50/60HZ PCB MOUNT TRANSFORMERS – EE RANGE

0.35W EE20-6.1 PE20 SERIES

FEATURES:

- It is miniaturised to be easily PCB mounted.
- It has very high insulation of 4000Vrms Hi-pot.
- It accords with UL94V-0 flammability requirements.
- Heat-resistance reaches 130℃

OPTIONS:

- Packaging unit: 50 pieces
- Bulk packaging is standard
- Custom design available

COMMON APPLICATIONS:

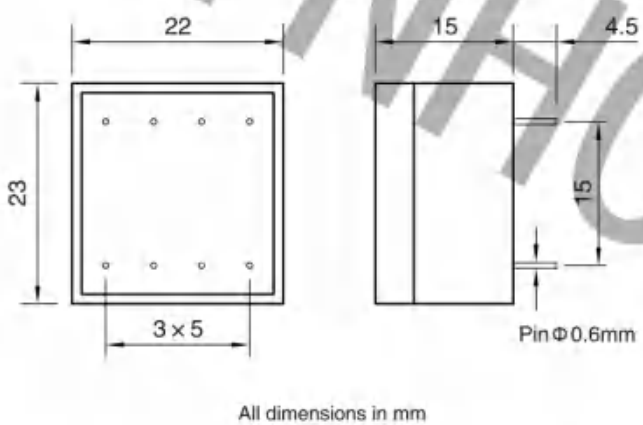
- Medical equipments
- Industrial equipments
- Industrial controls
- Test equipment
- Industrial computers
- Avionics & telecom

ELECTRICAL CHARACTERISTICS (@ 25℃)

Part Number	Primary (V)	Secondary (V/mA)	No-load voltage(V)	Fig.	Part Number	Primary (V)	Secondary (V/mA)	No-load voltage(V)	Fig.
PE200601	230	6 / 58.0	10.80	1	PE200613	115	6 / 58.0	10.80	1
PE200602	230	9 / 39.0	16.50	1	PE200614	115	9 / 39.0	16.50	1
PE200603	230	12 / 29.0	21.90	1	PE200615	115	12 / 29.0	21.90	1
PE200604	230	15 / 23.0	27.00	1	PE200616	115	15 / 23.0	27.00	1
PE200605	230	18 / 19.0	31.50	1	PE200617	115	18 / 19.0	31.50	1
PE200606	230	24 / 14.0	41.70	1	PE200618	115	24 / 14.0	41.70	1
PE200607	230	2×6 / 29.0	2×10.95	2	PE200619	115	2×6 / 29.0	2×10.95	2
PE200608	230	2×9 / 19.0	2×15.60	2	PE200620	115	2×9 / 19.0	2×15.60	2
PE200609	230	2×12 / 14.0	2×20.70	2	PE200621	115	2×12 / 14.0	2×20.70	2
PE200610	230	2×15 / 12.0	2×26.00	2	PE200622	115	2×15 / 12.0	2×26.00	2
PE200611	230	2×18 / 9.5	2×31.20	2	PE200623	115	2×18 / 9.5	2×31.20	2
PE200612	230	2×24 / 7.0	2×41.90	2	PE200624	115	2×24 / 7.0	2×41.90	2

- Frequency 50/60Hz
- Split-bobbin
- Short-circuit-proof
- Potted under vacuum
- Temperature class to 70℃/B
- weight: 0.024kg

PHYSICAL CHARACTERISTICS



All dimensions in mm

TECHNICAL INFORMATION

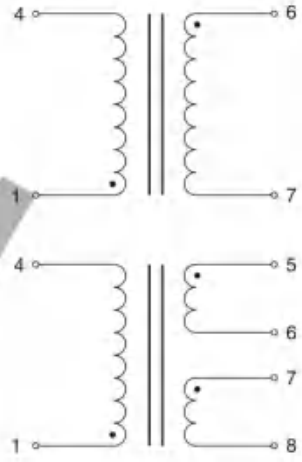


Fig 1

Fig 2

SHINHOM

50/60HZ PCB MOUNT TRANSFORMERS – EE RANGE

0.35W EE20-10 PE20 SERIES

FEATURES:

- It is miniaturised to be easily PCB mounted.
- It has very high insulation of 4000Vrms Hi-pot.
- It accords with UL94V-0 flammability requirements.
- Heat-resistance reaches 130℃

OPTIONS:

- Packaging unit: 50 pieces
- Bulk packaging is standard
- Custom design available

COMMON APPLICATIONS:

- Medical equipments
- Industrial equipments
- Industrial controls
- Test equipment
- Industrial computers
- Avionics & telecom

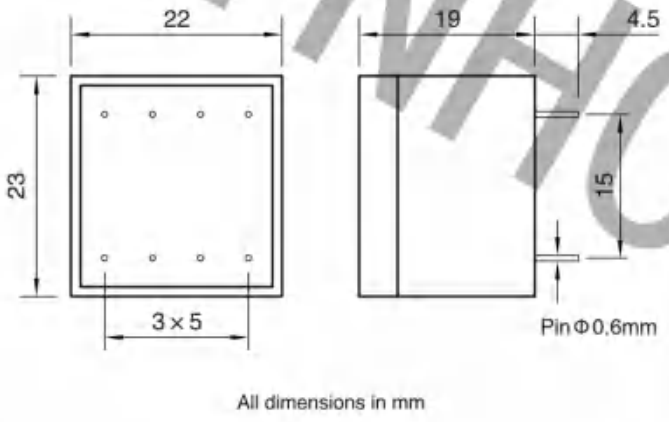
ELECTRICAL CHARACTERISTICS (@ 25℃)

Part Number	Primary (V)	Secondary (V/mA)	No-load voltage(V)	Fig.
PE201011	230	6 / 83.0	8.90	1
PE201012	230	9 / 55.0	13.50	1
PE201013	230	12 / 42.0	19.40	1
PE201014	230	15 / 34.0	24.60	1
PE201015	230	18 / 28.0	29.50	1
PE201016	230	24 / 21.0	39.60	1
PE201017	230	2×6 / 42.0	2×9.60	2
PE201018	230	2×9 / 28.0	2×15.20	2
PE201019	230	2×12 / 21.0	2×19.10	2
PE201010	230	2×15 / 16.0	2×23.30	2
PE201011	230	2×18 / 14.0	2×29.20	2
PE201012	230	2×24 / 10.0	2×38.80	2

Part Number	Primary (V)	Secondary (V/mA)	No-load voltage(V)	Fig.
PE201013	115	6 / 83.0	8.90	1
PE201014	115	9 / 55.0	13.50	1
PE201015	115	12 / 42.0	19.40	1
PE201016	115	15 / 34.0	24.60	1
PE201017	115	18 / 28.0	29.50	1
PE201018	115	24 / 21.0	39.60	1
PE201019	115	2×6 / 42.0	2×9.60	2
PE201010	115	2×9 / 28.0	2×15.20	2
PE201011	115	2×12 / 21.0	2×19.10	2
PE201012	115	2×15 / 16.0	2×23.30	2
PE201013	115	2×18 / 14.0	2×29.20	2
PE201014	115	2×24 / 10.0	2×38.80	2

- Frequency 50/60Hz
- Split-bobbin
- Short-circuit-proof
- Potted under vacuum
- Temperature class to 70℃/B
- weight: 0.035kg

PHYSICAL CHARACTERISTICS



All dimensions in mm

TECHNICAL INFORMATION

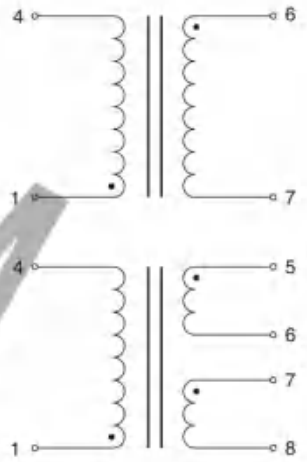


Fig 1

Fig 2

SHINHOM

50/60HZ PCB MOUNT TRANSFORMERS – EI RANGE

0.6W EI 30–5–PE3005 SERIES

FEATURES:

- Vacuum filling
- Two compartments bobbins
- Self–extinguishing plastics UL 94 VO
- Degree of protection IP 00
- 40 grams weight

OPTIONS:

- Bulk packaging is standard
- Custom design available

COMMON APPLICATIONS:

- Medical equipments
- Industrial controls
- Industrial computers
- Industrial equipments
- Test equipment
- Avionics & telecom

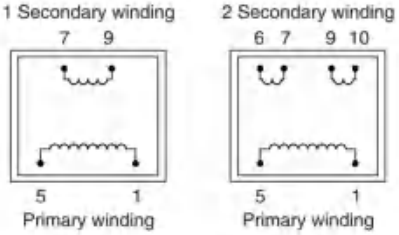
ELECTRICAL CHARACTERISTICS

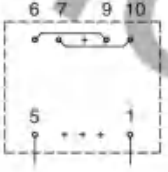
PRIMARY VOLTAGE: 230						PRIMARY VOLTAGE: 115					
Part Number	Secondary voltage V	Secondary Current m A	No–load voltage V	Ambient Temperature ℃	Rating VA	Part Number	Secondary voltage V	Secondary Current m A	No–load voltage V	Ambient Temperature ℃	Rating VA
PE300513	6	100	9.94	T70B	0.6	PE300525	6	100	9.94	T70B	0.6
PE300514	9	66	14.95	T70B	0.6	PE300526	9	66	14.95	T70B	0.6
PE300515	12	50	19.9	T70B	0.6	PE300527	12	50	19.9	T70B	0.6
PE300516	15	40	24.9	T70B	0.6	PE300528	15	40	24.9	T70B	0.6
PE300517	18	33	29.9	T70B	0.6	PE300529	18	33	29.9	T70B	0.6
PE300518	24	25	39.8	T70B	0.6	PE300530	24	25	39.8	T70B	0.6
PE300519	2×6	2×50	2×9.94	T70B	0.6	PE300531	2×6	2×50	2×9.94	T70B	0.6
PE300520	2×9	2×33	2×14.95	T70B	0.6	PE300532	2×9	2×33	2×14.95	T70B	0.6
PE300521	2×12	2×25	2×19.9	T70B	0.6	PE300533	2×12	2×25	2×19.9	T70B	0.6
PE300522*	2×15	2×20	2×24.9	T70B	0.6	PE300534	2×15	2×20	2×24.9	T70B	0.6
PE300523*	2×18	2×17	2×29.9	T70B	0.6	PE300535	2×18	2×17	2×29.9	T70B	0.6
PE300524*	2×24	2×12	2×39.8	T70B	0.6	PE300536	2×24	2×12	2×39.8	T70B	0.6

*Note: non safety transformer approved, conform to EN 61558–2–6 (Isolating transformer).

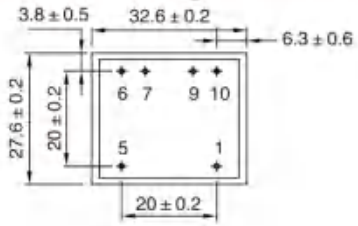
TECHNICAL INFORMATION

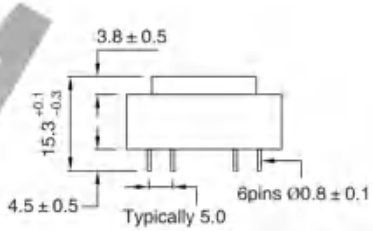
- Resin class B CEI 85 (20000 h testing to CEI 126)
- Inherently short–circuits proof transformer
- UL approved primary versions: 24V, 48V, 240V (production on request)
- Insulation voltage 4 KV
- 100% tested production
- Certification : CCA procedure on request





PHYSICAL CHARACTERISTICS





All dimensions in mm

Recommended Drill–hole Diameter for 1.3mm pins

SHINHOM

50/60HZ PCB MOUNT TRANSFORMERS – EI RANGE

1.5W EI 30–12.5–PE3012 SERIES

FEATURES:

- Vacuum filling
- Two compartments bobbins
- Self–extinguishing plastics UL 94 VO
- Degree of protection IP 00
- 80 grams weight

OPTIONS:

- Bulk packaging is standard
- Custom design available

COMMON APPLICATIONS:

- Medical equipments
- Industrial controls
- Industrial computers
- Industrial equipments
- Test equipment
- Avionics & telecom

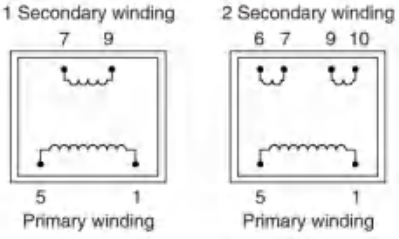
ELECTRICAL CHARACTERISTICS

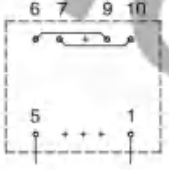
PRIMARY VOLTAGE: 230						PRIMARY VOLTAGE: 115					
Part Number	Secondary voltage V	Secondary Current m A	No–load voltage V	Ambient Temperature ℃	Rating VA	Part Number	Secondary voltage V	Secondary Current m A	No–load voltage V	Ambient Temperature ℃	Rating VA
PE301285	6	250	9.7	T70B	1.5	PE301297	6	250	9.7	T70B	1.5
PE301286	9	167	14.5	T70B	1.5	PE301298	9	167	14.5	T70B	1.5
PE301287	12	125	19.3	T70B	1.5	PE301299	12	125	19.3	T70B	1.5
PE301288	15	100	24.2	T70B	1.5	PE3012100	15	100	24.2	T70B	1.5
PE301289	18	83	29.8	T70B	1.5	PE3012101	18	83	29.8	T70B	1.5
PE301290	24	63	38.6	T70B	1.5	PE3012102	24	63	38.6	T70B	1.5
PE301291	2 × 6	2 × 125	2 × 9.7	T70B	1.5	PE3012103	2 × 6	2 × 125	2 × 9.7	T70B	1.5
PE301292	2 × 9	2 × 83	2 × 15	T70B	1.5	PE3012104	2 × 9	2 × 83	2 × 15	T70B	1.5
PE301293	2 × 12	2 × 63	2 × 19.3	T70B	1.5	PE3012105	2 × 12	2 × 63	2 × 19.3	T70B	1.5
PE301294	2 × 15	2 × 50	2 × 24.2	T70B	1.5	PE3012106	2 × 15	2 × 50	2 × 24.2	T70B	1.5
PE301295*	2 × 18	2 × 42	2 × 29	T70B	1.5	PE3012107	2 × 18	2 × 42	2 × 29	T70B	1.5
PE301296*	2 × 24	2 × 31	2 × 38.6	T70B	1.5	PE3012108	2 × 24	2 × 31	2 × 38.6	T70B	1.5

* To be noted : 2 x 18 V and 2 x 24 non safety transformer approved, conform to EN 61558–2–6 (Isolating transformer).

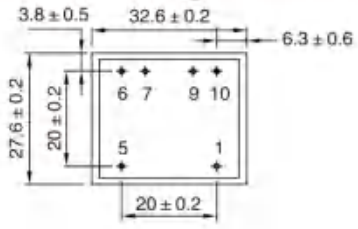
TECHNICAL INFORMATION

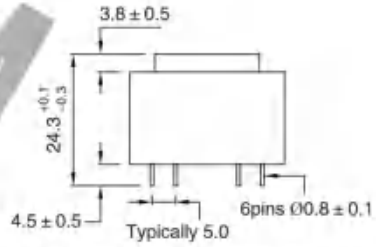
- Resin class B CEI 85 (20 000 h testing to CEI 126)
- Inherently short–circuits proof transformer
- 30 V model is VDE EN 61558–2–6 certified (production on request)
- Insulation voltage 4 KV
- 100% tested production
- Certification : CCA procedure on request





PHYSICAL CHARACTERISTICS





All dimensions in mm

Recommended Drill–hole Diameter for 1.3mm pins

SHINHOM

50/60HZ PCB MOUNT TRANSFORMERS – EI RANGE

1W EI 30–10.5–PE3010 SERIES

FEATURES:

- Vacuum filling
- Two compartments bobbins
- Self–extinguishing plastics UL 94 VO
- Degree of protection IP 00
- 70 grams weight

OPTIONS:

- Bulk packaging is standard
- Custom design available

COMMON APPLICATIONS:

- Medical equipments
- Industrial equipments
- Industrial controls
- Test equipment
- Industrial computers
- Avionics & telecom

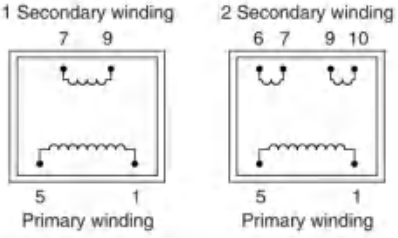
ELECTRICAL CHARACTERISTICS

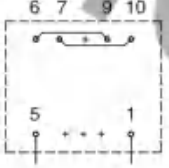
PRIMARY VOLTAGE: 230						PRIMARY VOLTAGE: 115					
Part Number	Secondary voltage V	Secondary Current m A	No–load voltage V	Ambient Temperature ℃	Rating VA	Part Number	Secondary voltage V	Secondary Current m A	No–load voltage V	Ambient Temperature ℃	Rating VA
PE301049	6	167	8.6	T70B	1	PE301061	6	167	8.6	T70B	1
PE301050	9	111	12.9	T70B	1	PE301062	9	111	12.9	T70B	1
PE301051	12	83	17.2	T70B	1	PE301063	12	83	17.2	T70B	1
PE301052	15	67	21.6	T70B	1	PE301064	15	67	21.6	T70B	1
PE301053	18	56	25.9	T70B	1	PE301065	18	56	25.9	T70B	1
PE301054	24	42	37.9	T70B	1	PE301066	24	42	37.9	T70B	1
PE301055	2×6	2×83	2×8.6	T70B	1	PE301067	2×6	2×83	2×8.6	T70B	1
PE301056	2×9	2×56	2×12.9	T70B	1	PE301068	2×9	2×56	2×12.9	T70B	1
PE301057	2×12	2×42	2×19	T70B	1	PE301069	2×12	2×42	2×19	T70B	1
PE301058	2×15	2×33	2×23.6	T70B	1	PE301070	2×15	2×33	2×23.6	T70B	1
PE301059	2×18	2×28	2×24.9	T70B	1	PE301071	2×18	2×28	2×24.9	T70B	1
PE301060*	2×24	2×21	2×37.9	T70B	1	PE301072	2×24	2×21	2×37.9	T70B	1

* To be noted : 2 x 24 V non safety transformer approved, conform to EN 61558–2–6 (Isolating transformer).

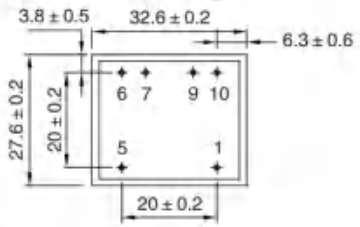
TECHNICAL INFORMATION

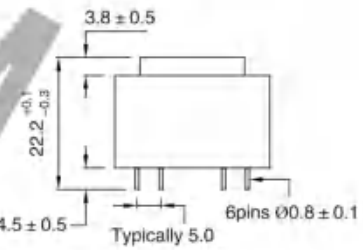
- Resin class B CEI 85 (20 000 h testing to CEI 126)
- Inherently short–circuits proof transformer
- 30 V and 36 V models are VDE EN 61558–2–6 certified (production on request)
- Insulation voltage 4 KV
- 100% tested production
- Certification : CCA procedure on request





PHYSICAL CHARACTERISTICS





All dimensions in mm

Recommended Drill–hole Diameter for 1.3mm pins

SHINHOM

50/60HZ PCB MOUNT TRANSFORMERS – EI RANGE

10W EI 48-16.8-PE4816 SERIES

FEATURES:

- Vacuum filling
- Two compartments bobbins
- Self-extinguishing plastics UL 94 VO
- Degree of protection IP 00
- 300 grams weight

OPTIONS:

- Bulk packaging is standard
- Custom design available

COMMON APPLICATIONS:

- Medical equipments
- Industrial equipments
- Industrial controls
- Test equipment
- Industrial computers
- Avionics & telecom

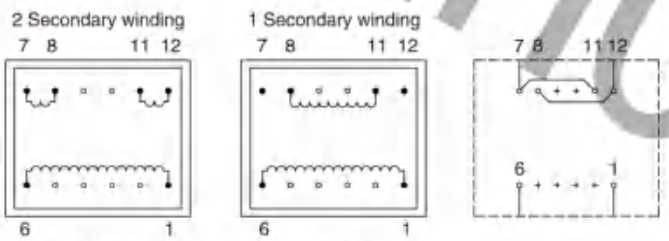
ELECTRICAL CHARACTERISTICS

PRIMARY VOLTAGE: 230						PRIMARY VOLTAGE: 115					
Part Number	Secondary voltage V	Secondary Current m A	No-load voltage V	Ambient Temperature ℃	Rating VA	Part Number	Secondary voltage V	Secondary Current m A	No-load voltage V	Ambient Temperature ℃	Rating VA
PE481665	6	1667	7.2	T50B	10	PE481677	6	1667	7.2	T50B	10
PE481666	9	1111	10.8	T50B	10	PE481678	9	1111	10.8	T50B	10
PE481667	12	833	14.4	T50B	10	PE481679	12	833	14.4	T50B	10
PE481668	15	667	18.1	T50B	10	PE481680	15	667	18.1	T50B	10
PE481669	18	556	21.6	T50B	10	PE481681	18	556	21.6	T50B	10
PE481670	24	417	28.9	T50B	10	PE481682	24	417	28.9	T50B	10
PE481671	2×6	2×833	2×7.2	T50B	10	PE481683	2×6	2×833	2×7.2	T50B	10
PE481672	2×9	2×556	2×10.8	T50B	10	PE481684	2×9	2×556	2×10.8	T50B	10
PE481673	2×12	2×417	2×14.4	T50B	10	PE481685	2×12	2×417	2×14.4	T50B	10
PE481674	2×15	2×333	2×18.1	T50B	10	PE481686	2×15	2×333	2×18.1	T50B	10
PE481675	2×18	2×278	2×21.6	T50B	10	PE481687	2×18	2×278	2×21.6	T50B	10
PE481676*	2×24	2×208	2×28.9	T50B	10	PE481688	2×24	2×208	2×28.9	T50B	10

* To be noted : marked transformers are non-approved.Protection transformers according to EN 60742 circuit isolation transformer.

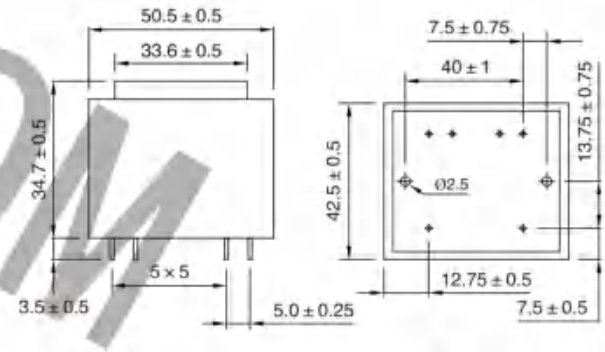
TECHNICAL INFORMATION

- Resin class B CEI 85 (20 000 h testing to CEI 126)
- Fuse protection on primary side (see diagram) to be assumed by customer
- 30 V and 36 V models are VDE EN 60742 certified (production on request)
- Insulation voltage 4 KV
- 100% tested production
- Certification : CCA procedure on request



PHYSICAL CHARACTERISTICS

All dimensions in mm



Recommended Drill-hole Diameter for 1.3mm pins
Recommended Drill-hole Diameter for Mountings=4mm

SHINHOM

50/60HZ PCB MOUNT TRANSFORMERS – EI RANGE

16W EI 54–18.8–PE5418 SERIES

FEATURES:

- Vacuum filling
- Two compartments bobbins
- Self–extinguishing plastics UL 94 VO
- Degree of protection IP 00
- 400 grams weight

OPTIONS:

- Bulk packaging is standard
- Custom design available

COMMON APPLICATIONS:

- Medical equipments
- Industrial controls
- Industrial computers
- Industrial equipments
- Test equipment
- Avionics & telecom

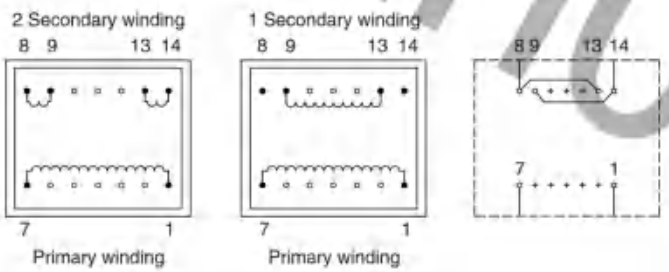
ELECTRICAL CHARACTERISTICS

PRIMARY VOLTAGE: 230						PRIMARY VOLTAGE: 115					
Part Number	Secondary voltage V	Secondary Current m A	No–load voltage V	Ambient Temperature ℃	Rating VA	Part Number	Secondary voltage V	Secondary Current m A	No–load voltage V	Ambient Temperature ℃	Rating VA
PE541801	6	2667	7.4	T50B	16	PE541813	6	2667	7.4	T50B	16
PE541802	9	1778	11.1	T50B	16	PE541814	9	1778	11.1	T50B	16
PE541803	12	1333	14.7	T50B	16	PE541815	12	1333	14.7	T50B	16
PE541804	15	1067	18.4	T50B	16	PE541816	15	1067	18.4	T50B	16
PE541805	18	889	22.1	T50B	16	PE541817	18	889	22.1	T50B	16
PE541806	24	667	29.3	T50B	16	PE541818	24	667	29.3	T50B	16
PE541807	2×6	2×1333	2×7.4	T50B	16	PE541819	2×6	2×1333	2×7.4	T50B	16
PE541808	2×9	2×889	2×11.1	T50B	16	PE541820	2×9	2×889	2×11.1	T50B	16
PE541809	2×12	2×667	2×14.7	T50B	16	PE541821	2×12	2×667	2×14.7	T50B	16
PE541810	2×15	2×533	2×18.4	T50B	16	PE541822	2×15	2×533	2×18.4	T50B	16
PE541811	2×18	2×444	2×22	T50B	16	PE541823	2×18	2×444	2×22	T50B	16
PE541812*	2×24	2×333	2×29.3	T50B	16	PE541824	2×24	2×333	2×29.3	T50B	16

* To be noted : 2 x 24 V non safety transformer approved, conform to EN 61558–2–6 (Isolating transformer).

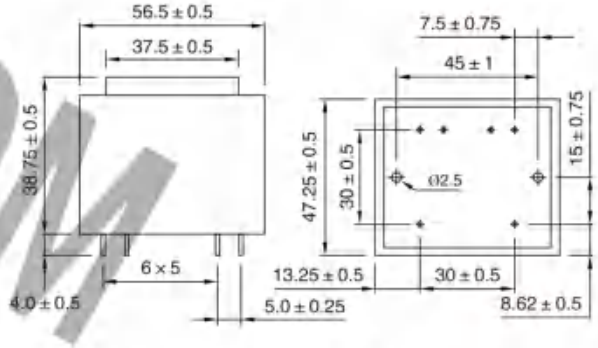
TECHNICAL INFORMATION

- Resin class B CEI 85 (20 000 h testing to CEI 126)
- Fuse protection on secondary side (see diagram) to be assumed by customer
- 30 V and 36 V models are VDE EN 61558–2–6 certified (production on request)
- Insulation voltage 4 KV
- 100% tested production
- Certification : CCA procedure on request



PHYSICAL CHARACTERISTICS

All dimensions in mm



Recommended Drill–hole Diameter for 1.3mm pins
Recommended Drill–hole Diameter for Mountings=4mm

SHINHOM SHINHOM SHINHOM

50/60HZ PCB MOUNT TRANSFORMERS – EI RANGE

2.3W EI 30–18–PE3018 SERIES

FEATURES:

- Vacuum filling
- Two compartments bobbins
- Self–extinguishing plastics UL 94 VO
- Degree of protection IP 00
- 80 grams weight

OPTIONS:

- Bulk packaging is standard
- Custom design available

COMMON APPLICATIONS:

- Medical equipments
- Industrial controls
- Industrial computers
- Industrial equipments
- Test equipment
- Avionics & telecom

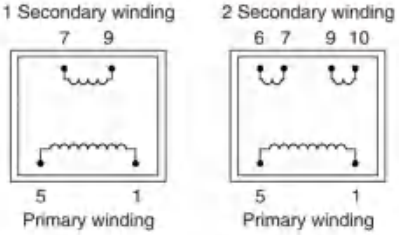
ELECTRICAL CHARACTERISTICS

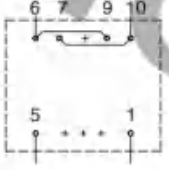
PRIMARY VOLTAGE: 230						PRIMARY VOLTAGE: 115					
Part Number	Secondary voltage V	Secondary Current m A	No–load voltage V	Ambient Temperature ℃	Rating VA	Part Number	Secondary voltage V	Secondary Current m A	No–load voltage V	Ambient Temperature ℃	Rating VA
PE301857	6	383	10.5	T70B	2.3	PE301869	6	383	10.5	T70B	2.3
PE301858	9	256	15.7	T70B	2.3	PE301870	9	256	15.7	T70B	2.3
PE301859	12	192	21	T70B	2.3	PE301871	12	192	21	T70B	2.3
PE301860	15	153	25.9	T70B	2.3	PE301872	15	153	25.9	T70B	2.3
PE301861	18	128	31.4	T70B	2.3	PE301873	18	128	31.4	T70B	2.3
PE301862	24	96	41.9	T70B	2.3	PE301874	24	96	41.9	T70B	2.3
PE301863	2×6	2×192	2×10.5	T70B	2.3	PE301875	2×6	2×192	2×10.5	T70B	2.3
PE301864	2×9	2×128	2×15.7	T70B	2.3	PE301876	2×9	2×128	2×15.7	T70B	2.3
PE301865	2×12	2×96	2×21	T70B	2.3	PE301877	2×12	2×96	2×21	T70B	2.3
PE301866	2×15	2×77	2×25.9	T70B	2.3	PE301878	2×15	2×77	2×25.9	T70B	2.3
PE301867*	2×18	2×64	2×31.4	T70B	2.3	PE301879	2×18	2×64	2×31.4	T70B	2.3
PE301868*	2×24	2×48	2×41.9	T70B	2.3	PE301880	2×24	2×48	2×41.9	T70B	2.3

*To be noted : 2 x 18 V and 2 x 24 non safety transformer approved, conform to EN 61558–2–6 (Isolating transformer).

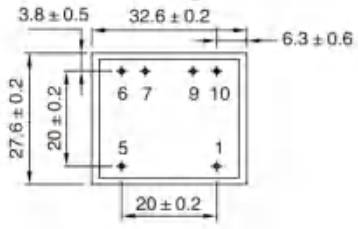
TECHNICAL INFORMATION

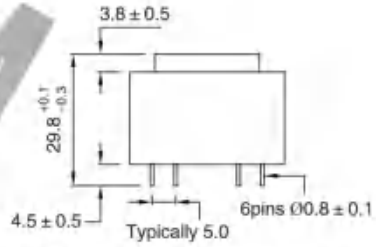
- Resin class B CEI 85 (20 000 h testing to CEI 126)
- Inherently short–circuits proof transformer
- 30 V model is VDE EN 61558–2–6 certified (production on request)
- Insulation voltage 4 KV
- 100% tested production
- Certification : CCA procedure on request





PHYSICAL CHARACTERISTICS





All dimensions in mm

Recommended Drill–hole Diameter for 1.3mm pins

SHINHOM

50/60HZ PCB MOUNT TRANSFORMERS – EI RANGE

2W EI 30–15.5–PE3015 SERIES

FEATURES:

- Vacuum filling
- Two compartments bobbins
- Self–extinguishing plastics UL 94 VO
- Degree of protection IP 00
- 100 grams weight

OPTIONS:

- Bulk packaging is standard
- Custom design available

COMMON APPLICATIONS:

- Medical equipments
- Industrial equipments
- Industrial controls
- Test equipment
- Industrial computers
- Avionics & telecom

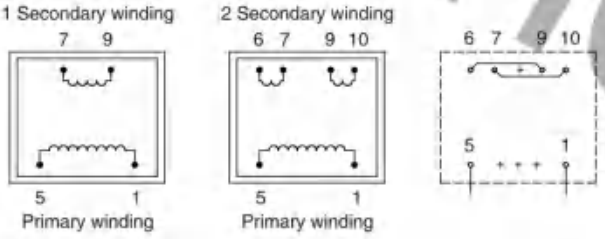
ELECTRICAL CHARACTERISTICS

PRIMARY VOLTAGE: 230						PRIMARY VOLTAGE: 115					
Part Number	Secondary voltage V	Secondary Current m A	No–load voltage V	Ambient Temperature ℃	Rating VA	Part Number	Secondary voltage V	Secondary Current m A	No–load voltage V	Ambient Temperature ℃	Rating VA
PE301521	6	333	10.4	T70B	2	PE301533	6	333	10.4	T70B	2
PE301522	9	222	15.5	T70B	2	PE301534	9	222	15.5	T70B	2
PE301523	12	167	20.7	T70B	2	PE301535	12	167	20.7	T70B	2
PE301524	15	133	25.8	T70B	2	PE301536	15	133	25.8	T70B	2
PE301525	18	111	30.8	T70B	2	PE301537	18	111	30.8	T70B	2
PE301526	24	83	41.4	T70B	2	PE301538	24	83	41.4	T70B	2
PE301527	2×6	2×167	2×10.4	T70B	2	PE301539	2×6	2×167	2×10.4	T70B	2
PE301528	2×9	2×111	2×15.4	T70B	2	PE301540	2×9	2×111	2×15.4	T70B	2
PE301529	2×12	2×83	2×20.7	T70B	2	PE301541	2×12	2×83	2×20.7	T70B	2
PE301530	2×15	2×67	2×25.8	T70B	2	PE301542	2×15	2×67	2×25.8	T70B	2
PE301531*	2×18	2×56	2×30.8	T70B	2	PE301543	2×18	2×56	2×30.8	T70B	2
PE301532*	2×24	2×42	2×41.4	T70B	2	PE301544	2×24	2×42	2×41.4	T70B	2

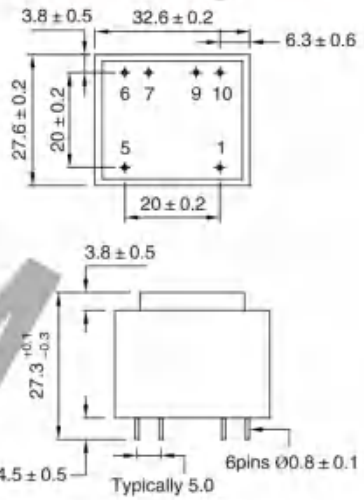
* To be noted : 2 x 18 V and 2 x 24 non safety transformer approved, conform to EN 61558–2–6 (Isolating transformer).

TECHNICAL INFORMATION

- Resin class B CEI 85 (20 000 h testing to CEI 126)
- Inherently short–circuits proof transformer
- 30 V model is VDE EN 61558–2–6 certified (production on request)
- Insulation voltage 4 KV
- 100% tested production
- Certification : CCA procedure on request



PHYSICAL CHARACTERISTICS



All dimensions in mm

Recommended Drill–hole Diameter for 1.3mm pins

SHINHOM

50/60HZ PCB MOUNT TRANSFORMERS – EI RANGE

22W EI 60-21-PE6021 SERIES

FEATURES:

- Vacuum filling
- Two compartments bobbins
- Self-extinguishing plastics UL 94 VO
- Degree of protection IP 00
- 550 grams weight

OPTIONS:

- Bulk packaging is standard
- Custom design available

COMMON APPLICATIONS:

- Medical equipments
- Industrial equipments
- Industrial controls
- Test equipment
- Industrial computers
- Avionics & telecom

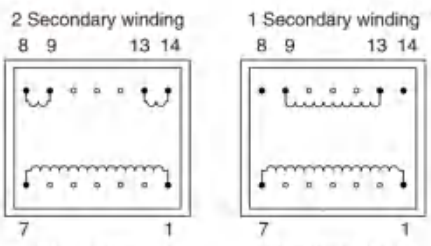
ELECTRICAL CHARACTERISTICS

PRIMARY VOLTAGE: 230						PRIMARY VOLTAGE: 115					
Part Number	Secondary voltage V	Secondary Current m A	No-load voltage V	Ambient Temperature °C	Rating VA	Part Number	Secondary voltage V	Secondary Current m A	No-load voltage V	Ambient Temperature °C	Rating VA
PE602132	6	3667	6.8	T50B	22	PE602144	6	3667	6.8	T50B	22
PE602133	9	2444	10.3	T50B	22	PE602145	9	2444	10.3	T50B	22
PE602134	12	1833	13.7	T50B	22	PE602146	12	1833	13.7	T50B	22
PE602135	15	1467	17.1	T50B	22	PE602147	15	1467	17.1	T50B	22
PE602136	18	1222	20.5	T50B	22	PE602148	18	1222	20.5	T50B	22
PE602137	24	917	27.3	T50B	22	PE602149	24	917	27.3	T50B	22
PE602138	2 × 6	2 × 1833	2 × 6.8	T50B	22	PE602150	2 × 6	2 × 1833	2 × 6.8	T50B	22
PE602139	2 × 9	2 × 1222	2 × 10.3	T50B	22	PE602151	2 × 9	2 × 1222	2 × 10.3	T50B	22
PE602140	2 × 12	2 × 917	2 × 13.7	T50B	22	PE602152	2 × 12	2 × 917	2 × 13.7	T50B	22
PE602141	2 × 15	2 × 733	2 × 17.1	T50B	22	PE602153	2 × 15	2 × 733	2 × 17.1	T50B	22
PE602142	2 × 18	2 × 611	2 × 20.5	T50B	22	PE602154	2 × 18	2 × 611	2 × 20.5	T50B	22
PE602143*	2 × 24	2 × 458	2 × 27.3	T50B	22	PE602155	2 × 24	2 × 458	2 × 27.3	T50B	22

* To be noted : 2 x 24 V non safety transformer approved, conform to EN 61558-2-6 (Isolating transformer).

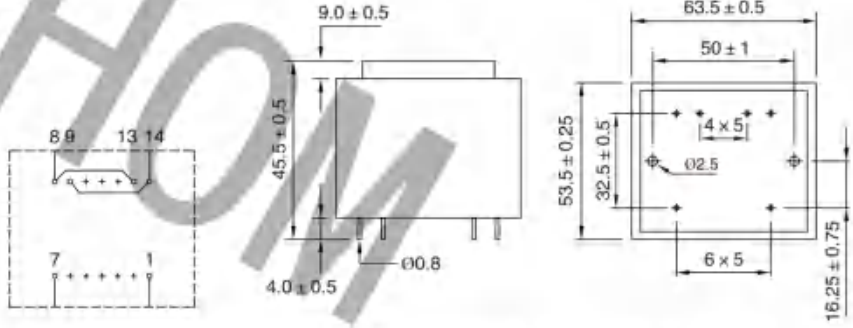
TECHNICAL INFORMATION

- Resin class B CEI 85 (20 000 h testing to CEI 126)
- Fuse protection on primary side (see diagram) to be assumed by customer
- 30 V and 36 V models are VDE EN 61558-2-6 certified (production on request)
- Insulation voltage 4 KV (6 KV MYRRA test)
- 100% tested production
- Certification : CCA procedure on request



PHYSICAL CHARACTERISTICS

All dimensions in mm



Recommended Drill-hole Diameter for 1.3mm pins
Recommended Drill-hole Diameter for Mountings=4mm

SHINHOM ELECTRONICS ENTERPRISE CO.,LTD. No.100YanTa Northern Road Zip:710054 Tel:0086-29-87851838 Fax:0086-29-87851840

50/60HZ PCB MOUNT TRANSFORMERS – EI RANGE

3.2W EI 38–13.6–PE3813 SERIES

FEATURES:

- Vacuum filling
- Two compartments bobbins
- Self–extinguishing plastics UL 94 VO
- Degree of protection IP 00
- 150 grams weight

OPTIONS:

- Bulk packaging is standard
- Custom design available

COMMON APPLICATIONS:

- Medical equipments
- Industrial equipments
- Industrial controls
- Test equipment
- Industrial computers
- Avionics & telecom

ELECTRICAL CHARACTERISTICS

PRIMARY VOLTAGE: 230						PRIMARY VOLTAGE: 115					
Part Number	Secondary voltage V	Secondary Current m A	No–load voltage V	Ambient Temperature °C	Rating VA	Part Number	Secondary voltage V	Secondary Current m A	No–load voltage V	Ambient Temperature °C	Rating VA
PE381393	6	533	8	T70B	3.2	PE381305	6	533	8	T70B	3.2
PE381394	9	356	12	T70B	3.2	PE381306	9	356	12	T70B	3.2
PE381395	12	267	16	T70B	3.2	PE381307	12	267	16	T70B	3.2
PE381396	15	213	20	T70B	3.2	PE381308	15	213	20	T70B	3.2
PE381397	18	178	24.1	T70B	3.2	PE381309	18	178	24.1	T70B	3.2
PE381398	24	133	32.1	T70B	3.2	PE381310	24	133	32.1	T70B	3.2
PE381399	2×6	2×267	2×8	T70B	3.2	PE381311	2×6	2×267	2×8	T70B	3.2
PE381300	2×9	2×178	2×12	T70B	3.2	PE381312	2×9	2×178	2×12	T70B	3.2
PE381301	2×12	2×133	2×16	T70B	3.2	PE381313	2×12	2×133	2×16	T70B	3.2
PE381302	2×15	2×107	2×20	T70B	3.2	PE381314	2×15	2×107	2×20	T70B	3.2
PE381303	2×18	2×89	2×24	T70B	3.2	PE381315	2×18	2×89	2×24	T70B	3.2
PE381304*	2×24	2×67	2×32.1	T70B	3.2	PE381316	2×24	2×67	2×32.1	T70B	3.2

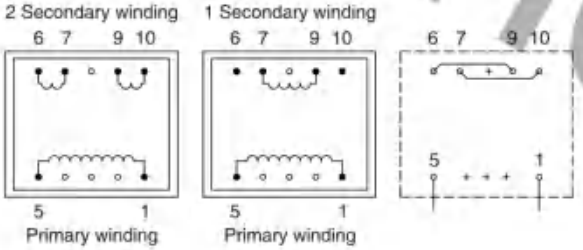
* To be noted : 2 x 24 V non safety transformer approved,conform to EN 61558–2–6 (Isolating transformer).

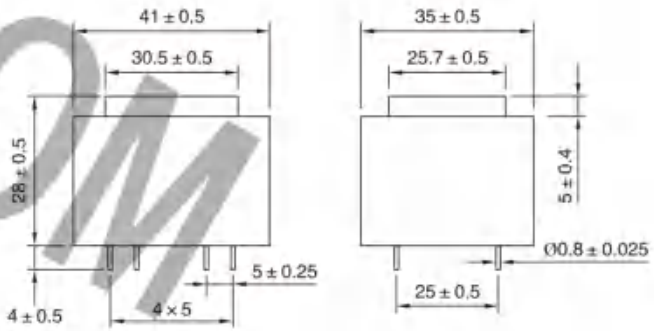
TECHNICAL INFORMATION

- Resin class B CEI 85 (20 000 h testing to CEI 126)
- Fuse protection on secondary side (see diagram) to be assumed by customer
- 30 V and 36 V models are VDE EN 61558–2–6 certified (production on request)
- Insulation voltage 4 KV
- 100% tested production
- Certification : CCA procedure on request

PHYSICAL CHARACTERISTICS

All dimensions in mm





Recommended Drill–hole Diameter for 1.3mm pins

SHINHOM

50/60HZ PCB MOUNT TRANSFORMERS – EI RANGE

30W EI 66–23–PE6623 SERIES

FEATURES:

- Vacuum filling
- Two compartments bobbins
- Self–extinguishing plastics UL 94 VO
- Degree of protection IP 00
- 700 grams weight

OPTIONS:

- Bulk packaging is standard
- Custom design available

COMMON APPLICATIONS:

- Medical equipments
- Industrial controls
- Industrial computers
- Industrial equipments
- Test equipment
- Avionics & telecom

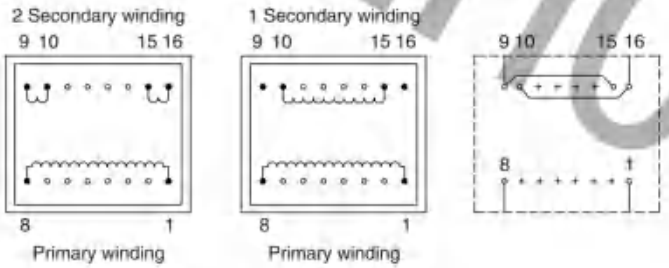
ELECTRICAL CHARACTERISTICS

PRIMARY VOLTAGE: 230						PRIMARY VOLTAGE: 115					
Part Number	Secondary voltage V	Secondary Current m A	No–load voltage V	Ambient Temperature ℃	Rating VA	Part Number	Secondary voltage V	Secondary Current m A	No–load voltage V	Ambient Temperature ℃	Rating VA
PE662373	6	5000	6.9	T50B	30	PE662385	6	5000	6.9	T50B	30
PE662374	9	333	10.3	T50B	30	PE662386	9	333	10.3	T50B	30
PE662375	12	2500	13.8	T50B	30	PE662387	12	2500	13.8	T50B	30
PE662376	15	2000	17.2	T50B	30	PE662388	15	2000	17.2	T50B	30
PE662377	18	1667	20.8	T50B	30	PE662389	18	1667	20.8	T50B	30
PE662378	24	1250	27.7	T50B	30	PE662390	24	1250	27.7	T50B	30
PE662379	2×6	2×2500	2×6.9	T50B	30	PE662391	2×6	2×2500	2×6.9	T50B	30
PE662380	2×9	2×1667	2×10.3	T50B	30	PE662392	2×9	2×1667	2×10.3	T50B	30
PE662381	2×12	2×1250	2×13.8	T50B	30	PE662393	2×12	2×1250	2×13.8	T50B	30
PE662382	2×15	2×1000	2×17.2	T50B	30	PE662394	2×15	2×1000	2×17.2	T50B	30
PE662383	2×18	2×833	2×20.8	T50B	30	PE662395	2×18	2×833	2×20.8	T50B	30
PE662384*	2×24	2×625	2×27.7	T50B	30	PE662396	2×24	2×625	2×27.7	T50B	30

* To be noted : 2 x 24 V non safety transformer approved, conform to EN 61558–2–6 (Isolating transformer).

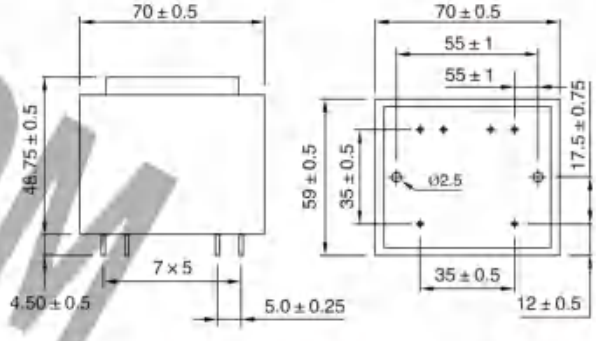
TECHNICAL INFORMATION

- Resin class B CEI 85 (20 000 h testing to CEI 126)
- Fuse protection on primary side (see diagram) to be assumed by customer
- 30 V and 36 V models are VDE EN 61558–2–6 certified (production on request)
- Insulation voltage 4 KV
- 100% tested production
- Certification : CCA procedure on request



PHYSICAL CHARACTERISTICS

All dimensions in mm



Recommended Drill–hole Diameter for 1.3mm pins
Recommended Drill–hole Diameter for Mountings=4mm

SHINHOM

50/60HZ PCB MOUNT TRANSFORMERS – EI RANGE

5W EI 42–14.8–PE4214 SERIES

FEATURES:

- Vacuum filling
- Two compartments bobbins
- Self–extinguishing plastics UL 94 VO
- Degree of protection IP 00
- 200 grams weight

OPTIONS:

- Bulk packaging is standard
- Custom design available

COMMON APPLICATIONS:

- Medical equipments
- Industrial controls
- Industrial computers
- Industrial equipments
- Test equipment
- Avionics & telecom

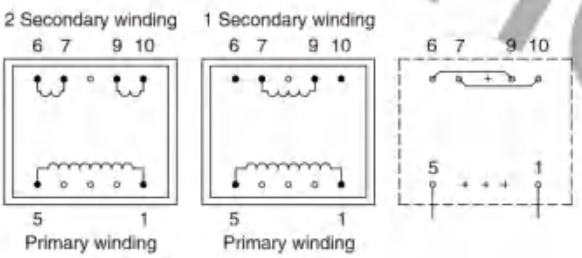
ELECTRICAL CHARACTERISTICS

PRIMARY VOLTAGE: 230						PRIMARY VOLTAGE: 115					
Part Number	Secondary voltage V	Secondary Current m A	No–load voltage V	Ambient Temperature ℃	Rating VA	Part Number	Secondary voltage V	Secondary Current m A	No–load voltage V	Ambient Temperature ℃	Rating VA
PE421429	6	833	8.4	T50B	5	PE421441	6	833	8.4	T50B	5
PE421430	9	556	12.6	T50B	5	PE421442	9	556	12.6	T50B	5
PE421431	12	417	16.9	T50B	5	PE421443	12	417	16.9	T50B	5
PE421432	15	333	21	T50B	5	PE421444	15	333	21	T50B	5
PE421433	18	278	25.3	T50B	5	PE421445	18	278	25.3	T50B	5
PE421434	24	208	33.7	T50B	5	PE421446	24	208	33.7	T50B	5
PE421435	2×6	2×417	2×8.4	T50B	5	PE421447	2×6	2×417	2×8.4	T50B	5
PE421436	2×9	2×278	2×12.6	T50B	5	PE421448	2×9	2×278	2×12.6	T50B	5
PE421437	2×12	2×208	2×16.9	T50B	5	PE421449	2×12	2×208	2×16.9	T50B	5
PE421438	2×15	2×167	2×21	T50B	5	PE421450	2×15	2×167	2×21	T50B	5
PE421439	2×18	2×139	2×25.3	T50B	5	PE421451	2×18	2×139	2×25.3	T50B	5
PE421440*	2×24	2×104	2×33.7	T50B	5	PE421452	2×24	2×104	2×33.7	T50B	5

* To be noted : 2 x 24 V non safety transformer approved, conform to EN 61558–2–6 (Isolating transformer).

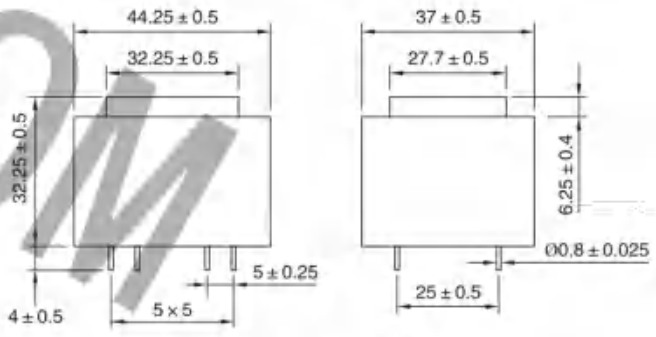
TECHNICAL INFORMATION

- Resin class B CEI 85 (20 000 h testing to CEI 126)
- Fuse protection on secondary side (see diagram) to be assumed by customer
- 30 V and 36 V models are VDE EN 61558–2–6 certified (production on request)
- Insulation voltage 4 KV
- 100% tested production
- Certification : CCA procedure on request



PHYSICAL CHARACTERISTICS

All dimensions in mm



Recommended Drill–hole Diameter for 1.3mm pins

SHINHOM

PCB MOUNT TOROIDAL ENCAPSULATED TRANSFORMER

1.6W PETT SERIES

FEATURES:

- Low profile; High efficiency
- Fully encapsulated; magnetically shielded
- Low standby current
- Safety approved–UL506,UL5085–1&2; UL6500/UL60065

COMMON APPLICATIONS:

- Medical equipment
- Test equipment
- Media & high–end audio equipment
- Broadcast sound systems and other various devices

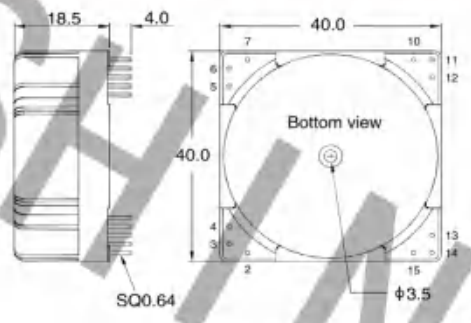
ELECTRICAL CHARACTERISTICS (@ 25℃)

Part No.	Power VA	Series		Parallel	
		Output Voltage(V)	Output Current(mA)	Output Voltage(V)	Output Current(mA)
PETT016012	1.6	12	133	6	266
PETT016014	1.6	14	114	7	228
PETT016018	1.6	18	89	9	178
PETT016024	1.6	24	67	12	134
PETT016030	1.6	30	53	15	106
PETT016036	1.6	36	44	18	88
PETT016044	1.6	44	36	22	72
PETT016048	1.6	48	33	24	66

Dual Primary
115V, 60Hz (Pin3 – Pin6) (Pins3, 5 short; Pins 4, 6 short)
230V 50Hz (Pin3 –Pin6) (Pins 4, 5 short)

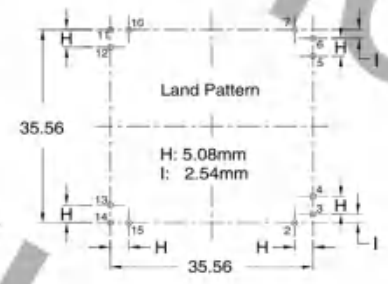
Dual Secondary
In Series (Pin11 –Pin14) (Pins12, 13 short)
In Parallel (Pin11 –Pin14) (Pins11,13 short;Pins12,14 short)

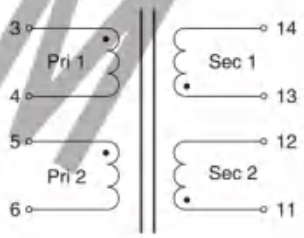
PHYSICAL CHARACTERISTICS



All dimensions in mm

TECHNICAL INFORMATION





- Primary: Dual primary (115V/230V 50/60Hz)
- Secondary: Series or parallel
- High ambient operating temperature: +60℃ max
- Insulation Class: Class F (155℃)
- Dielectric Strength: 4000Vrms
- Operating temperature: –40℃ to +120℃
- Storage temperature: –40℃ to +105℃
- Blind center hole
- Unused pins are omitted for standard parts. Unused pins can be provided on request.

SHINHOM

PCB MOUNT TOROIDAL ENCAPSULATED TRANSFORMER

3.2W PETT SERIES

FEATURES:

- Low profile; High efficiency
- Fully encapsulated; magnetically shielded
- Low standby current
- Safety approved–UL506,UL5085–1&2; UL6500/UL60065

COMMON APPLICATIONS:

- Medical equipment
- Test equipment
- Media & high–end audio equipment
- Broadcast sound systems and other various devices

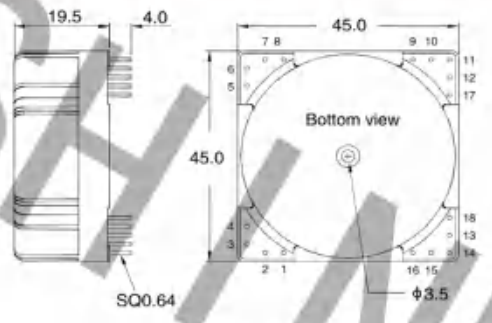
ELECTRICAL CHARACTERISTICS (@ 25℃)

Part No.	Power VA	Series		Parallel	
		Output Voltage(V)	Output Current(mA)	Output Voltage(V)	Output Current(mA)
PETT032012	3.2	12	266	6	532
PETT032014	3.2	14	229	7	458
PETT032018	3.2	18	178	9	356
PETT032024	3.2	24	133	12	266
PETT032030	3.2	30	107	15	214
PETT032036	3.2	36	89	18	178
PETT032044	3.2	44	73	22	146
PETT032048	3.2	48	66	24	132

Dual Primary
115V, 60Hz (Pin3 – Pin6) (Pins3, 5 short; Pins 4, 6 short)
230V 50Hz (Pin3 –Pin6) (Pins 4, 5 short)

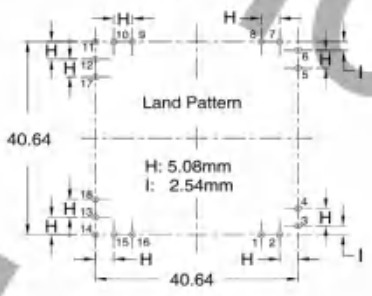
Dual Secondary
In Series (Pin11 –Pin14) (Pins12, 13 short)
In Parallel (Pin11 –Pin14) (Pins11,13 short;Pins12,14 short)

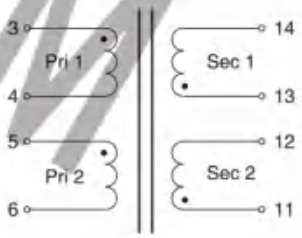
PHYSICAL CHARACTERISTICS



All dimensions in mm

TECHNICAL INFORMATION





- Primary: Dual primary (115V/230V 50/60Hz)
- Secondary: Series or parallel
- High ambient operating temperature: +60℃ max
- Insulation Class: Class F (155℃)
- Dielectric Strength: 4000Vrms
- Operating temperature: –40℃ to +120℃
- Storage temperature: –40℃ to +105℃
- Blind center hole
- Unused pins are omitted for standard parts. Unused pins can be provided on request.

SHINHOM

PCB MOUNT TOROIDAL ENCAPSULATED TRANSFORMER

5W PETT SERIES

FEATURES:

- Low profile; High efficiency
- Fully encapsulated; magnetically shielded
- Low standby current
- Safety approved–UL506,UL5085–1&2; UL6500/UL60065

COMMON APPLICATIONS:

- Medical equipment
- Test equipment
- Media & high–end audio equipment
- Broadcast sound systems and other various devices

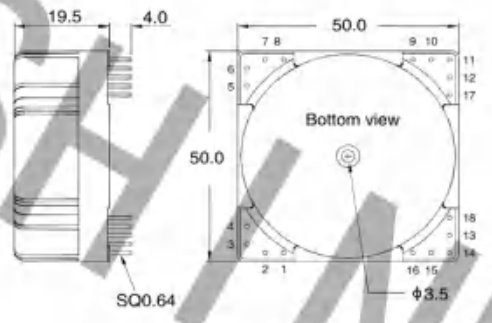
ELECTRICAL CHARACTERISTICS (@ 25℃)

Part No.	Power VA	Series		Parallel	
		Output Voltage(V)	Output Current(mA)	Output Voltage(V)	Output Current(mA)
PETT050012	5.0	12	416	6	832
PETT050014	5.0	14	357	7	714
PETT050018	5.0	18	278	9	556
PETT050024	5.0	24	208	12	416
PETT050030	5.0	30	167	15	334
PETT050036	5.0	36	139	18	278
PETT050044	5.0	44	114	22	228
PETT050048	5.0	48	104	24	208

Dual Primary
115V, 60Hz (Pin3 – Pin6) (Pins3, 5 short; Pins 4, 6 short)
230V 50Hz (Pin3 –Pin6) (Pins 4, 5 short)

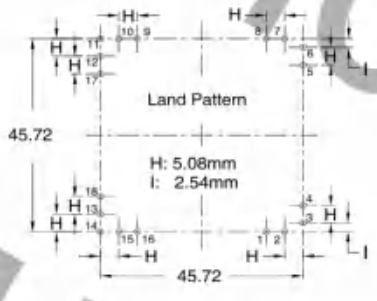
Dual Secondary
In Series (Pin11 –Pin14) (Pins12, 13 short)
In Parallel (Pin11 –Pin14) (Pins11,13 short;Pins12,14 short)

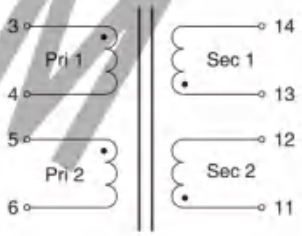
PHYSICAL CHARACTERISTICS



All dimensions in mm

TECHNICAL INFORMATION





- Primary: Dual primary (115V/230V 50/60Hz)
- Secondary: Series or parallel
- High ambient operating temperature: +60℃ max
- Insulation Class: Class F (155℃)
- Dielectric Strength: 4000Vrms
- Operating temperature: –40℃ to +120℃
- Storage temperature: –40℃ to +105℃
- Blind center hole
- Unused pins are omitted for standard parts. Unused pins can be provided on request.

SHINHOM

PCB MOUNT TOROIDAL ENCAPSULATED TRANSFORMER

7W PETT SERIES

FEATURES:

- Low profile; High efficiency
- Fully encapsulated; magnetically shielded
- Low standby current
- Safety approved–UL506,UL5085–1&2; UL6500/UL60065

COMMON APPLICATIONS:

- Medical equipment
- Test equipment
- Media & high–end audio equipment
- Broadcast sound systems and other various devices

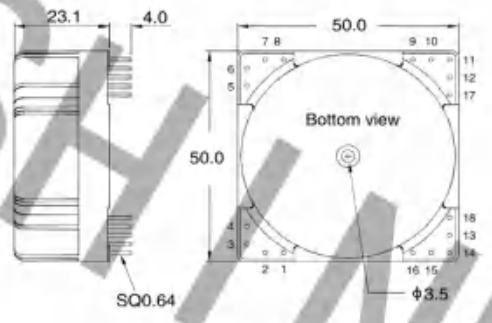
ELECTRICAL CHARACTERISTICS (@ 25℃)

Part No.	Power VA	Series		Parallel	
		Output Voltage(V)	Output Current(mA)	Output Voltage(V)	Output Current(mA)
PETT070012	7.0	12	583	6	1166
PETT070014	7.0	14	500	7	1000
PETT070018	7.0	18	389	9	778
PETT070024	7.0	24	292	12	584
PETT070030	7.0	30	233	15	466
PETT070036	7.0	36	194	18	388
PETT070044	7.0	44	159	22	318
PETT070048	7.0	48	145	24	290

Dual Primary
115V, 60Hz (Pin3 – Pin6) (Pins3, 5 short; Pins 4, 6 short)
230V 50Hz (Pin3 –Pin6) (Pins 4, 5 short)

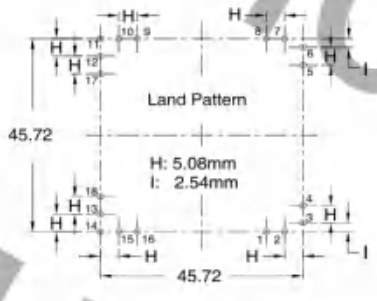
Dual Secondary
In Series (Pin11 –Pin14) (Pins12, 13 short)
In Parallel (Pin11 –Pin14) (Pins11,13 short;Pins12,14 short)

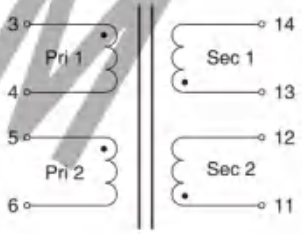
PHYSICAL CHARACTERISTICS



All dimensions in mm

TECHNICAL INFORMATION





- Primary: Dual primary (115V/230V 50/60Hz)
- Secondary: Series or parallel
- High ambient operating temperature: +60℃ max
- Insulation Class: Class F (155℃)
- Dielectric Strength: 4000Vrms
- Operating temperature: –40℃ to +120℃
- Storage temperature: –40℃ to +105℃
- Blind center hole
- Unused pins are omitted for standard parts. Unused pins can be provided on request.

SHINHOM

PCB MOUNT TOROIDAL ENCAPSULATED TRANSFORMER

10W PETT SERIES

FEATURES:

- Low profile; High efficiency
- Fully encapsulated; magnetically shielded
- Low standby current
- Safety approved–UL506,UL5085–1&2; UL6500/UL60065

COMMON APPLICATIONS:

- Medical equipment
- Test equipment
- Media & high–end audio equipment
- Broadcast sound systems and other various devices

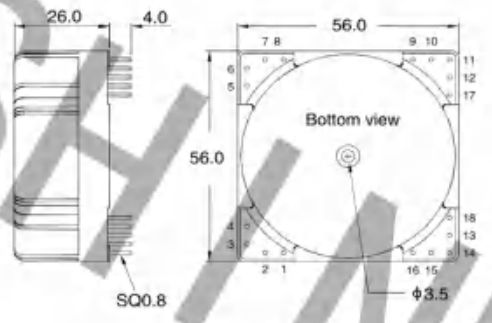
ELECTRICAL CHARACTERISTICS (@ 25℃)

Part No.	Power VA	Series		Parallel	
		Output Voltage(V)	Output Current(mA)	Output Voltage(V)	Output Current(mA)
PETT100012	10.0	12	833	6	1666
PETT100014	10.0	14	714	7	1428
PETT100018	10.0	18	556	9	1112
PETT100024	10.0	24	417	12	834
PETT100030	10.0	30	333	15	666
PETT100036	10.0	36	278	18	556
PETT100044	10.0	44	227	22	454
PETT100048	10.0	48	208	24	416

Dual Primary
115V, 60Hz (Pin3 – Pin6) (Pins3, 5 short; Pins 4, 6 short)
230V 50Hz (Pin3 –Pin6) (Pins 4, 5 short)

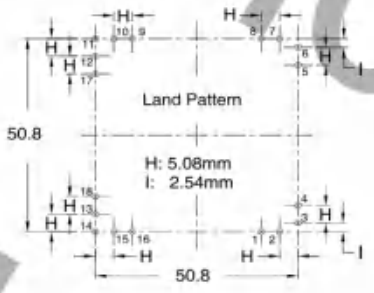
Dual Secondary
In Series (Pin11 –Pin14) (Pins12, 13 short)
In Parallel (Pin11 –Pin14) (Pins11,13 short;Pins12,14 short)

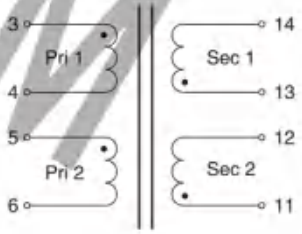
PHYSICAL CHARACTERISTICS



All dimensions in mm

TECHNICAL INFORMATION





- Primary: Dual primary (115V/230V 50/60Hz)
- Secondary: Series or parallel
- High ambient operating temperature: +60℃ max
- Insulation Class: Class F (155℃)
- Dielectric Strength: 4000Vrms
- Operating temperature: –40℃ to +120℃
- Storage temperature: –40℃ to +105℃
- Blind center hole
- Unused pins are omitted for standard parts. Unused pins can be provided on request.

SHINHOM

PCB MOUNT TOROIDAL ENCAPSULATED TRANSFORMER

15W PETT SERIES

FEATURES:

- Low profile; High efficiency
- Fully encapsulated; magnetically shielded
- Low standby current
- Safety approved–UL506,UL5085–1&2; UL6500/UL60065

COMMON APPLICATIONS:

- Medical equipment
- Test equipment
- Media & high–end audio equipment
- Broadcast sound systems and other various devices

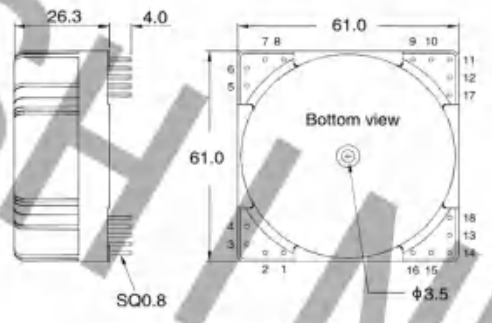
ELECTRICAL CHARACTERISTICS (@ 25℃)

Part No.	Power VA	Series		Parallel	
		Output Voltage(V)	Output Current(mA)	Output Voltage(V)	Output Current(mA)
PETT150012	15.0	12	1250	6	2500
PETT150014	15.0	14	1071	7	2142
PETT150018	15.0	18	833	9	1666
PETT150024	15.0	24	625	12	1250
PETT150030	15.0	30	500	15	1000
PETT150036	15.0	36	417	18	834
PETT150044	15.0	44	341	22	682
PETT150048	15.0	48	312	24	624

Dual Primary
115V, 60Hz (Pin3 – Pin6) (Pins3, 5 short; Pins 4, 6 short)
230V 50Hz (Pin3 –Pin6) (Pins 4, 5 short)

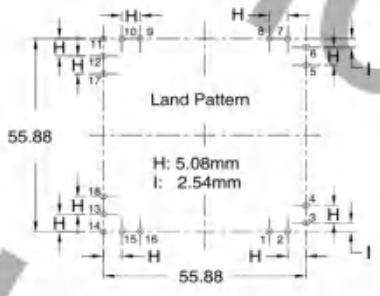
Dual Secondary
In Series (Pin11 –Pin14) (Pins12, 13 short)
In Parallel (Pin11 –Pin14) (Pins11,13 short;Pins12,14 short)

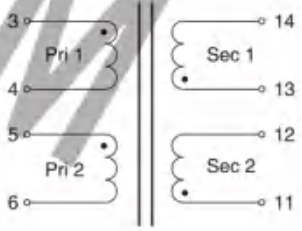
PHYSICAL CHARACTERISTICS



All dimensions in mm

TECHNICAL INFORMATION





- Primary: Dual primary (115V/230V 50/60Hz)
- Secondary: Series or parallel
- High ambient operating temperature: +60℃ max
- Insulation Class: Class F (155℃)
- Dielectric Strength: 4000Vrms
- Operating temperature: –40℃ to +120℃
- Storage temperature: –40℃ to +105℃
- Blind center hole
- Unused pins are omitted for standard parts. Unused pins can be provided on request.

SHINHOM

PCB MOUNT TOROIDAL ENCAPSULATED TRANSFORMER

25W PETT SERIES

FEATURES:

- Low profile; High efficiency
- Fully encapsulated; magnetically shielded
- Low standby current
- Safety approved–UL506,UL5085–1&2; UL6500/UL60065

COMMON APPLICATIONS:

- Medical equipment
- Test equipment
- Media & high–end audio equipment
- Broadcast sound systems and other various devices

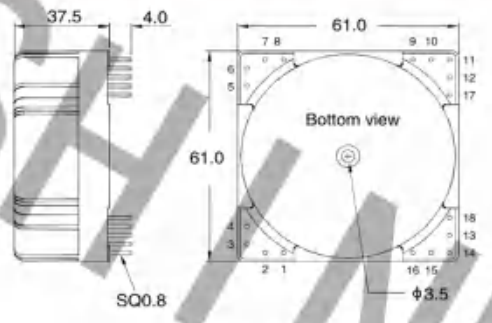
ELECTRICAL CHARACTERISTICS (@ 25℃)

Part No.	Power VA	Series		Parallel	
		Output Voltage(V)	Output Current(mA)	Output Voltage(V)	Output Current(mA)
PETT250012	25.0	12	2083	6	4166
PETT250014	25.0	14	1785	7	3570
PETT250018	25.0	18	1377	9	2754
PETT250024	25.0	24	1041	12	2082
PETT250030	25.0	30	832	15	1664
PETT250036	25.0	36	694	18	1388
PETT250044	25.0	44	568	22	1136
PETT250048	25.0	48	520	24	1040

Dual Primary
115V, 60Hz (Pin3 – Pin6) (Pins3, 5 short; Pins 4, 6 short)
230V 50Hz (Pin3 –Pin6) (Pins 4, 5 short)

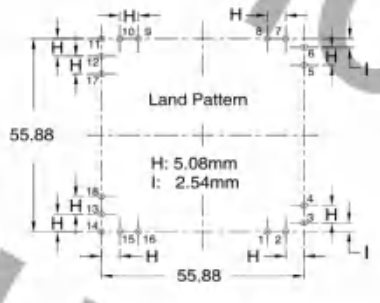
Dual Secondary
In Series (Pin11 –Pin14) (Pins12, 13 short)
In Parallel (Pin11 –Pin14) (Pins11,13 short;Pins12,14 short)

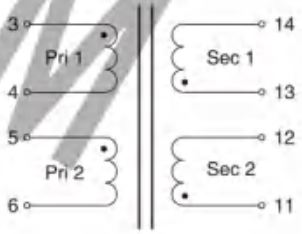
PHYSICAL CHARACTERISTICS



All dimensions in mm

TECHNICAL INFORMATION





- Primary: Dual primary (115V/230V 50/60Hz)
- Secondary: Series or parallel
- High ambient operating temperature: +60℃ max
- Insulation Class: Class F (155℃)
- Dielectric Strength: 4000Vrms
- Operating temperature: –40℃ to +120℃
- Storage temperature: –40℃ to +105℃
- Blind center hole
- Unused pins are omitted for standard parts. Unused pins can be provided on request.

SHINHOM

PCB MOUNT TOROIDAL ENCAPSULATED TRANSFORMER

35W PETT SERIES

FEATURES:

- Low profile; High efficiency
- Fully encapsulated; magnetically shielded
- Low standby current
- Safety approved–UL506,UL5085–1&2; UL6500/UL60065

COMMON APPLICATIONS:

- Medical equipment
- Test equipment
- Media & high–end audio equipment
- Broadcast sound systems and other various devices

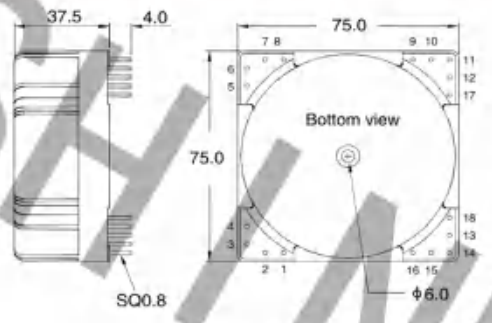
ELECTRICAL CHARACTERISTICS (@ 25℃)

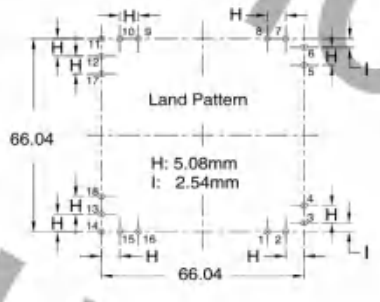
Part No.	Power VA	Series		Parallel	
		Output Voltage(V)	Output Current(mA)	Output Voltage(V)	Output Current(mA)
PETT350012	35.0	12	2916	6	5832
PETT350014	35.0	14	2500	7	5000
PETT350018	35.0	18	1944	9	3888
PETT350024	35.0	24	1458	12	2916
PETT350030	35.0	30	1167	15	2334
PETT350036	35.0	36	972	18	1944
PETT350044	35.0	44	795	22	1590
PETT350048	35.0	48	729	24	1458

Dual Primary
115V, 60Hz (Pin3 – Pin6) (Pins3, 5 short; Pins 4, 6 short)
230V 50Hz (Pin3 –Pin6) (Pins 4, 5 short)

Dual Secondary
In Series (Pin11 –Pin14) (Pins12, 13 short)
In Parallel (Pin11 –Pin14) (Pins11,13 short;Pins12,14 short)

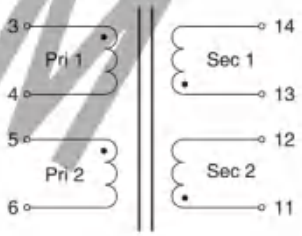
PHYSICAL CHARACTERISTICS





All dimensions in mm

TECHNICAL INFORMATION



- Primary: Dual primary (115V/230V 50/60Hz)
- Secondary: Series or parallel
- High ambient operating temperature: +60℃ max
- Insulation Class: Class F (155℃)
- Dielectric Strength: 4000Vrms
- Operating temperature: –40℃ to +120℃
- Storage temperature: –40℃ to +105℃
- Through center hole
- Unused pins are omitted for standard parts. Unused pins can be provided on request.

SHINHOM

PCB MOUNT TOROIDAL ENCAPSULATED TRANSFORMER

50W PETT SERIES

FEATURES:

- Low profile; High efficiency
- Fully encapsulated; magnetically shielded
- Low standby current
- Safety approved–UL506,UL5085–1&2; UL6500/UL60065

COMMON APPLICATIONS:

- Medical equipment
- Test equipment
- Media & high–end audio equipment
- Broadcast sound systems and other various devices

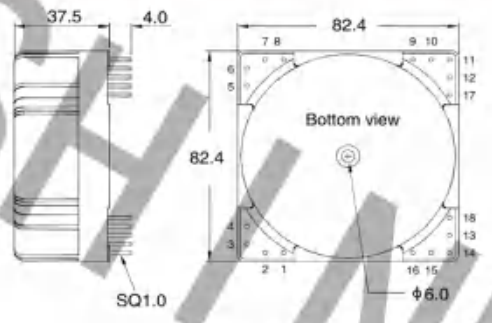
ELECTRICAL CHARACTERISTICS (@ 25℃)

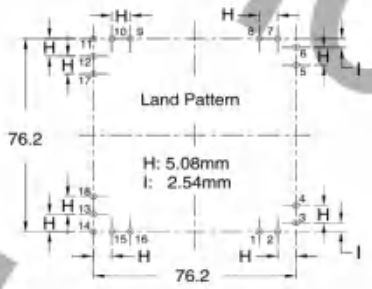
Part No.	Power VA	Series		Parallel	
		Output Voltage(V)	Output Current(mA)	Output Voltage(V)	Output Current(mA)
PETT500012	50.0	12	4166	6	8332
PETT500014	50.0	14	3571	7	7142
PETT500018	50.0	18	2777	9	5554
PETT500024	50.0	24	2083	12	4166
PETT500030	50.0	30	1666	15	3332
PETT500036	50.0	36	1388	18	2776
PETT500044	50.0	44	1136	22	2272
PETT500048	50.0	48	1041	24	2082

Dual Primary
115V, 60Hz (Pin3 – Pin6) (Pins3, 5 short; Pins 4, 6 short)
230V 50Hz (Pin3 –Pin6) (Pins 4, 5 short)

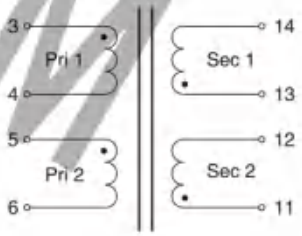
Dual Secondary
In Series (Pin11 –Pin14) (Pins12, 13 short)
In Parallel (Pin11 –Pin14) (Pins11,13 short;Pins12,14 short)

PHYSICAL CHARACTERISTICS





TECHNICAL INFORMATION



All dimensions in mm

- Primary: Dual primary (115V/230V 50/60Hz)
- Secondary: Series or parallel
- High ambient operating temperature: +60℃ max
- Insulation Class: Class F (155℃)
- Dielectric Strength: 4000Vrms
- Operating temperature: –40℃ to +120℃
- Storage temperature: –40℃ to +105℃
- Through center hole
- Unused pins are omitted for standard parts. Unused pins can be provided on request.

SHINHOM

PCB MOUNT TOROIDAL ENCAPSULATED TRANSFORMER

65W PETT SERIES

FEATURES:

- Low profile; High efficiency
- Fully encapsulated; magnetically shielded
- Low standby current
- Safety approved–UL506,UL5085–1&2; UL6500/UL60065

COMMON APPLICATIONS:

- Medical equipment
- Test equipment
- Media & high–end audio equipment
- Broadcast sound systems and other various devices

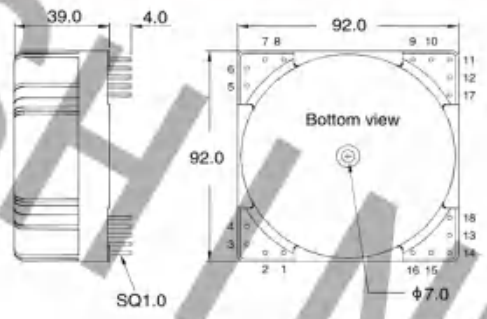
ELECTRICAL CHARACTERISTICS (@ 25℃)

Part No.	Power VA	Series		Parallel	
		Output Voltage(V)	Output Current(mA)	Output Voltage(V)	Output Current(mA)
PETT650012	65.0	12	5416	6	10832
PETT650014	65.0	14	4642	7	9284
PETT650018	65.0	18	3611	9	7222
PETT650024	65.0	24	2708	12	5416
PETT650030	65.0	30	2116	15	4322
PETT650036	65.0	36	1085	18	3610
PETT650044	65.0	44	1477	22	2954
PETT650048	65.0	48	1354	24	2708

Dual Primary
115V, 60Hz (Pin3 – Pin6) (Pins3, 5 short; Pins 4, 6 short)
230V 50Hz (Pin3 –Pin6) (Pins 4, 5 short)

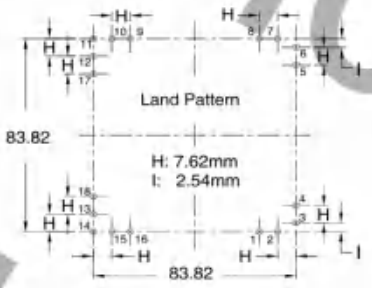
Dual Secondary
In Series (Pin11 –Pin14) (Pins12, 13 short)
In Parallel (Pin11 –Pin14) (Pins11,13 short;Pins12,14 short)

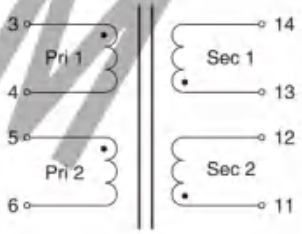
PHYSICAL CHARACTERISTICS



All dimensions in mm

TECHNICAL INFORMATION





- Primary: Dual primary (115V/230V 50/60Hz)
- Secondary: Series or parallel
- High ambient operating temperature: +60℃ max
- Insulation Class: Class F (155℃)
- Dielectric Strength: 4000Vrms
- Operating temperature: –40℃ to +120℃
- Storage temperature: –40℃ to +105℃
- Through center hole
- Unused pins are omitted for standard parts. Unused pins can be provided on request.

SHINHOM

PCB MOUNT TOROIDAL ENCAPSULATED TRANSFORMER

85W PETT SERIES

FEATURES:

- Low profile; High efficiency
- Fully encapsulated; magnetically shielded
- Low standby current
- Safety approved–UL506,UL5085–1&2; UL6500/UL60065

COMMON APPLICATIONS:

- Medical equipment
- Test equipment
- Media & high–end audio equipment
- Broadcast sound systems and other various devices

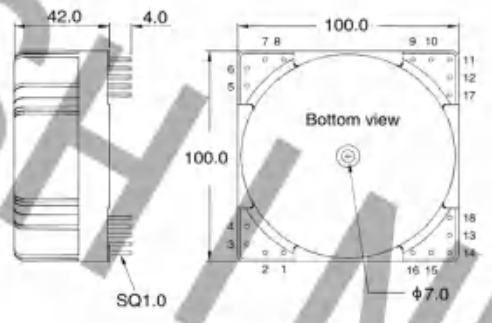
ELECTRICAL CHARACTERISTICS (@ 25℃)

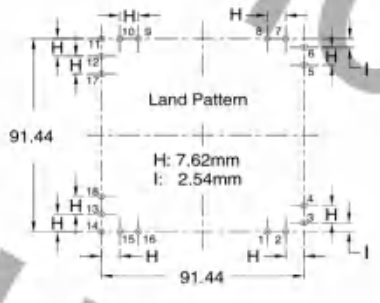
Part No.	Power VA	Series		Parallel	
		Output Voltage(V)	Output Current(mA)	Output Voltage(V)	Output Current(mA)
PETT850012	85.0	12	7083	6	14166
PETT850014	85.0	14	6071	7	12142
PETT850018	85.0	18	4722	9	9444
PETT850024	85.0	24	3541	12	7082
PETT850030	85.0	30	2833	15	5666
PETT850036	85.0	36	2361	18	4722
PETT850044	85.0	44	1931	22	3862
PETT850048	85.0	48	1770	24	3540

Dual Primary
115V, 60Hz (Pin3 – Pin6) (Pins3, 5 short; Pins 4, 6 short)
230V 50Hz (Pin3 –Pin6) (Pins 4, 5 short)

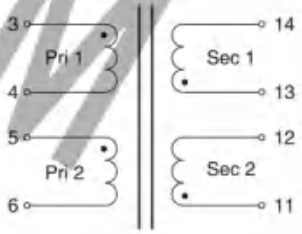
Dual Secondary
In Series (Pin11 –Pin14) (Pins12, 13 short)
In Parallel (Pin11 –Pin14) (Pins11,13 short;Pins12,14 short)

PHYSICAL CHARACTERISTICS





TECHNICAL INFORMATION



All dimensions in mm

- Primary: Dual primary (115V/230V 50/60Hz)
- Secondary: Series or parallel
- High ambient operating temperature: +60℃ max
- Insulation Class: Class F (155℃)
- Dielectric Strength: 4000Vrms
- Operating temperature: –40℃ to +120℃
- Storage temperature: –40℃ to +105℃
- Through center hole
- Unused pins are omitted for standard parts. Unused pins can be provided on request.

SHINHOM

50/60HZ PCB MOUNT TRANSFORMERS – UI RANGE

1W UI 21 SERIES

FEATURES:

- 115V–230V supply viltage by serie/parallel connection
- Vaccuum filling
- One compartment housing
- Degree of protection IP 00
- 50 grams weight

OPTIONS:

- Bulk packaging is standard
- Custom design available

COMMON APPLICATIONS:

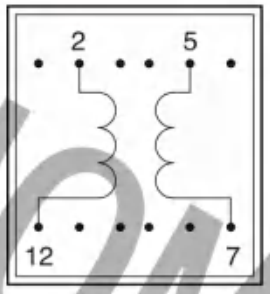
- Medical equipments
- Industrial controls
- Industrial computers
- Industrial equipments
- Test equipment
- Avionics & telecom

ELECTRICAL CHARACTERISTICS

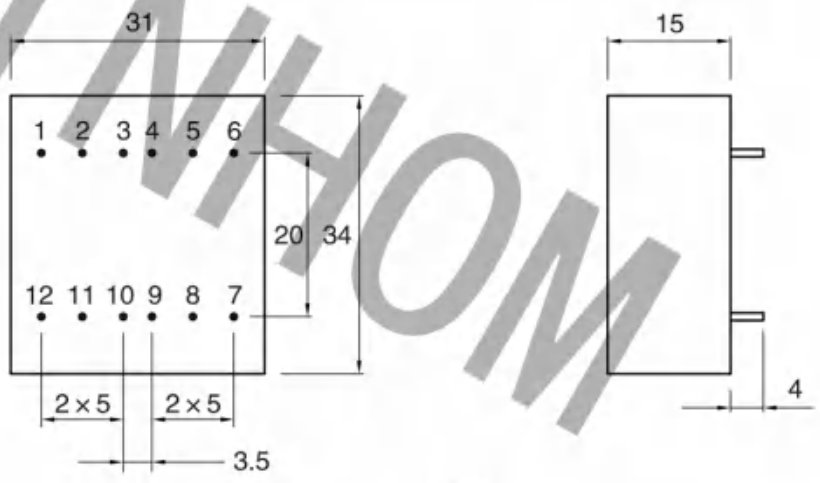
PRIMARY VOLTAGE: 230				
Part Number	Secondary voltage V	Secondary Current m A	No–load voltage V	Ambient Temperature ℃
UI 2101	6	167	11.4	T70B
UI 2102	9	111	17	T70B
UI 2103	12	83	22.8	T70B
UI 2104	15	67	28.5	T70B
UI 2105	18	56	34.2	T70B
UI 2106	24	42	45.6	T70B

TECHNICAL INFORMATION

- Resin UL 94 VO
- Design protection against short–circuits
- Insulation voltage 4 KV
- 100% tested production



PHYSICAL CHARACTERISTICS



All dimensions in mm

SHINHOM

50/60HZ PCB MOUNT TRANSFORMERS – UI RANGE

10W 30 x 16.5–UI 3016 SERIES

FEATURES:

- 115 V–230 V supply voltage by serie/parallel connection
- Vacuum filling
- Two compartments bobbins
- Degree of protection IP 00

OPTIONS:

- Bulk packaging is standard
- Custom design available

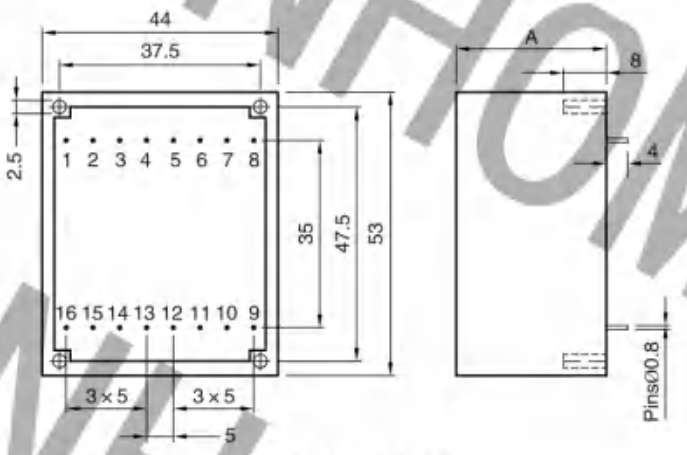
COMMON APPLICATIONS:

- Medical equipments
- Industrial equipments
- Industrial controls
- Test equipment
- Industrial computers
- Avionics & telecom

ELECTRICAL CHARACTERISTICS

PRIMARY VOLTAGE: 115~230				
Part Number	Secondary voltage V	Secondary Current m A	No-load voltage V	Ambient Temperature ℃
UI 301631	2 x 6	2 x 833	2 x 7.9	T50B
UI 301632	2 x 9	2 x 556	2 x 11.9	T50B
UI 301633	2 x 12	2 x 417	2 x 15.9	T50B
UI 301634	2 x 15	2 x 333	2 x 19.8	T50B
UI 301635	2 x 18	2 x 278	2 x 23.7	T50B
UI 301636	2 x 24	2 x 208	2 x 31.7	T50B

PHYSICAL CHARACTERISTICS



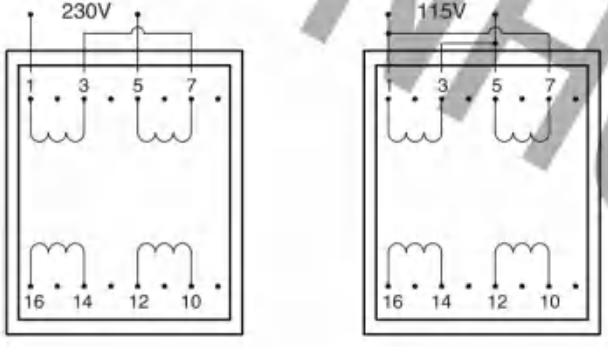
All dimensions in mm

TECHNICAL INFORMATION

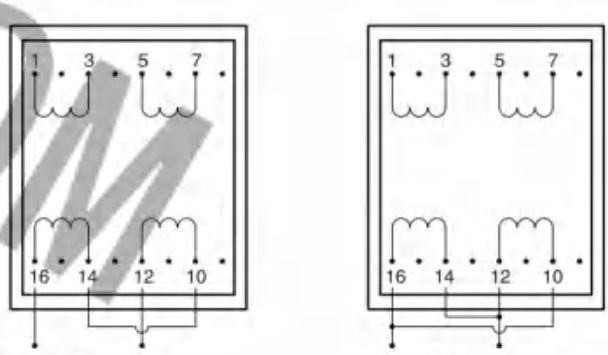
- Resin class UL 94 VO
- Fuse protection in secondary winding (see diagram)
- Insulation voltage 4 KV
- 100% tested production
- Conform to EN 61558 Approval under process

CIRCUIT	RATING	DIMENSION:A	WEIGHT(g)
UI30 x 5.5	2VA/3VA	A=17mm	125
UI30 x 7.5	4VA	A=19mm	150
UI30 x 10.5	6VA	A=22mm	185
UI30 x 16.5	10VA	A=28mm	260

Possible primary connections



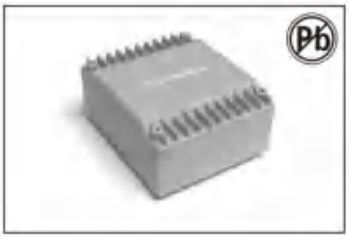
Possible secondary connections



Secondary Vottage doubted

Double the Secondary current

SHINHOM



50/60HZ PCB MOUNT TRANSFORMERS – UI RANGE

14W 39 x 10.2–UI 3910 SERIES

FEATURES:

- 115 V–230 V supply voltage by serie/parallel connection
- Vacuum filling
- Two compartments bobbins
- Degree of protection IP 00

OPTIONS:

- Bulk packaging is standard
- Custom design available

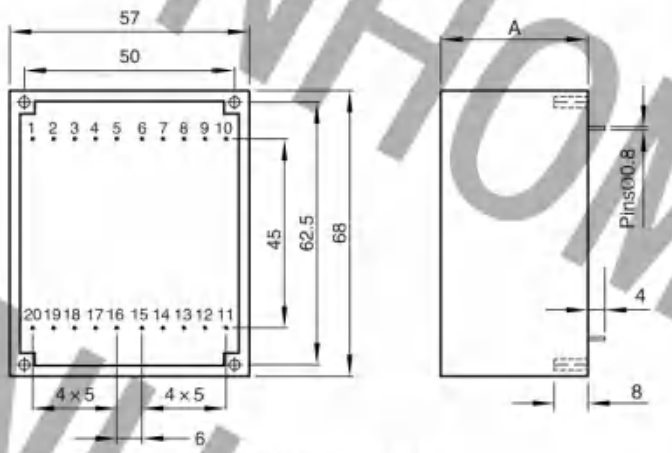
COMMON APPLICATIONS:

- Medical equipments
- Industrial equipments
- Industrial controls
- Test equipment
- Industrial computers
- Avionics & telecom

ELECTRICAL CHARACTERISTICS

PRIMARY VOLTAGE: 115~230				
Part Number	Secondary voltage V	Secondary Current m A	No-load voltage V	Ambient Temperature ℃
UI 391043	2 x 6	2 x 1167	2 x 7.5	T50B
UI 391044	2 x 9	2 x 778	2 x 10.9	T50B
UI 391045	2 x 12	2 x 583	2 x 15.0	T50B
UI 391046	2 x 15	2 x 467	2 x 18.7	T50B
UI 391047	2 x 18	2 x 389	2 x 22.4	T50B
UI 391048	2 x 24	2 x 292	2 x 30.2	T50B

PHYSICAL CHARACTERISTICS



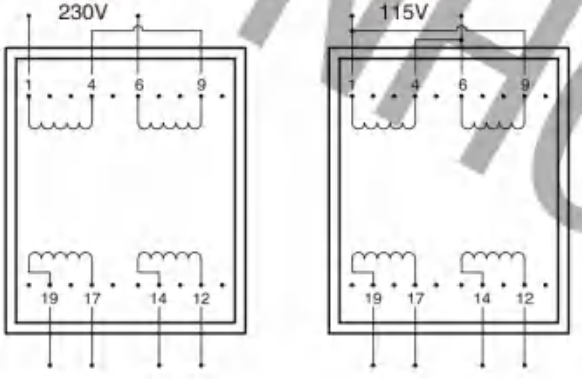
All dimensions in mm

TECHNICAL INFORMATION

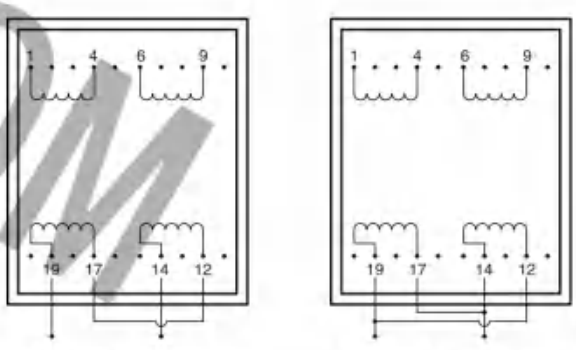
- Resin class UL 94 VO
- Fuse protection in secondary winding (see diagram)
- Insulation voltage 4 KV
- 100% tested production
- Conform to EN 61558 Approval under process

CIRCUIT	RATING	DIMENSION:A	WEIGHT(g)
UI39 x 8	10VA	A=22mm	285
UI39 x 10.2	14VA	A=24mm	335
UI39 x 13.5	18VA	A=27mm	405
UI39 x 17	24VA	A=31mm	260
UI39 x 21	30VA	A=35mm	550

Possible primary connections



Possible secondary connections



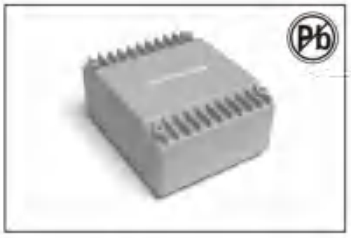
Secondary Vottage doubted

Double the Secondary current

SHINHOM

50/60HZ PCB MOUNT TRANSFORMERS – UI RANGE

18W 39 x 13.5–UI 3913 SERIES



FEATURES:

- 115 V–230 V supply voltage by serie/parallel connection
- Vacuum filling
- Two compartments bobbins
- Degree of protection IP 00

OPTIONS:

- Bulk packaging is standard
- Custom design available

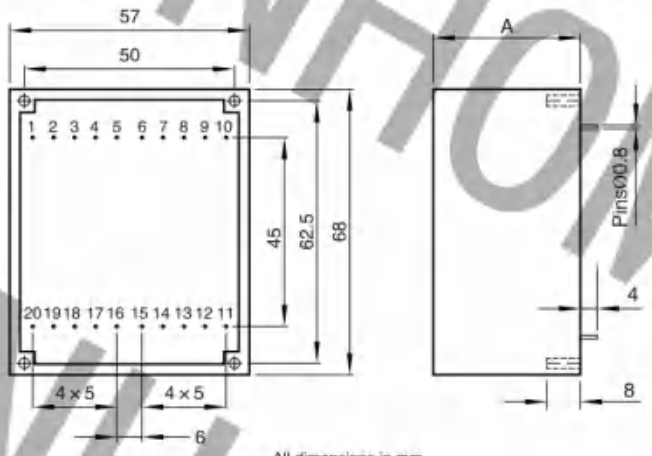
COMMON APPLICATIONS:

- Medical equipments
- Industrial equipments
- Industrial controls
- Test equipment
- Industrial computers
- Avionics & telecom

ELECTRICAL CHARACTERISTICS

PRIMARY VOLTAGE: 115~230				
Part Number	Secondary voltage V	Secondary Current m A	No-load voltage V	Ambient Temperature ℃
UI 391349	2 x 6	2 x 1500	2 x 7.4	T50B
UI 391350	2 x 9	2 x 1000	2 x 11.0	T50B
UI 391351	2 x 12	2 x 750	2 x 14.7	T50B
UI 391352	2 x 15	2 x 600	2 x 18.3	T50B
UI 391353	2 x 18	2 x 500	2 x 22.0	T50B
UI 391354	2 x 24	2 x 375	2 x 29.4	T50B

PHYSICAL CHARACTERISTICS



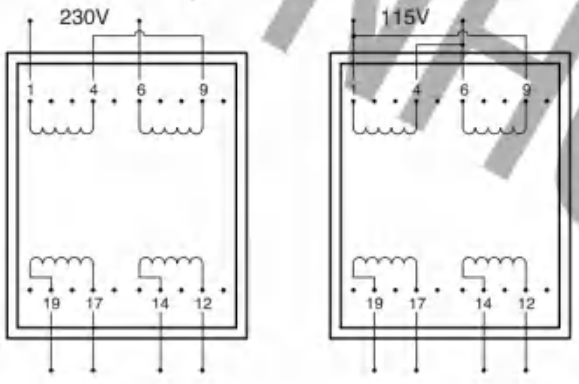
All dimensions in mm

TECHNICAL INFORMATION

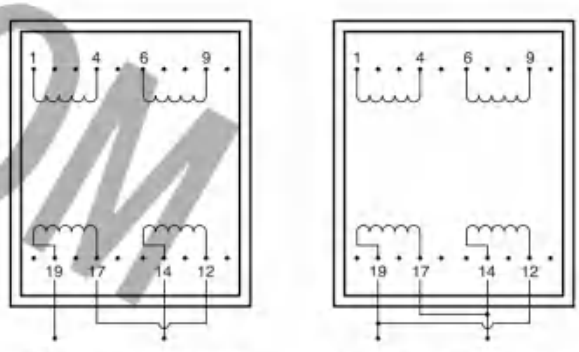
- Resin class UL 94 VO
- Fuse protection in secondary winding (see diagram)
- Insulation voltage 4 KV
- 100% tested production
- Conform to EN 61558 Approval under process

CIRCUIT	RATING	DIMENSION:A	WEIGHT(g)
UI39 x 8	10VA	A=22mm	285
UI39 x 10.2	14VA	A=24mm	335
UI39 x 13.5	18VA	A=27mm	405
UI39 x 17	24VA	A=31mm	260
UI39 x 21	30VA	A=35mm	550

Possible primary connections



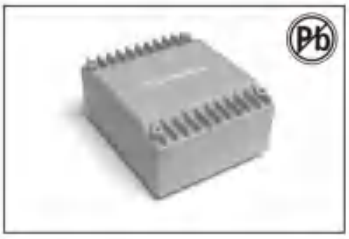
Possible secondary connections



Secondary Vottage doubted

Double the Secondary current

SHINHOM



50/60HZ PCB MOUNT TRANSFORMERS – UI RANGE

24W 39 × 17–UI 3917 SERIES

FEATURES:

- 115 V–230 V supply voltage by serie/parallel connection
- Vacuum filling
- Two compartments bobbins
- Degree of protection IP 00

OPTIONS:

- Bulk packaging is standard
- Custom design available

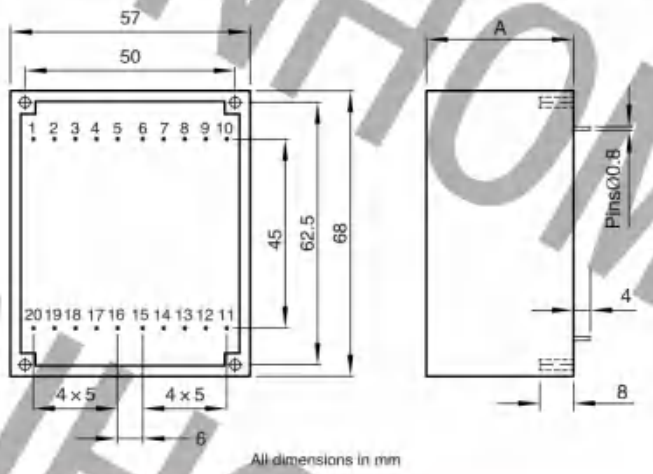
COMMON APPLICATIONS:

- Medical equipments
- Industrial equipments
- Industrial controls
- Test equipment
- Industrial computers
- Avionics & telecom

ELECTRICAL CHARACTERISTICS

PRIMARY VOLTAGE: 115~230				
Part Number	Secondary voltage V	Secondary Current mA	No-load voltage V	Ambient Temperature ℃
UI 391755	2 × 6	2 × 2000	2 × 7.1	T50B
UI 391756	2 × 9	2 × 1333	2 × 10.6	T50B
UI 391757	2 × 12	2 × 1000	2 × 14.1	T50B
UI 391758	2 × 15	2 × 800	2 × 17.6	T50B
UI 391759	2 × 18	2 × 667	2 × 21.2	T50B
UI 391760	2 × 24	2 × 500	2 × 28.3	T50B

PHYSICAL CHARACTERISTICS



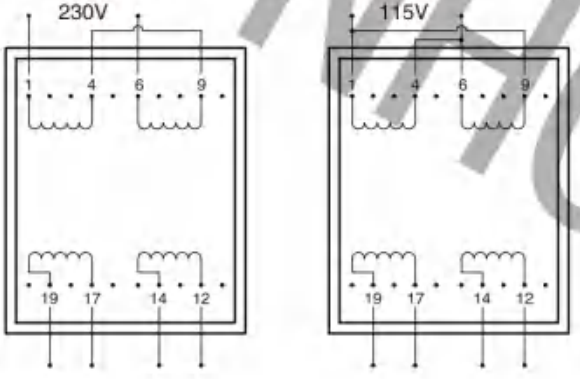
All dimensions in mm

TECHNICAL INFORMATION

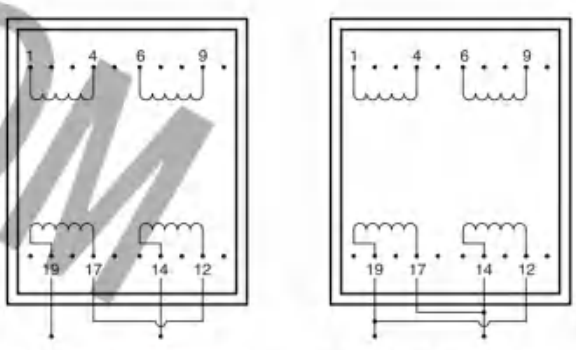
- Resin class UL 94 VO
- Fuse protection in secondary winding (see diagram)
- Insulation voltage 4 KV
- 100% tested production
- Conform to EN 61558 Approval under process

CIRCUIT	RATING	DIMENSION:A	WEIGHT(g)
UI39 × 8	10VA	A=22mm	285
UI39 × 10.2	14VA	A=24mm	335
UI39 × 13.5	18VA	A=27mm	405
UI39 × 17	24VA	A=31mm	260
UI39 × 21	30VA	A=35mm	550

Possible primary connections



Possible secondary connections



Secondary Vottage doubted

Double the Secondary current

SHINHOM

50/60HZ PCB MOUNT TRANSFORMERS – UI RANGE

3W 30 × 5.5–UI 3005 SERIES

FEATURES:

- 115 V–230 V supply voltage by serie/parallel connection
- Vacuum filling
- Two compartments bobbins
- Degree of protection IP 00

OPTIONS:

- Bulk packaging is standard
- Custom design available

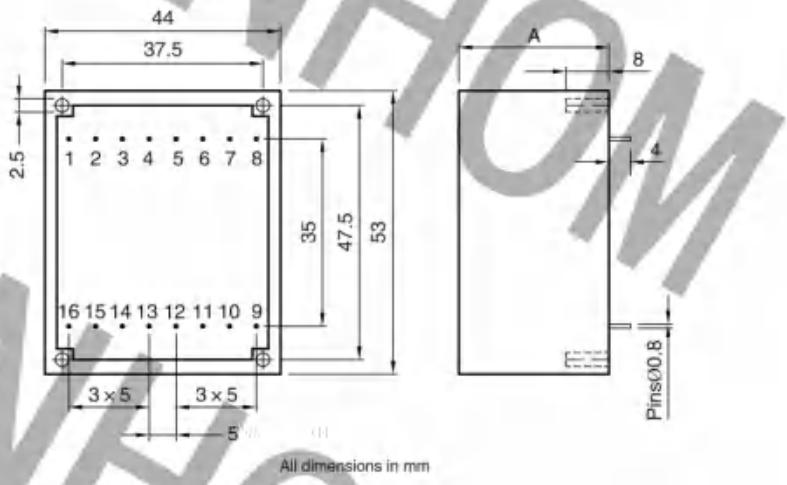
COMMON APPLICATIONS:

- Medical equipments
- Industrial controls
- Industrial computers
- Industrial equipments
- Test equipment
- Avionics & telecom

ELECTRICAL CHARACTERISTICS

PRIMARY VOLTAGE: 115~230				
Part Number	Secondary voltage V	Secondary Current m A	No-load voltage V	Ambient Temperature ℃
UI 300513	2 × 6	2 × 250	2 × 9.8	T70B
UI 300514	2 × 9	2 × 167	2 × 14.7	T70B
UI 300515	2 × 12	2 × 125	2 × 19.6	T70B
UI 300516	2 × 15	2 × 100	2 × 24.5	T70B
UI 300517	2 × 18	2 × 83	2 × 29.5	T70B
UI 300518	2 × 24	2 × 63	2 × 39.3	T70B

PHYSICAL CHARACTERISTICS



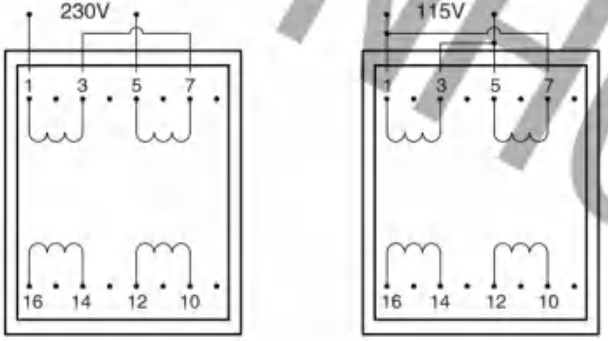
All dimensions in mm

TECHNICAL INFORMATION

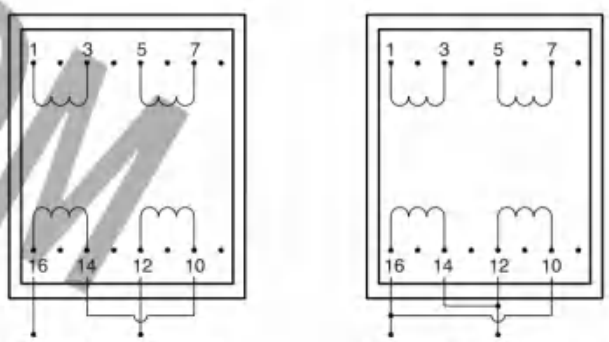
- Resin class UL 94 VO
- Fuse protection in secondary winding (see diagram)
- Insulation voltage 4 KV
- 100% tested production
- Conform to EN 61558 Approval under process

CIRCUIT	RATING	DIMENSION:A	WEIGHT(g)
UI30 × 5.5	2VA/3VA	A=17mm	125
UI30 × 7.5	4VA	A=19mm	150
UI30 × 10.5	6VA	A=22mm	185
UI30 × 16.5	10VA	A=28mm	260

Possible primary connections



Possible secondary connections



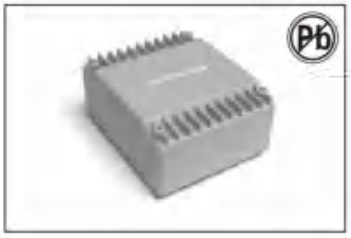
Secondary Vottage doubted

Double the Secondary current

SHINHOM

50/60HZ PCB MOUNT TRANSFORMERS – UI RANGE

30W 39 x 21 – UI 3921 SERIES



FEATURES:

- 115 V–230 V supply voltage by serie/parallel connection
- Vacuum filling
- Two compartments bobbins
- Degree of protection IP 00

OPTIONS:

- Bulk packaging is standard
- Custom design available

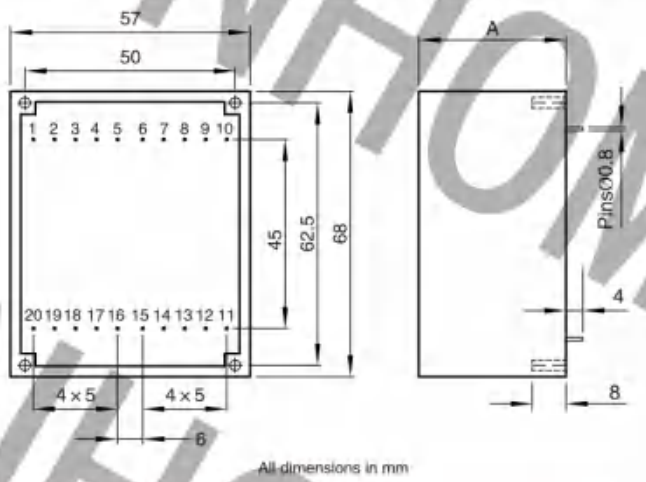
COMMON APPLICATIONS:

- Medical equipments
- Industrial controls
- Industrial computers
- Industrial equipments
- Test equipment
- Avionics & telecom

ELECTRICAL CHARACTERISTICS

PRIMARY VOLTAGE: 115~230				
Part Number	Secondary voltage V	Secondary Current m A	No-load voltage V	Ambient Temperature ℃
UI 392161	2 x 6	2 x 2500	2 x 6.7	T50B
UI 392162	2 x 9	2 x 1667	2 x 10.15	T50B
UI 392163	2 x 12	2 x 1250	2 x 13.5	T50B
UI 392164	2 x 15	2 x 1000	2 x 16.8	T50B
UI 392165	2 x 18	2 x 883	2 x 20.2	T50B
UI 392166	2 x 24	2 x 625	2 x 27.0	T50B

PHYSICAL CHARACTERISTICS



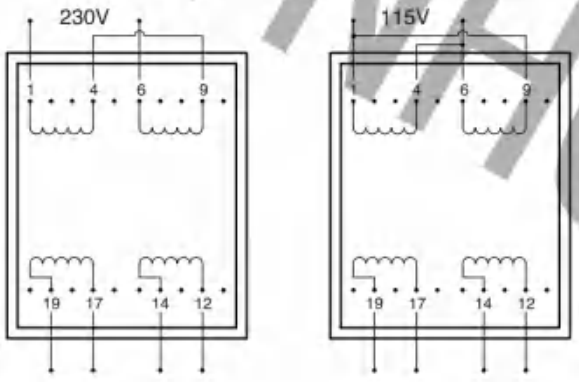
All dimensions in mm

TECHNICAL INFORMATION

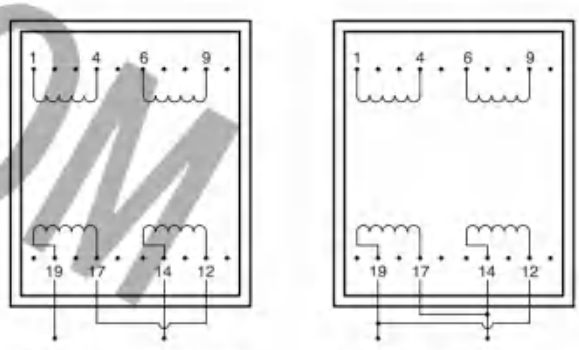
- Resin class UL 94 VO
- Fuse protection in secondary winding (see diagram)
- Insulation voltage 4 KV (6 KV MYRRA test)
- 100% tested production
- Conform to EN 61558 Approval under process

CIRCUIT	RATING	DIMENSION:A	WEIGHT(g)
UI39 x 8	10VA	A=22mm	285
UI39 x 10.2	14VA	A=24mm	335
UI39 x 13.5	18VA	A=27mm	405
UI39 x 17	24VA	A=31mm	260
UI39 x 21	30VA	A=35mm	550

Possible primary connections



Possible secondary connections



Secondary Vottage doubted

Double the Secondary current

SHINHOM

50/60HZ PCB MOUNT TRANSFORMERS – UI RANGE

4W 30 x 5.5–UI 3005 SERIES

FEATURES:

- 115 V–230 V supply voltage by serie/parallel connection
- Vacuum filling
- Two compartments bobbins
- Degree of protection IP 00

OPTIONS:

- Bulk packaging is standard
- Custom design available

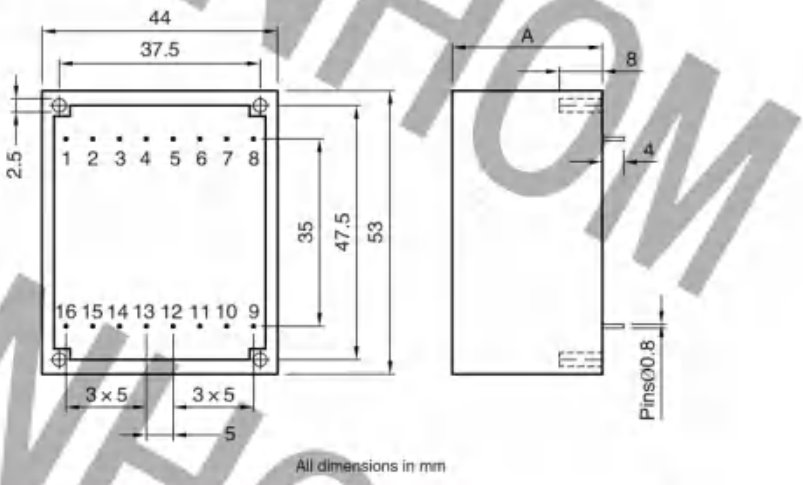
COMMON APPLICATIONS:

- Medical equipments
- Industrial equipments
- Industrial controls
- Test equipment
- Industrial computers
- Avionics & telecom

ELECTRICAL CHARACTERISTICS

PRIMARY VOLTAGE: 115~230				
Part Number	Secondary voltage V	Secondary Current m A	No–load voltage V	Ambient Temperature ℃
UI 300519	2 × 6	2 × 333	2 × 9.4	T70B
UI 300520	2 × 9	2 × 222	2 × 14.0	T70B
UI 300521	2 × 12	2 × 167	2 × 18.6	T70B
UI 300522	2 × 15	2 × 133	2 × 23.3	T70B
UI 300523	2 × 18	2 × 111	2 × 28.0	T70B
UI 300524	2 × 24	2 × 83	2 × 37.4	T70B

PHYSICAL CHARACTERISTICS



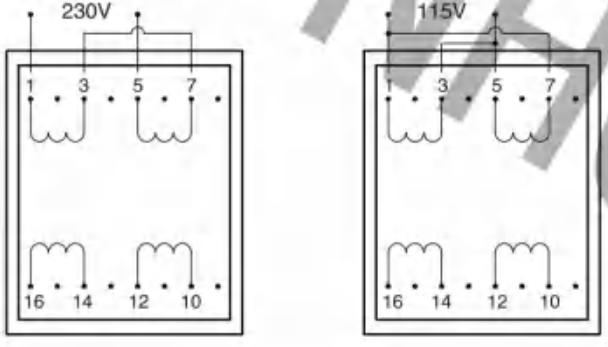
All dimensions in mm

TECHNICAL INFORMATION

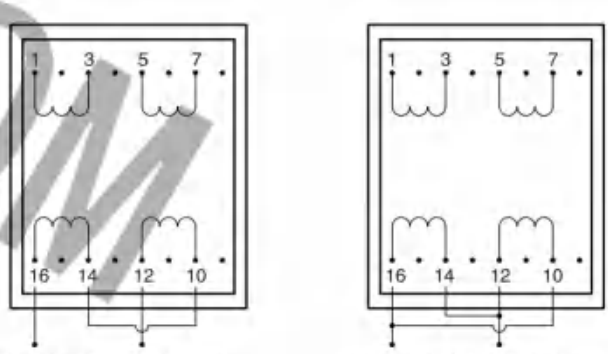
- Resin class UL 94 VO
- Fuse protection in secondary winding (see diagram)
- Insulation voltage 4 KV
- 100% tested production
- Conform to EN 61558 Approval under process

CIRCUIT	RATING	DIMENSION:A	WEIGHT(g)
UI30 × 5.5	2VA/3VA	A=17mm	125
UI30 × 7.5	4VA	A=19mm	150
UI30 × 10.5	6VA	A=22mm	185
UI30 × 16.5	10VA	A=28mm	260

Possible primary connections



Possible secondary connections



Secondary Vottage doubted

Double the Secondary current

SHINHOM

50/60HZ PCB MOUNT TRANSFORMERS – UI RANGE

40W 48 x 17–UI 4817 SERIES

FEATURES:

- 115 V–230 V supply voltage by serie/parallel connection
- Vacuum filling
- Two compartments bobbins
- Degree of protection IP 00

OPTIONS:

- Bulk packaging is standard
- Custom design available

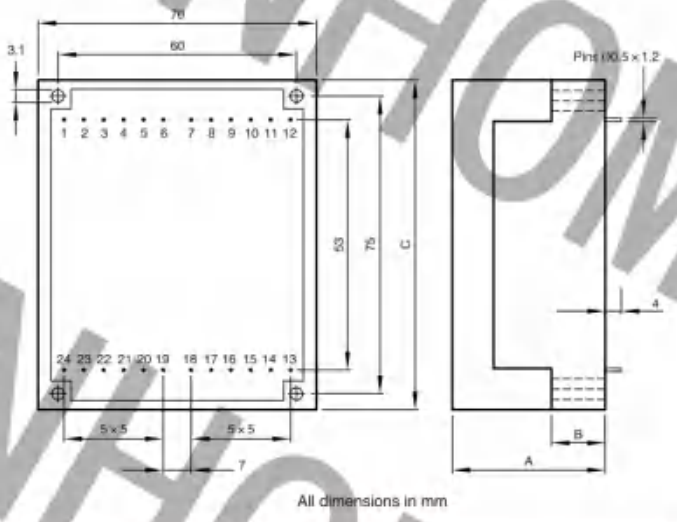
COMMON APPLICATIONS:

- Medical equipments
- Industrial equipments
- Industrial controls
- Test equipment
- Industrial computers
- Avionics & telecom

ELECTRICAL CHARACTERISTICS

PRIMARY VOLTAGE: 115~230				
Part Number	Secondary voltage V	Secondary Current m A	No-load voltage V	Ambient Temperature ℃
UI 481767	2 x 6	2 x 3300	2 x 6.7	T50B
UI 481768	2 x 9	2 x 2222	2 x 10.0	T50B
UI 481769	2 x 12	2 x 1667	2 x 13.4	T50B
UI 481770	2 x 15	2 x 1333	2 x 16.7	T50B
UI 481771	2 x 18	2 x 1111	2 x 20.1	T50B
UI 481772	2 x 24	2 x 833	2 x 26.8	T50B

PHYSICAL CHARACTERISTICS



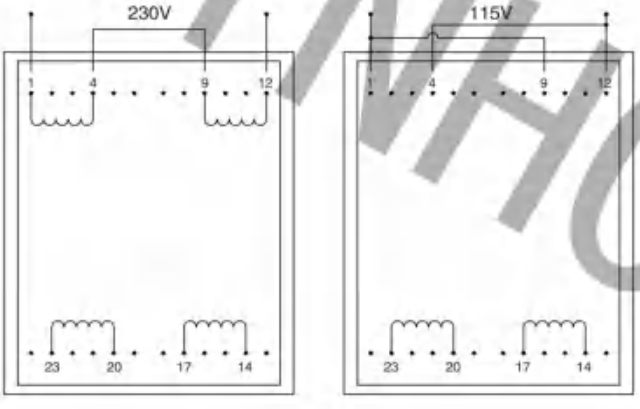
All dimensions in mm

TECHNICAL INFORMATION

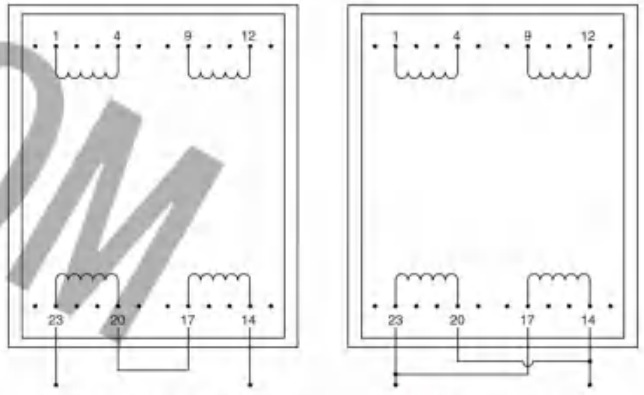
- Resin class UL 94 VO
- Fuse protection in secondary winding (see diagram)
- 100% tested production
- Conform to EN 61558 Approval under process
- UL 506 approved

CIRCUIT	RATING	A	B	C	WEIGHT(g)
UI39 x 8	10VA	38.5	13.5	83	285
UI39 x 10.2	14VA	48.5	14.5	86	335

Possible primary connections



Possible secondary connections



Secondary Vottage doubted

Double the Secondary current

SHINHOM

50/60HZ PCB MOUNT TRANSFORMERS – UI RANGE

6W 30 × 10.5–UI 3010 SERIES

FEATURES:

- 115 V–230 V supply voltage by serie/parallel connection
- Vacuum filling
- Two compartments bobbins
- Degree of protection IP 00

OPTIONS:

- Bulk packaging is standard
- Custom design available

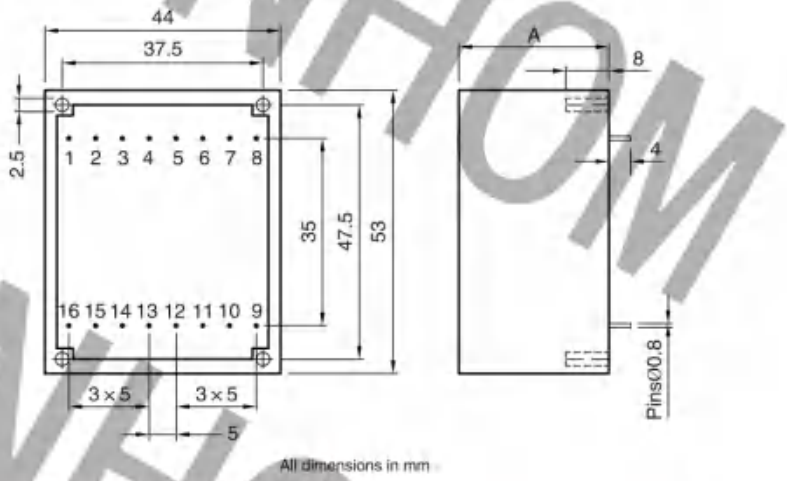
COMMON APPLICATIONS:

- Medical equipments
- Industrial controls
- Industrial computers
- Industrial equipments
- Test equipment
- Avionics & telecom

ELECTRICAL CHARACTERISTICS

PRIMARY VOLTAGE: 115~230				
Part Number	Secondary voltage V	Secondary Current m A	No-load voltage V	Ambient Temperature ℃
UI 301025	2 × 6	2 × 500	2 × 8.1	T70B
UI 301026	2 × 9	2 × 333	2 × 12.1	T70B
UI 301027	2 × 12	2 × 250	2 × 16.2	T70B
UI 301028	2 × 15	2 × 200	2 × 20.2	T70B
UI 301029	2 × 18	2 × 167	2 × 24.3	T70B
UI 301030	2 × 24	2 × 125	2 × 32.3	T70B

PHYSICAL CHARACTERISTICS



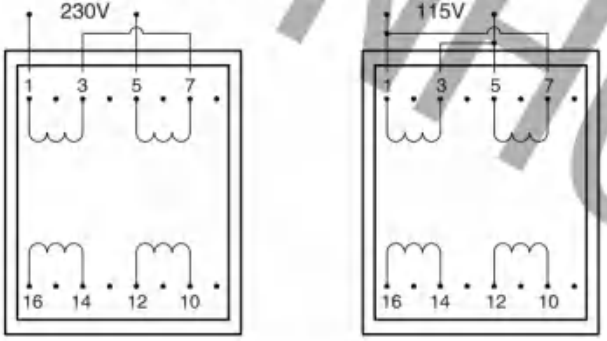
All dimensions in mm

TECHNICAL INFORMATION

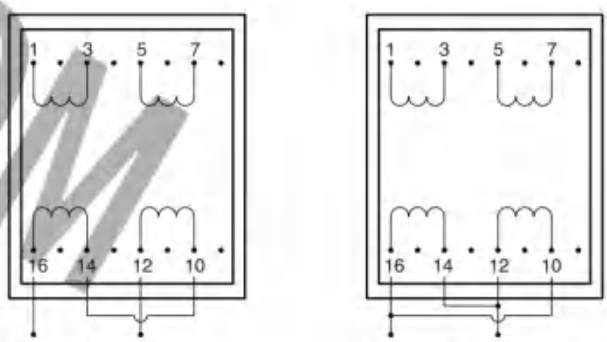
- Resin class UL 94 VO
- Fuse protection in secondary winding (see diagram)
- Insulation voltage 4 KV
- 100% tested production
- Conform to EN 61558 Approval under process

CIRCUIT	RATING	DIMENSION:A	WEIGHT(g)
UI30 × 5.5	2VA/3VA	A=17mm	125
UI30 × 7.5	4VA	A=19mm	150
UI30 × 10.5	6VA	A=22mm	185
UI30 × 16.5	10VA	A=28mm	260

Possible primary connections



Possible secondary connections



Secondary Vottage doubted

Double the Secondary current

SHINHOM

50/60HZ PCB MOUNT TRANSFORMERS – UI RANGE

60W 48 x 26–UI 4826 SERIES

FEATURES:

- 115 V–230 V supply voltage by serie/parallel connection
- Vacuum filling
- Two compartments bobbins
- Degree of protection IP 00

OPTIONS:

- Bulk packaging is standard
- Custom design available

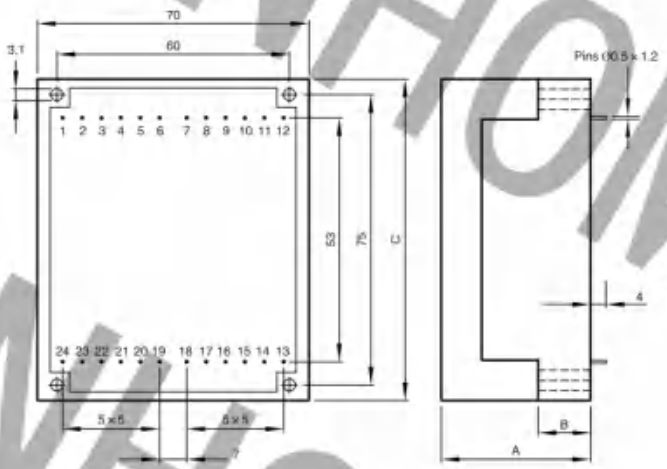
COMMON APPLICATIONS:

- Medical equipments
- Industrial controls
- Industrial computers
- Industrial equipments
- Test equipment
- Avionics & telecom

ELECTRICAL CHARACTERISTICS

PRIMARY VOLTAGE: 115~230				
Part Number	Secondary voltage V	Secondary Current m A	No-load voltage V	Ambient Temperature ℃
UI 482673	2 x 6	2 x 5000	2 x 6.6	T50B
UI 482674	2 x 9	2 x 3333	2 x 9.9	T50B
UI 482675	2 x 12	2 x 2500	2 x 13.1	T50B
UI 482676	2 x 15	2 x 2000	2 x 16.4	T50B
UI 482677	2 x 18	2 x 1667	2 x 19.7	T50B
UI 482678	2 x 24	2 x 1250	2 x 26.3	T50B

PHYSICAL CHARACTERISTICS



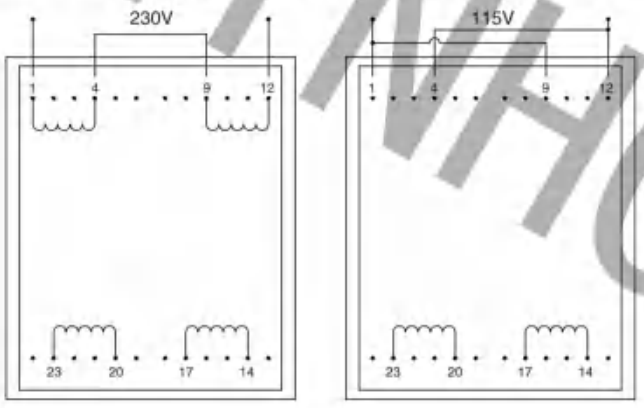
All dimensions in mm

TECHNICAL INFORMATION

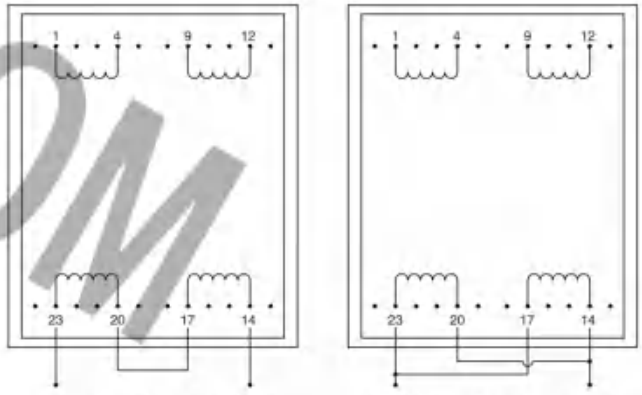
- Resin class UL 94 VO
- Fuse protection in secondary winding (see diagram)
- 100% tested production
- Conform to EN 61558 Approval under process
- UL 506 approved

CIRCUIT	RATING	A	B	C	WEIGHT(g)
UI39 x 8	10VA	38.5	13.5	83	285
UI39 x 10.2	14VA	48.5	14.5	86	335

Possible primary connections



Possible secondary connections



Secondary Vottage doubted

Double the Secondary current

SHINHOM