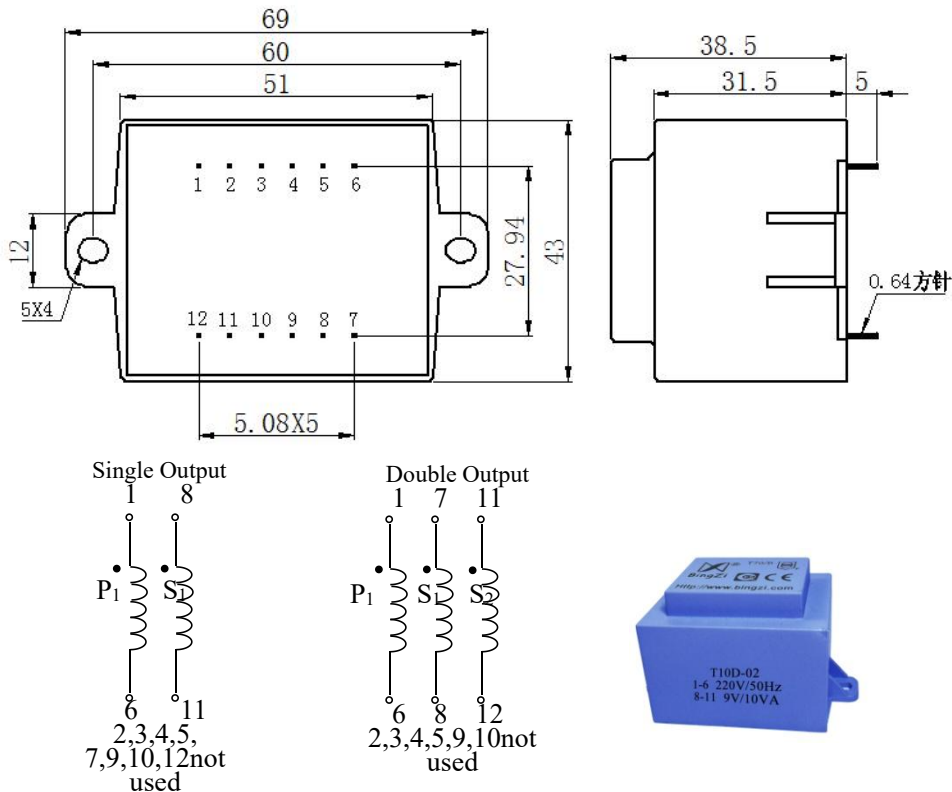
Model	Primary Voltage	Primary Current		Secondary Voltage		Secondary Current (mA)	Equivalent Internal Resistance (Ω)
		Idle	Full Load	Idle	Full Load		
T9-01	Rating 220V Max. 242V Frequency 50Hz	$\leq 18\text{mA}$	$\leq 55\text{mA}$	7.48V	6V	1500	1.02
T9-01B				8.9V	7.5V	1200	1.3
T9-02				11V	9V	1000	2.2
T9-03				15V	12V	750	4
T9-04				18.3V	15V	600	5.9
T9-05				22V	18V	500	8.6
T9-05B				25.7V	21V	428	11.7
T9-06				30V	24V	375	16.5
T9-06B				33.7V	27V	333	20.8
T9-07	Rating 220V Max. 242V Frequency 50Hz	$\leq 18\text{mA}$	$\leq 55\text{mA}$	2×7.48V	2×6V	2×750	2×2.04
T9-07B				2×8.9V	2×7.5V	2×600	2×2.6
T9-08				2×11V	2×9V	2×500	2×4.4
T9-09				2×15V	2×12V	2×375	2×8
T9-10				2×18.3V	2×15V	2×300	2×11.8
T9-11				2×22V	2×18V	2×250	2×17.2
T9-11B				2×25.7V	2×21V	2×214	2×23.4
T9-12				2×30V	2×24V	2×187.5	2×33
T9-12B				2×33.7V	2×27V	2×166.6	2×41.6

25. T10(10VA) (Tolerance ±0.5mm)



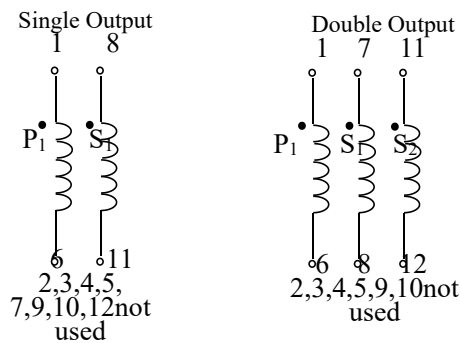
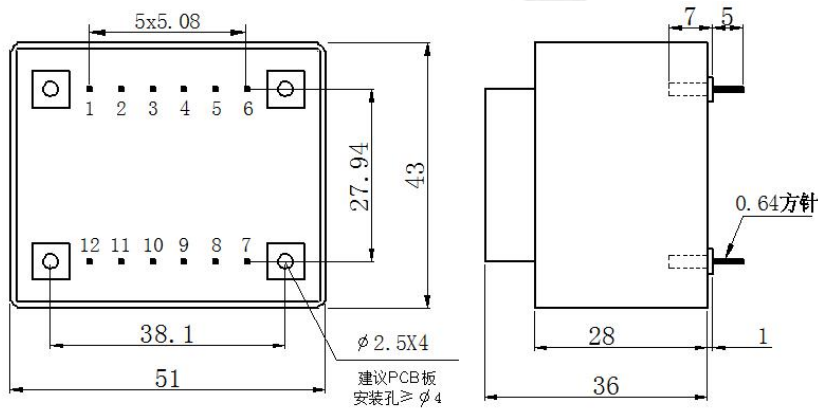
Model	Primary Voltage	Primary Current		Secondary Voltage		Secondary Current (mA)	Equivalent Internal Resistance (Ω)
		Idle	Full Load	Idle	Full Load		
T10-01	Rating 220V Max. 242V Frequency 50Hz	≤28mA	≤59mA	6.8V	6V	1667	0.65
T10-01B				8.5V	7.5V	1333	1
T10-02				10.2V	9V	1111	1.5
T10-03				13.6V	12V	833	2.6
T10-04				17V	15V	667	4
T10-05				20.4V	18V	556	6
T10-05B				23.8V	21V	467	8
T10-06				27.1V	24V	417	10.4
T10-06B				30.5V	27V	370	13.2
T10-07	Rating 220V Max. 242V Frequency 50Hz	≤28mA	≤59mA	2×6.8V	2×6V	2×833	2×1.3
T10-07B				2×8.5V	2×7.5V	2×677	2×2
T10-08				2×10.2V	2×9V	2×556	2×3
T10-09				2×13.6V	2×12V	2×417	2×5.2
T10-10				2×17V	2×15V	2×333	2×8
T10-11				2×20.4V	2×18V	2×278	2×12
T10-11B				2×23.8V	2×21V	2×238	2×16
T10-12				2×27.1V	2×24V	2×208	2×21
T10-12B				2×30.5V	2×27V	2×185	2×26.4

26. T10D(10VA) (Tolerance $\pm 0.5\text{mm}$)



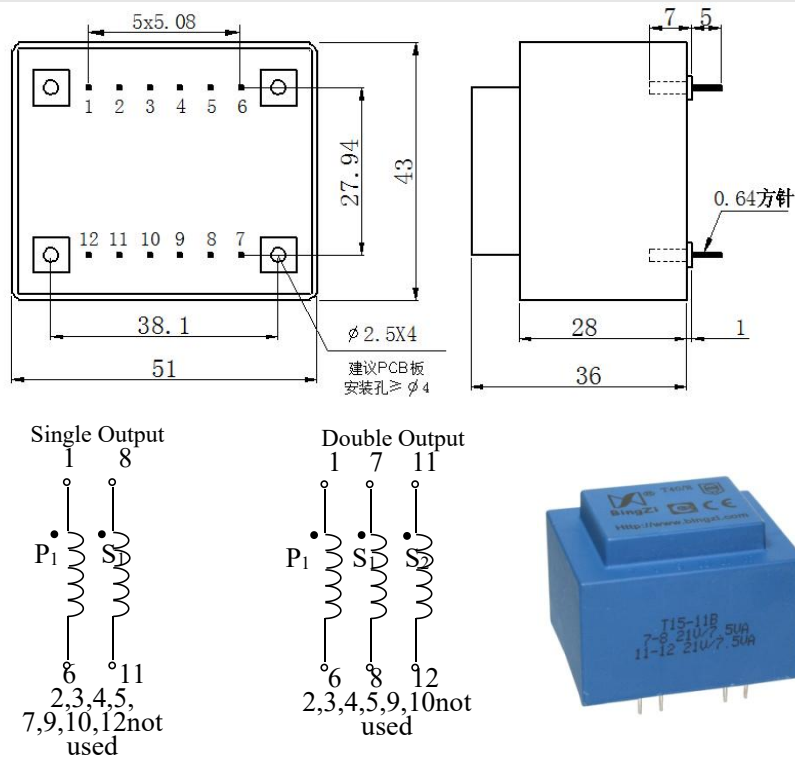
Model	Primary Voltage	Primary Current		Secondary Voltage		Secondary Current (mA)	Equivalent Internal Resistance (Ω)
		Idle	Full Load	Idle	Full Load		
T10D-01	Rating 220V Max. 242V Frequency 50Hz	$\leq 28\text{mA}$	$\leq 59\text{mA}$	6.8V	6V	1667	0.65
T10D-01B				8.5V	7.5V	1333	1
T10D-02				10.2V	9V	1111	1.5
T10D-03				13.6V	12V	833	2.6
T10D-04				17V	15V	667	4
T10D-05				20.4V	18V	556	6
T10D-05B				23.8V	21V	467	8
T10D-06				27.1V	24V	417	10.4
T10D-06B				30.5V	27V	370	13.2
T10D-07	Rating 220V Max. 242V Frequency 50Hz	$\leq 28\text{mA}$	$\leq 59\text{mA}$	2×6.8V	2×6V	2×833	2×1.3
T10D-07B				2×8.5V	2×7.5V	2×677	2×2
T10D-08				2×10.2V	2×9V	2×556	2×3
T10D-09				2×13.6V	2×12V	2×417	2×5.2
T10D-10				2×17V	2×15V	2×333	2×8
T10D-11				2×20.4V	2×18V	2×278	2×12
T10D-11B				2×23.8V	2×21V	2×238	2×16
T10D-12				2×27.1V	2×24V	2×208	2×21
T10D-12B				2×30.5V	2×27V	2×185	2×26.4

27. T12(12VA) (Tolerance ±0.5mm)



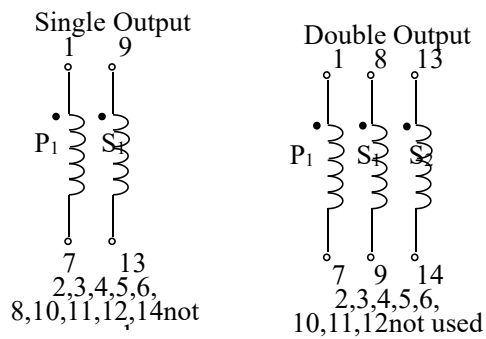
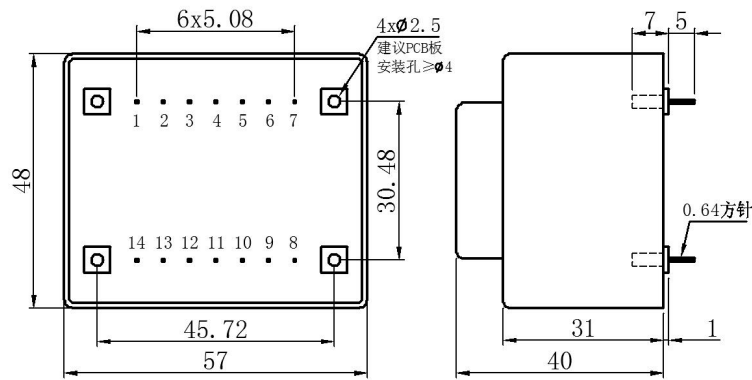
Model	Primary Voltage	Primary Current		Secondary Voltage		Secondary Current (mA)	Equivalent Internal Resistance (Ω)
		Idle	Full Load	Idle	Full Load		
T12-01	Rating 220V Max. 242V Frequency 50Hz	≤28mA	≤73mA	7.2V	6V	2000	0.8
T12-01B				9V	7.5V	1600	1.2
T12-02				10.8V	9V	1333	1.7
T12-03				14.4V	12V	1000	3
T12-04				18V	15V	800	4.7
T12-05				21.6V	18V	667	6.8
T12-05B				25.3V	21V	571	9
T12-06				28.9V	24V	500	12
T12-06B				32.5V	27V	444	15.4
T12-07				Rating 220V Max. 242V Frequency 50Hz	≤28mA	≤73mA	2×7.2V
T12-07B	2×9V	2×7.5V	2×800				2×2.4
T12-08	2×10.8V	2×9V	1×667				2×3.4
T12-09	2×14.4V	2×12V	2×500				2×6
T12-10	2×18V	2×15V	2×400				2×9.5
T12-11	2×21.6V	2×18V	2×333				2×14
T12-11B	2×25.3V	2×21V	2×286				2×18.5
T12-12	2×28.9V	2×24V	2×250				2×24
T12-12B	2×32.5V	2×27V	2×222				2×31

28. T15(15VA) (Tolerance ±0.5mm)



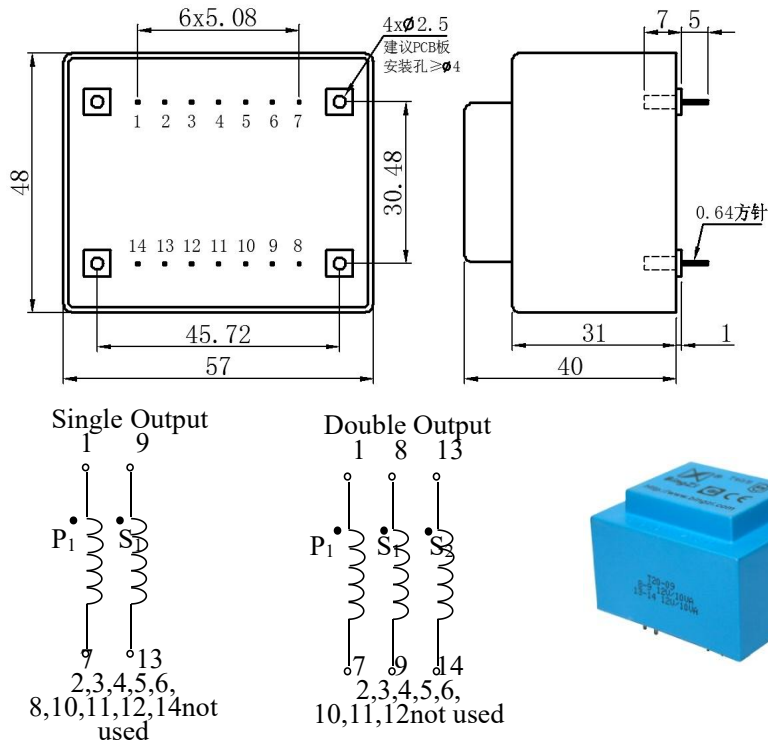
Model	Primary Voltage	Primary Current		Secondary Voltage		Secondary Current (mA)	Equivalent Internal Resistance (Ω)
		Idle	Full Load	Idle	Full Load		
T15-01	Rating 220V Max. 242V Frequency 50Hz	≤ 35 m A	≤ 91 m A	7.2V	6V	2500	0.6
T15-01B				9V	7.5V	2000	0.95
T15-02				10.8V	9V	1667	1.4
T15-03				14.4V	12V	1250	2.4
T15-04				18V	15V	1000	4
T15-05				21.6V	18V	833	5.5
T15-05B				25.3V	21V	714	7.4
T15-06				28.9V	24V	625	10
T15-06B				32.5V	27V	556	12
T15-07	Rating 220V Max. 242V Frequency 50Hz	≤ 35 m A	≤ 91 m A	2×7.2V	2×6V	2×1250	2×1.2
T15-07B				2×9V	2×7.5	2×1000	2×1.9
T15-08				2×10.8V	2×9V	2×833	2×2.7
T15-09				2×14.4V	2×12	2×625	2×4.8
T15-10				2×18V	2×15	2×500	2×7.6
T15-11				2×21.6V	2×18	2×417	2×11
T15-11B				2×25.3V	2×21	2×357	2×15
T15-12				2×28.9V	2×24	2×312.5	2×19
T15-12B				2×32.5V	2×27	2×278	2×24.5

29. T18(18VA) (Tolerance ±0.5mm)



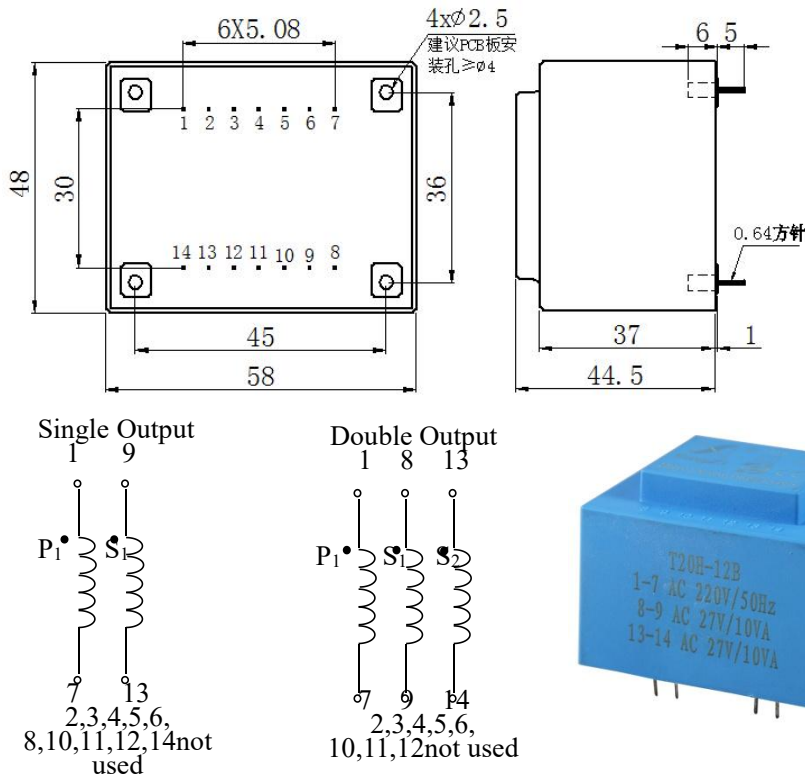
Model	Primary Voltage	Primary Current		Secondary Voltage		Secondary Current (mA)	Equivalent Internal Resistance (Ω)
		Idle	Full Load	Idle	Full Load		
T18-01	Rating 220V Max. 242V Frequency 50Hz	≤40mA	≤101mA	6.7V	6V	3000	0.3
T18-01B				8.4V	7.5V	2400	0.5
T18-02				10.1V	9V	2000	0.75
T18-03				13.4V	12V	1500	1.3
T18-04				16.8V	15V	1200	2
T18-05				20.1V	18V	1000	3
T18-05B				23.5V	21V	857	4
T18-06				26.8V	24V	750	5.4
T18-06B				30.2V	27V	667	6.8
T18-07				Rating 220V Max. 242V Frequency 50Hz	≤40mA	≤101mA	2×6.7V
T18-07B	2×8.4V	2×7.5V	2×1200				2×1
T18-08	2×10.1V	2×9V	2×1000				2×1.5
T18-09	2×13.4V	2×12V	2×750				2×2.7
T18-10	2×16.8V	2×15V	2×600				2×4
T18-11	2×20.1V	2×18V	2×500				2×6
T18-11B	2×23.5V	2×21V	2×429				2×8
T18-12	2×26.8V	2×24V	2×375				2×10.7
T18-12B	2×30.2V	2×27V	2×333	2×13.6			

30. T20(20VA) (Tolerance ±0.5mm)



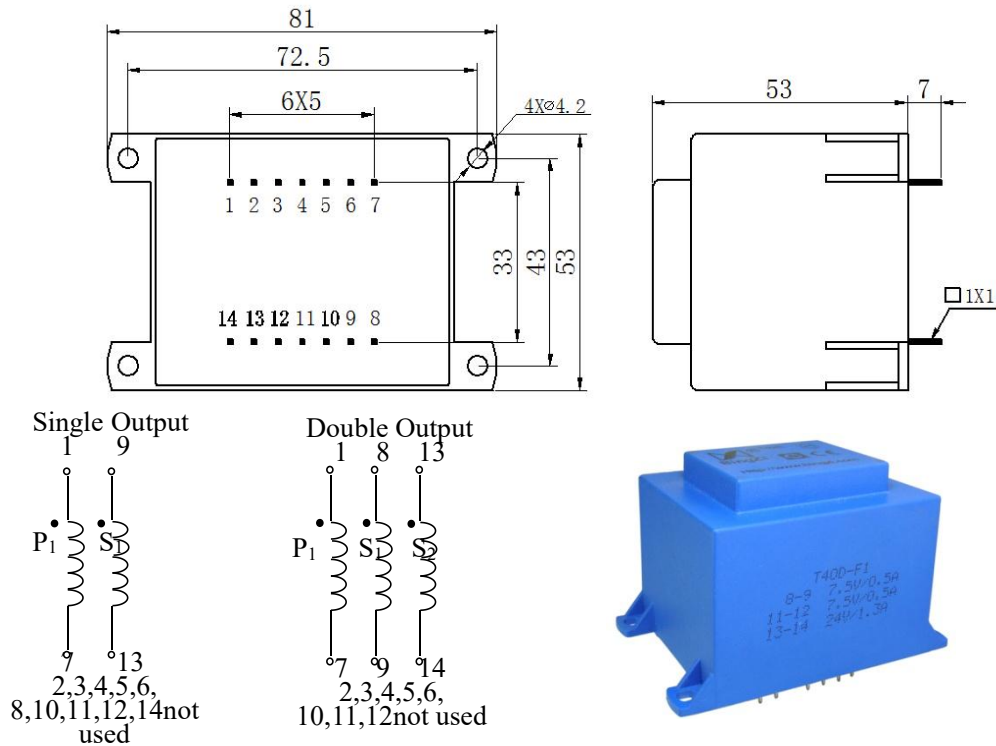
Model	Primary Voltage	Primary Current		Secondary Voltage		Secondary Current (mA)	Equivalent Internal Resistance (Ω)
		Idle	Full Load	Idle	Full Load		
T20-01	Rating 220V Max. 242V Frequency 50Hz	≤45mA	≤106mA	6.5V	6V	3333	0.23
T20-01B				8.1V	7.5V	2667	0.4
T20-02				9.7V	9V	2222	0.5
T20-03				13V	12V	1667	0.9
T20-04				16.2V	15V	1333	1.5
T20-05				19.4V	18V	1111	2
T20-05B				22.7V	21V	952	2.9
T20-06				25.9V	24V	833	3.7
T20-06B				29.1V	27V	741	4.7
T20-07				Rating 220V Max. 242V Frequency 50Hz	≤45mA	≤106mA	2×6.5V
T20-07B	2×8.1V	2×7.5V	2×1333				2×0.7
T20-08	2×9.7V	2×9V	2×1111				2×1
T20-09	2×13V	2×12V	2×833				2×1.9
T20-10	2×16.2V	2×15V	2×667				2×3
T20-11	2×19.4V	2×18V	2×556				2×4
T20-11B	2×22.7V	2×21V	2×476				2×5.7
T20-12	2×25.9V	2×24V	2×417				2×7.5
T20-12B	2×29.1V	2×27V	2×370				2×9.5

31. T20H(20VA) (Tolerance $\pm 0.5\text{mm}$)



Model	Primary Voltage	Primary Current		Secondary Voltage		Secondary Current (mA)	Equivalent Internal Resistance (Ω)
		Idle	Full Load	Idle	Full Load		
T20H-01	Rating 220V Max. 242V Frequency 50Hz	$\leq 40\text{mA}$	$\leq 113\text{mA}$	7.5V	6.0V	3333	0.225
T20H-01B				8.6V	7.5V	2667	0.41
T20H-02				10.4V	9V	2222	0.63
T20H-03				13.9V	12V	1667	1.14
T20H-04				17.3V	15V	1333	1.73
T20H-05				23.6V	18V	1111	5.04
T20H-05B				24.3V	21V	952	3.47
T20H-06				27.6V	24V	833	4.32
T20H-06B				31.3V	27V	741	5.81
T20H-07				Rating 220V Max. 242V Frequency 50Hz	$\leq 40\text{mA}$	$\leq 113\text{mA}$	2×7.0V
T20H-07B	2×8.6V	2×7.5V	2×1333				2×0.85
T20H-08	2×10.2V	2×9V	2×1111				2×1.2
T20H-09	2×13.8V	2×12V	2×833				2×2.1
T20H-10	2×17.3V	2×15V	2×667				2×3.4
T20H-11	2×20.5V	2×18V	2×556				2×4.7
T20H-11B	2×24.3V	2×21V	2×476				2×6.5
T20H-12	2×27.6V	2×24V	2×417				2×8.6
T20H-12B	2×31.3V	2×27V	2×370	2×11.1			

32. T40D(40VA) (Tolerance $\pm 0.5\text{mm}$)



Model	Primary Voltage	Primary Current		Secondary Voltage		Secondary Current (mA)	Equivalent Internal Resistance (Ω)
		Idle	Full Load	Idle	Full Load		
T40D-01	Rating 220V Max. 242V Frequency 50Hz	$\leq 45\text{mA}$	$\leq 200\text{mA}$	6.6V	6V	6667	0.12
T40D-01B				8V	7.5V	5333	0.17
T40D-02				10V	9V	4444	0.27
T40D-03				13.4V	12V	3333	0.45
T40D-04				16.8V	15V	2667	0.74
T40D-05				20V	18V	2222	1.06
T40D-05B				23.6V	21V	1905	1.48
T40D-06				27.2V	24V	1667	2.0
T40D-06B				30.4V	27V	1481	2.57
T40D-07	Rating 220V Max. 242V Frequency 50Hz	$\leq 45\text{mA}$	$\leq 200\text{mA}$	2×6.4V	2×6V	2×3333	2×0.22
T40D-07B				2×8.4V	2×7.5V	2×2667	2×0.37
T40D-08				2×10V	2×9V	2×2222	2×0.53
T40D-09				2×13.4V	2×12V	2×1667	2×0.97
T40D-10				2×17V	2×15V	2×1333	2×1.65
T40D-11				2×20V	2×18V	2×1111	2×2.2
T40D-11B				2×23.6V	2×21V	2×952	2×3.1
T40D-12				2×27.2V	2×24V	2×833	2×4.1
T40D-12B	2×30.4V	2×27V	2×741	2×5.1			