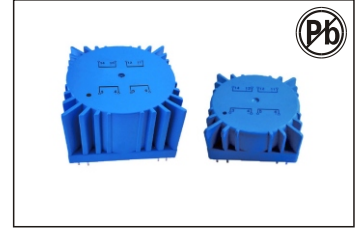


PCB MOUNT TOROIDAL ENCAPSULATED TRANSFORMER

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°C)

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

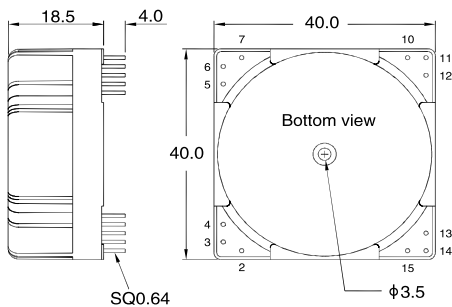
115V, 60Hz (Pin3 – Pin6) (Pins3, 5 short; Pins 4, 6 short)
 230V 50Hz (Pin3 –Pin6) (Pins 4, 5 short)

Dual Secondary

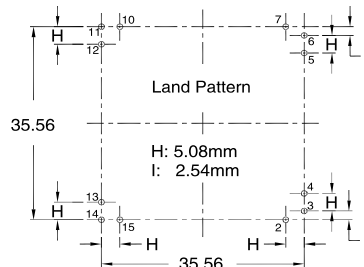
In Series (Pin11 –Pin14) (Pins12, 13 short)
 In Parallel (Pin11 –Pin14) (Pins11,13 short;Pins12,14 short)

PHYSICAL CHARACTERISTICS

TECHNICAL INFORMATION

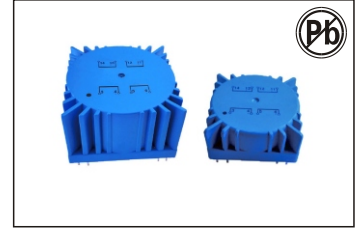


All dimensions in mm



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°C)

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

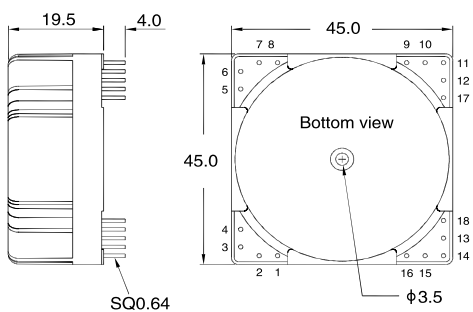
Dual Primary

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

Dual Secondary

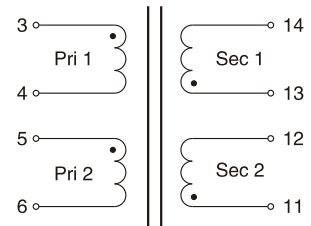
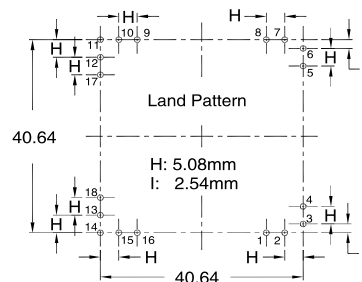
In Series (Pin11 –Pin14) (Pins12, 13 short)
 In Parallel (Pin11 –Pin14) (Pins11,13 short;Pins12,14 short)

PHYSICAL CHARACTERISTICS



All dimensions in mm

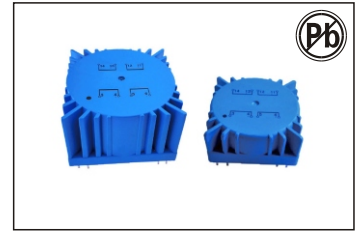
TECHNICAL INFORMATION



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

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°C)

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

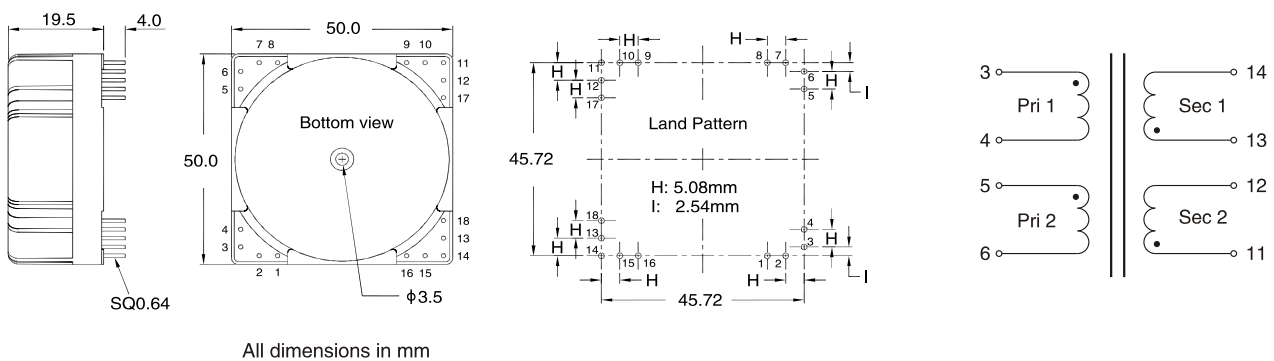
115V, 60Hz (Pin3 – Pin6) (Pins3, 5 short; Pins 4, 6 short)
 230V 50Hz (Pin3 –Pin6) (Pins 4, 5 short)

Dual Secondary

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

PHYSICAL CHARACTERISTICS

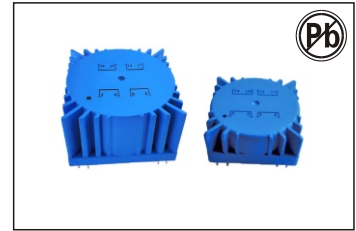
TECHNICAL INFORMATION



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

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°C)

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

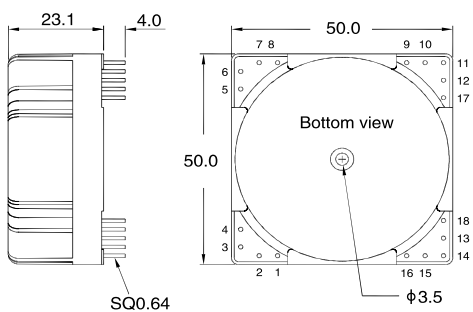
Dual Primary

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

Dual Secondary

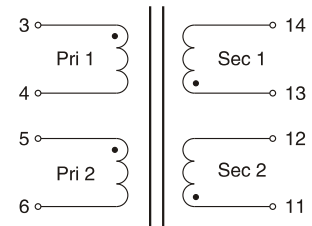
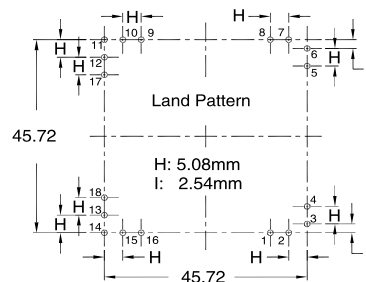
In Series (Pin11 –Pin14) (Pins12, 13 short)
 In Parallel (Pin11 –Pin14) (Pins11,13 short;Pins12,14 short)

PHYSICAL CHARACTERISTICS



All dimensions in mm

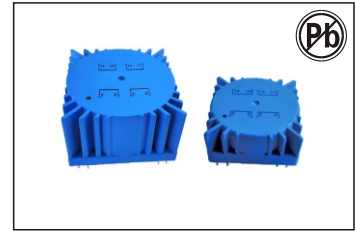
TECHNICAL INFORMATION



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

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°C)

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

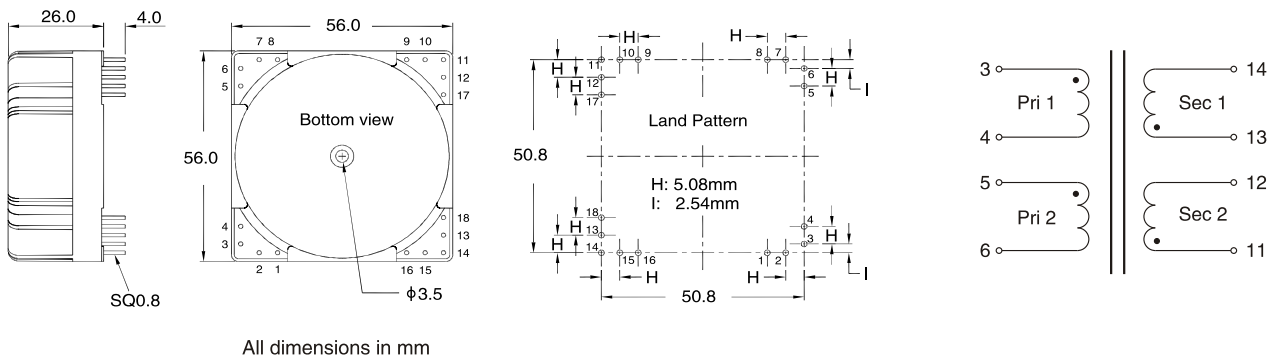
115V, 60Hz (Pin3 – Pin6) (Pins3, 5 short; Pins 4, 6 short)
 230V 50Hz (Pin3 –Pin6) (Pins 4, 5 short)

Dual Secondary

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

PHYSICAL CHARACTERISTICS

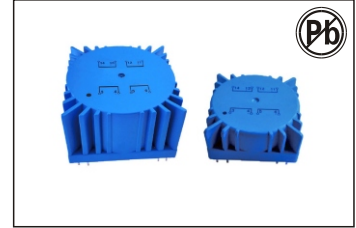
TECHNICAL INFORMATION



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

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°C)

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

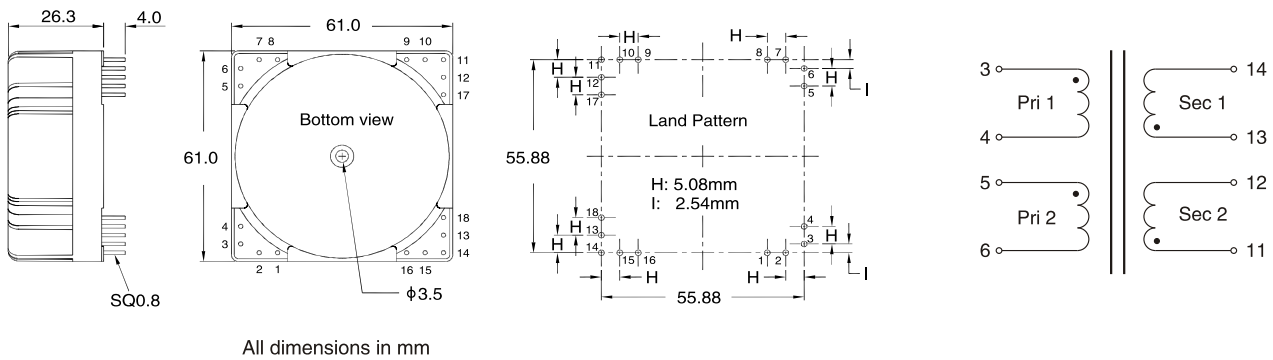
115V, 60Hz (Pin3 – Pin6) (Pins3, 5 short; Pins 4, 6 short)
 230V 50Hz (Pin3 –Pin6) (Pins 4, 5 short)

Dual Secondary

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

PHYSICAL CHARACTERISTICS

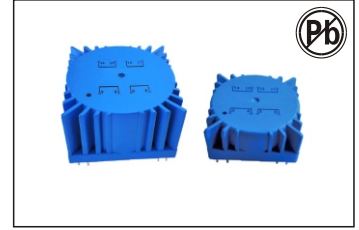
TECHNICAL INFORMATION



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

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°C)

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

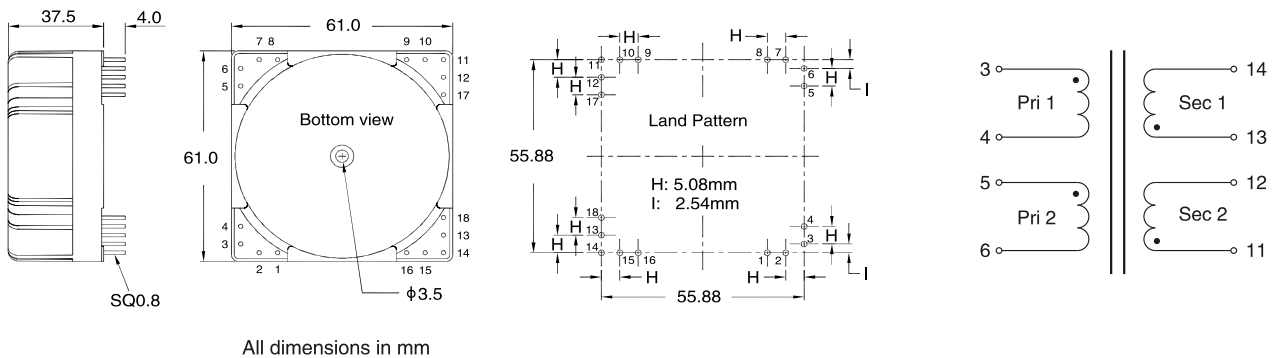
115V, 60Hz (Pin3 – Pin6) (Pins3, 5 short; Pins 4, 6 short)
 230V 50Hz (Pin3 –Pin6) (Pins 4, 5 short)

Dual Secondary

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

PHYSICAL CHARACTERISTICS

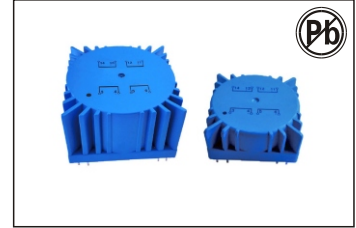
TECHNICAL INFORMATION



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

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°C)

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

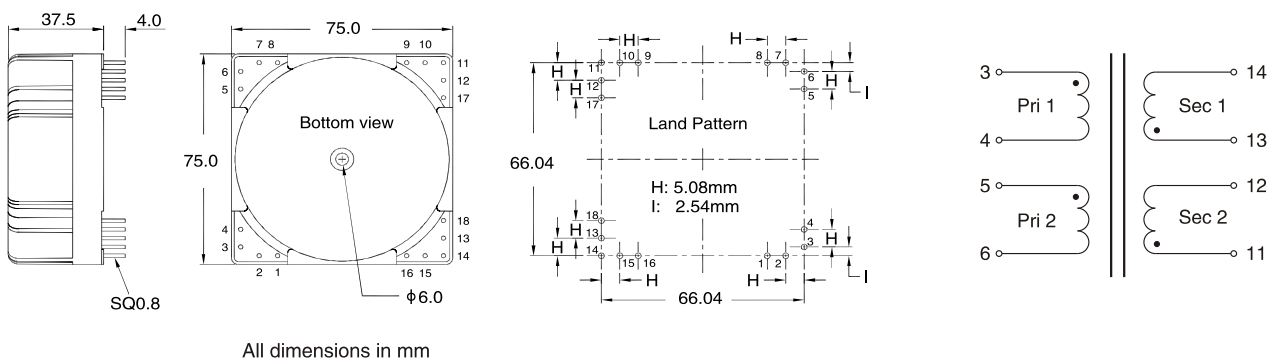
Dual Primary

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)

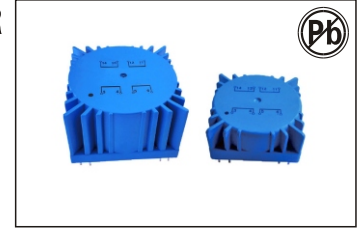
PHYSICAL CHARACTERISTICS TECHNICAL INFORMATION



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

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°C)

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

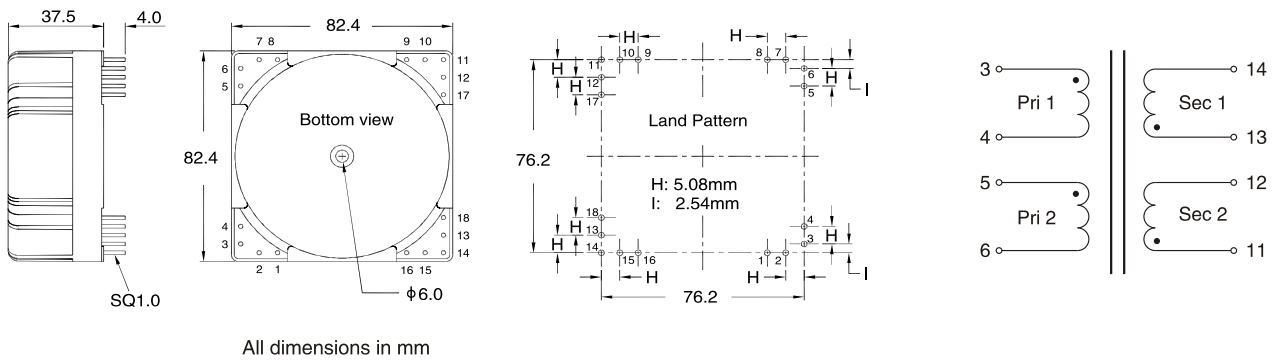
Dual Primary

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)

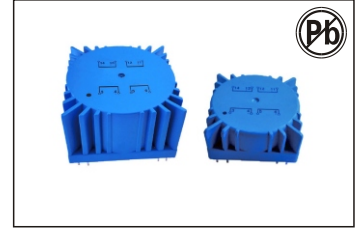
PHYSICAL CHARACTERISTICS TECHNICAL INFORMATION



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

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°C)

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

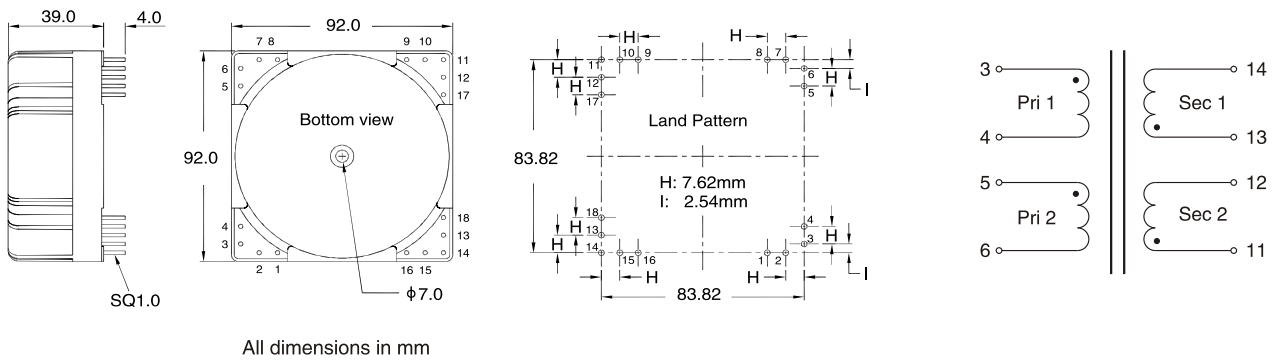
115V, 60Hz (Pin3 – Pin6) (Pins3, 5 short; Pins 4, 6 short)
 230V 50Hz (Pin3 –Pin6) (Pins 4, 5 short)

Dual Secondary

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

PHYSICAL CHARACTERISTICS

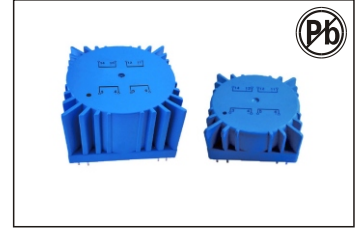
TECHNICAL INFORMATION



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

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°C)

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

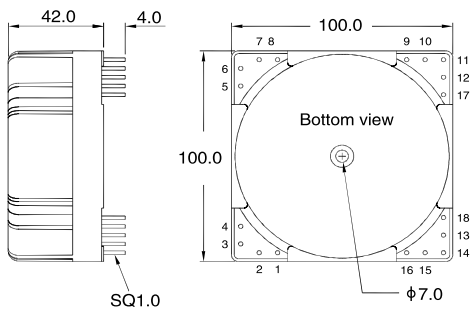
Dual Primary

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

Dual Secondary

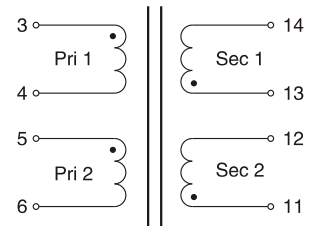
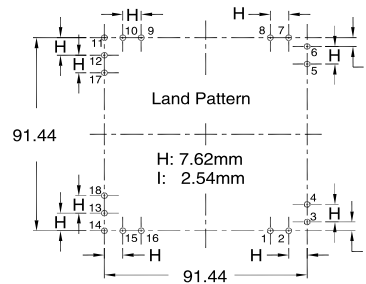
In Series (Pin11 –Pin14) (Pins12, 13 short)
 In Parallel (Pin11 –Pin14) (Pins11,13 short;Pins12,14 short)

PHYSICAL CHARACTERISTICS



All dimensions in mm

TECHNICAL INFORMATION



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