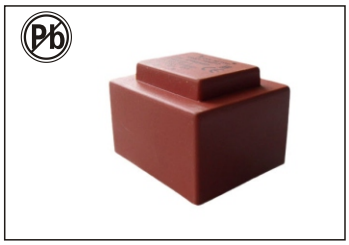
FULLSTAR



50/60HZ PCB MOUNT TRANSFORMERS – EE RANGE

0.35VA-0.45VA FE20/06 SERIES

FEATURES :

.CE/VDE approved
.Potted under vacuum
.Dielectric strength- 4000Vrms
.Meet with UL94V-0 flammability requirements
.Insulation class- class B (130℃)

PACKAGE :

.Bulk packing

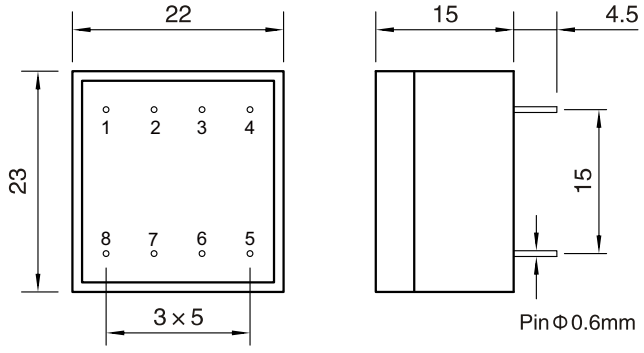
Custom design available

ELECTRICAL CHARACTERISTICS (@ 25℃)

Primary (230V)	Primary (115V)	Secondary (V/mA)	No-load voltage(V)	Fig.	Primary (230V)	Primary (115V)	Secondary (V/mA)	No-load voltage(V)	Fig.
FE2006001	FE2006101	6/58	0. 35	1	FE2006013	FE2006113	2X6/29	0. 35	2
FE2006002	FE2006102	6/75	0. 45	1	FE2006014	FE2006114	2X6/38	0. 45	2
FE2006003	FE2006103	9/39	0. 35	1	FE2006015	FE2006115	2X9/19	0. 35	2
FE2006004	FE2006104	9/50	0. 45	1	FE2006016	FE2006116	2X9/25	0. 45	2
FE2006005	FE2006105	12/29	0. 35	1	FE2006017	FE2006117	2X12/15	0. 35	2
FE2006006	FE2006106	12/38	0. 45	1	FE2006018	FE2006118	2X12/19	0. 45	2
FE2006007	FE2006107	15/23	0. 35	1	FE2006019	FE2006119	2X15/12	0. 35	2
FE2006008	FE2006108	15/30	0. 45	1	FE2006020	FE2006120	2X15/15	0. 45	2
FE2006009	FE2006109	18/19	0. 35	1	FE2006021	FE2006121	2X18/10	0. 35	2
FE2006010	FE2006110	18/25	0. 45	1	FE2006022	FE2006122	2X18/13	0. 45	2
FE2006011	FE2006111	24/15	0. 35	1	FE2006023	FE2006123	2X24/7	0. 35	2
FE2006012	FE2006112	24/19	0. 45	1	FE2006024	FE2006124	2X24/9	0. 45	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

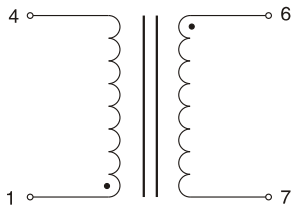


Fig 1

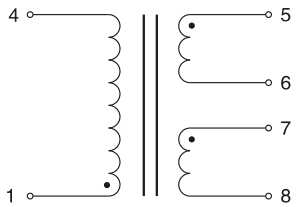
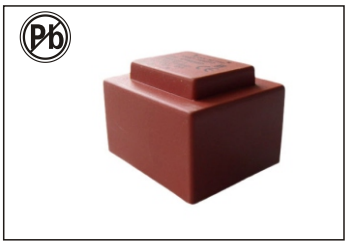


Fig 2



50/60HZ PCB MOUNT TRANSFORMERS – EE RANGE

0.5VA-0.6VA EE20-10-FE2010 SERIES

FEATURES :

.CE/VDE approved
.Potted under vacuum
.Dielectric strength- 4000Vrms
.Meet with UL94V-0 flammability requirements
.Insulation class- class B (130℃)

PACKAGE :

.Bulk packing

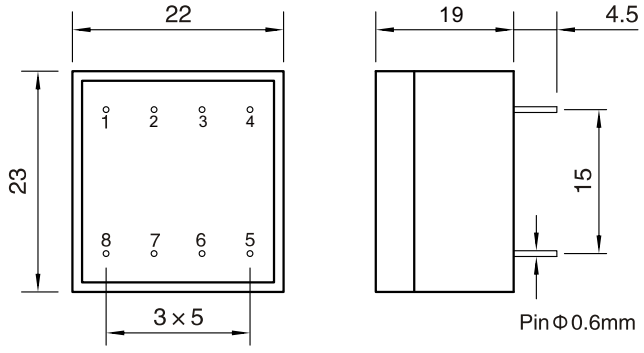
Custom design available

ELECTRICAL CHARACTERISTICS (@ 25℃)

Primary (230V)	Primary (115V)	Secondary (V/mA)	No-load voltage(V)	Fig.	Primary (230V)	Primary (115V)	Secondary (V/mA)	No-load voltage(V)	Fig.
FE2010001	FE2010101	6/83	0. 5	1	FE2010013	FE2010113	2X6/42	0. 5	2
FE2010002	FE2010102	6/100	0. 6	1	FE2010014	FE2010114	2X6/50	0. 6	2
FE2010003	FE2010103	9/56	0. 5	1	FE2010015	FE2010115	2X9/28	0. 5	2
FE2010004	FE2010104	9/67	0. 6	1	FE2010016	FE2010116	2X9/33	0. 6	2
FE2010005	FE2010105	12/42	0. 5	1	FE2010017	FE2010117	2X12/21	0. 5	2
FE2010006	FE2010106	12/50	0. 6	1	FE2010018	FE2010118	2X12/25	0. 6	2
FE2010007	FE2010107	15/33	0. 5	1	FE2010019	FE2010119	2X15/17	0. 5	2
FE2010008	FE2010108	15/40	0. 6	1	FE2010020	FE2010120	2X15/20	0. 6	2
FE2010009	FE2010109	18/28	0. 5	1	FE2010021	FE2010121	2X18/14	0. 5	2
FE2010010	FE2010110	18/33	0. 6	1	FE2010022	FE2010122	2X18/17	0. 6	2
FE2010011	FE2010111	24/21	0. 5	1	FE2010023	FE2010123	2X24/10	0. 5	2
FE2010012	FE2010112	24/25	0. 6	1	FE2010024	FE2010124	2X24/13	0. 6	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

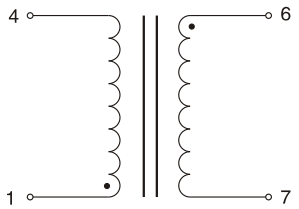


Fig 1

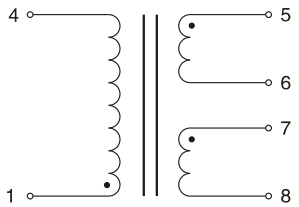
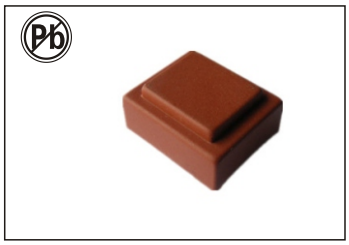


Fig 2



50/60HZ PCB MOUNT TRANSFORMERS-EI RANGE

1.2VA-1.5VA EI30-05-FE3005 SERIES

FEATURES :

.CE/VDE approved
.Potted under vacuum
.Dielectric strength- 4000Vrms
.Meet with UL94V-0 flammability requirements
.Insulation class- class B (130℃)

PACKAGE :

.Bulk packing

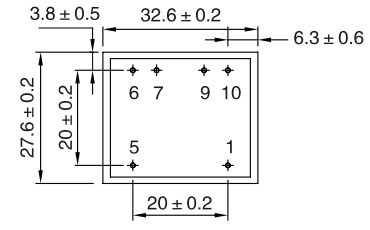
Custom design available

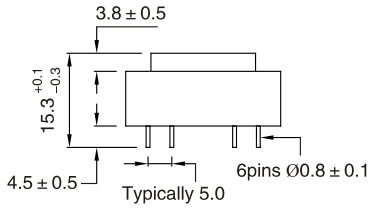
ELECTRICAL CHARACTERISTICS (@ 25℃)

Primary (230V)	Primary (115V)	Secondary (V/mA)	No-load voltage(V)	Fig.	Primary (230V)	Primary (115V)	Secondary (V/mA)	No-load voltage(V)	Fig.
FE3005001	FE3005101	6/83	0. 5	1	FE3005013	FE3005113	2X6/42	0. 5	2
FE3005002	FE3005102	6/100	0. 6	1	FE3005014	FE3005114	2X6/50	0. 6	2
FE3005003	FE3005103	9/56	0. 5	1	FE3005015	FE3005115	2X9/28	0. 5	2
FE3005004	FE3005104	9/67	0. 6	1	FE3005016	FE3005116	2X9/33	0. 6	2
FE3005005	FE3005105	12/42	0. 5	1	FE3005017	FE3005117	2X12/21	0. 5	2
FE3005006	FE3005106	12/50	0. 6	1	FE3005018	FE3005118	2X12/25	0. 6	2
FE3005007	FE3005107	15/33	0. 5	1	FE3005019	FE3005119	2X15/17	0. 5	2
FE3005008	FE3005108	15/40	0. 6	1	FE3005020	FE3005120	2X15/20	0. 6	2
FE3005009	FE3005109	18/28	0. 5	1	FE3005021	FE3005121	2X18/14	0. 5	2
FE3005010	FE3005110	18/33	0. 6	1	FE3005022	FE3005122	2X18/17	0. 6	2
FE3005011	FE3005111	24/21	0. 5	1	FE3005023	FE3005123	2X24/10	0. 5	2
FE3005012	FE3005112	24/25	0. 6	1	FE3005024	FE3005124	2X24/13	0. 6	2

・Frequency 50/60Hz
・Split–bobbin
・Potted under vacuum
・Temperature clas to 70℃/B
. weight:0.04kg

PHYSICAL CHARACTERISTICS





Recommended Drill–hole Diameter for 1.3mm pins

TECHNICAL INFORMATION

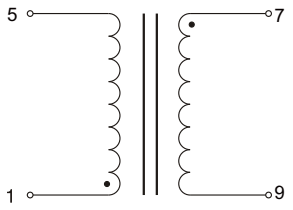


Fig 1

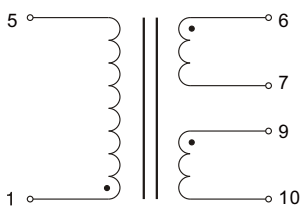
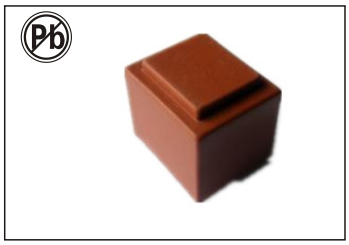


Fig 2



50/60HZ PCB MOUNT TRANSFORMERS-EI RANGE

1.2VA-1.5VA EI30-10.5-FE3010 SERIES

FEATURES :

.CE/VDE approved
.Potted under vacuum
.Dielectric strength- 4000Vrms
.Meet with UL94V-0 flammability requirements
.Insulation class- class B (130℃)

PACKAGE :

.Bulk packing

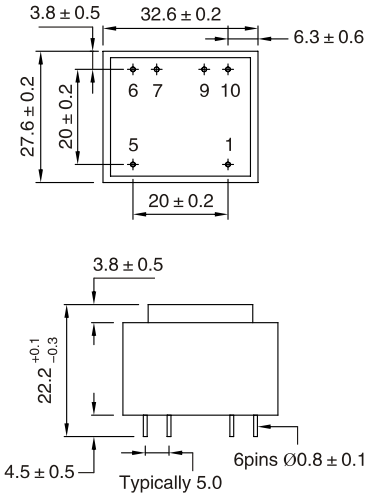
Custom design available

ELECTRICAL CHARACTERISTICS (@ 25℃)

Primary (230V)	Primary (115V)	Secondary (V/mA)	No-load voltage(V)	Fig.	Primary (230V)	Primary (115V)	Secondary (V/mA)	No-load voltage(V)	Fig.
FE3010001	FE3010101	6/200	1. 2	1	FE3010013	FE3010113	2X6/100	1. 2	2
FE3010002	FE3010102	6/250	1. 5	1	FE3010014	FE3010114	2X6/125	1. 5	2
FE3010003	FE3010103	9/133	1. 2	1	FE3010015	FE3010115	2X9/67	1. 2	2
FE3010004	FE3010104	9/166	1. 5	1	FE3010016	FE3010116	2X9/83	1. 5	2
FE3010005	FE3010105	12/100	1. 2	1	FE3010017	FE3010117	2X12/50	1. 2	2
FE3010006	FE3010106	12/125	1. 5	1	FE3010018	FE3010118	2X12/62	1. 5	2
FE3010007	FE3010107	15/80	1. 2	1	FE3010019	FE3010119	2X15/40	1. 2	2
FE3010008	FE3010108	15/100	1. 5	1	FE3010020	FE3010120	2X15/50	1. 5	2
FE3010009	FE3010109	18/67	1. 2	1	FE3010021	FE3010121	2X18/33	1. 2	2
FE3010010	FE3010110	18/83	1. 5	1	FE3010022	FE3010122	2X18/42	1. 5	2
FE3010011	FE3010111	24/50	1. 2	1	FE3010023	FE3010123	2X24/25	1. 2	2
FE3010012	FE3010112	24/62	1. 5	1	FE3010024	FE3010124	2X24/31	1. 5	2

・Frequency 50/60Hz
・Split–bobbin
・Potted under vacuum
・Temperature clas to 70℃/B
. weight:0.07kg

PHYSICAL CHARACTERISTICS



Recommended Drill–hole Diameter for 1.3mm pins

TECHNICAL INFORMATION

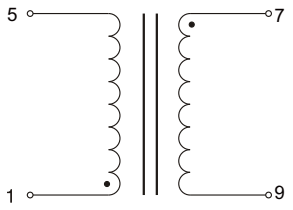


Fig 1

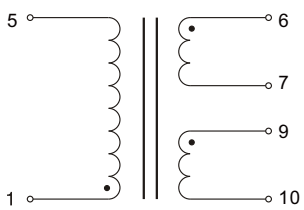
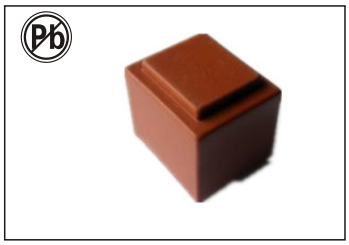


Fig 2



50/60HZ PCB MOUNT TRANSFORMERS-EI RANGE

1.5VA-1.8VA EI30-12.5-FE3012 SERIES

FEATURES :

.CE/VDE approved
.Potted under vacuum
.Dielectric strength- 4000Vrms
.Meet with UL94V-0 flammability requirements
.Insulation class- class B (130℃)

PACKAGE :

.Bulk packing

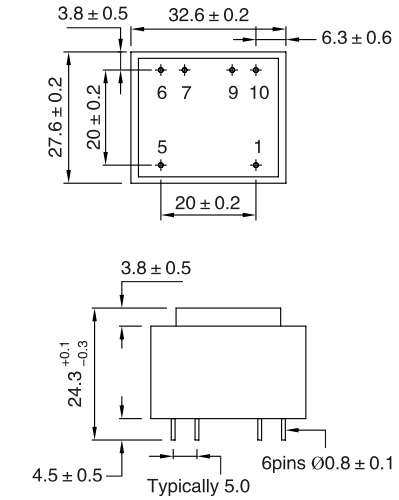
Custom design available

ELECTRICAL CHARACTERISTICS (@ 25℃)

Primary (230V)	Primary (115V)	Secondary (V/mA)	No-load voltage(V)	Fig.	Primary (230V)	Primary (115V)	Secondary (V/mA)	No-load voltage(V)	Fig.
FE3012001	FE3012101	6/250	1. 5	1	FE3012013	FE3012113	2X6/125	1. 5	2
FE3012002	FE3012102	6/300	1. 8	1	FE3012014	FE3012114	2X6/150	1. 8	2
FE3012003	FE3012103	9/167	1. 5	1	FE3012015	FE3012115	2X9/83	1. 5	2
FE3012004	FE3012104	9/200	1. 8	1	FE3012016	FE3012116	2X9/100	1. 8	2
FE3012005	FE3012105	12/125	1. 5	1	FE3012017	FE3012117	2X12/63	1. 5	2
FE3012006	FE3012106	12/150	1. 8	1	FE3012018	FE3012118	2X12/75	1. 8	2
FE3012007	FE3012107	15/100	1. 5	1	FE3012019	FE3012119	2X15/50	1. 5	2
FE3012008	FE3012108	15/120	1. 8	1	FE3012020	FE3012120	2X15/60	1. 8	2
FE3012009	FE3012109	18/83	1. 5	1	FE3012021	FE3012121	2X18/42	1. 5	2
FE3012010	FE3012110	18/100	1. 8	1	FE3012022	FE3012122	2X18/50	1. 8	2
FE3012011	FE3012111	24/63	1. 5	1	FE3012023	FE3012123	2X24/31	1. 5	2
FE3012012	FE3012112	24/75	1. 8	1	FE3012024	FE3012124	2X24/38	1. 8	2

・Frequency 50/60Hz
・Split–bobbin
・Potted under vacuum
・Temperature clas to 70℃/B
. weight:0.08kg

PHYSICAL CHARACTERISTICS



Recommended Drill–hole Diameter for 1.3mm pins

TECHNICAL INFORMATION

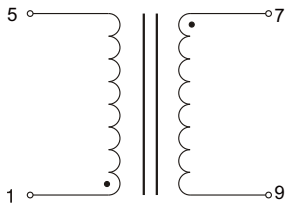


Fig 1

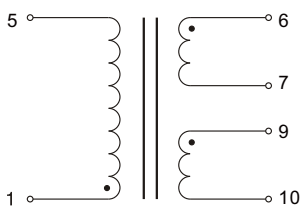
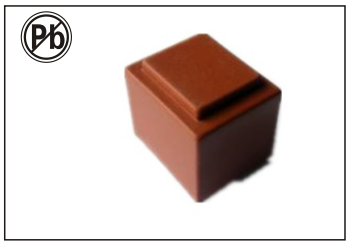


Fig 2



50/60HZ PCB MOUNT TRANSFORMERS-EI RANGE

2VA-2.4VA EI30-15.5-FE3015SERIES

FEATURES :

.CE/VDE approved
.Potted under vacuum
.Dielectric strength- 4000Vrms
.Meet with UL94V-0 flammability requirements
.Insulation class- class B (130℃)

PACKAGE :

.Bulk packing

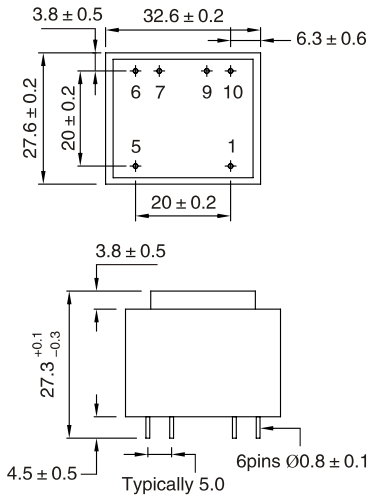
Custom design available

ELECTRICAL CHARACTERISTICS (@ 25℃)

Primary (230V)	Primary (115V)	Secondary (V/mA)	No-load voltage(V)	Fig.	Primary (230V)	Primary (115V)	Secondary (V/mA)	No-load voltage(V)	Fig.
FE3015001	FE3015101	6/333	2	1	FE3015013	FE3015113	2X6/167	2	2
FE3015002	FE3015102	6/400	2. 4	1	FE3015014	FE3015114	2X6/200	2. 4	2
FE3015003	FE3015103	9/222	2	1	FE3015015	FE3015115	2X9/111	2	2
FE3015004	FE3015104	9/267	2. 4	1	FE3015016	FE3015116	2X9/133	2. 4	2
FE3015005	FE3015105	12/167	2	1	FE3015017	FE3015117	2X12/83	2	2
FE3015006	FE3015106	12/200	2. 4	1	FE3015018	FE3015118	2X12/100	2. 4	2
FE3015007	FE3015107	15/133	2	1	FE3015019	FE3015119	2X15/67	2	2
FE3015008	FE3015108	15/160	2. 4	1	FE3015020	FE3015120	2X15/80	2. 4	2
FE3015009	FE3015109	18/111	2	1	FE3015021	FE3015121	2X18/56	2	2
FE3015010	FE3015110	18/133	2. 4	1	FE3015022	FE3015122	2X18/67	2. 4	2
FE3015011	FE3015111	24/83	2	1	FE3015023	FE3015123	2X24/42	2	2
FE3015012	FE3015112	24/100	2. 4	1	FE3015024	FE3015124	2X24/50	2. 4	2

・Frequency 50/60Hz
・Split–bobbin
・Potted under vacuum
・Temperature clas to 70℃/B
. weight:0.1kg

PHYSICAL CHARACTERISTICS



Recommended Drill–hole Diameter for 1.3mm pins

TECHNICAL INFORMATION

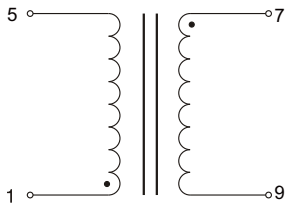


Fig 1

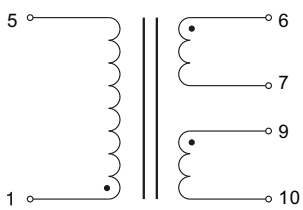
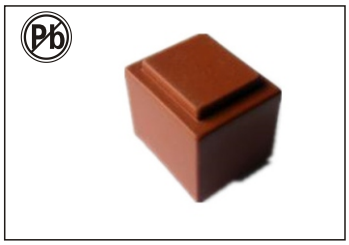


Fig 2



50/60HZ PCB MOUNT TRANSFORMERS-EI RANGE

2.3VA-2.8VA EI30-18-FE3018SERIES

FEATURES :

.CE/VDE approved
.Potted under vacuum
.Dielectric strength- 4000Vrms
.Meet with UL94V-0 flammability requirements
.Insulation class- class B (130℃)

PACKAGE :

.Bulk packing

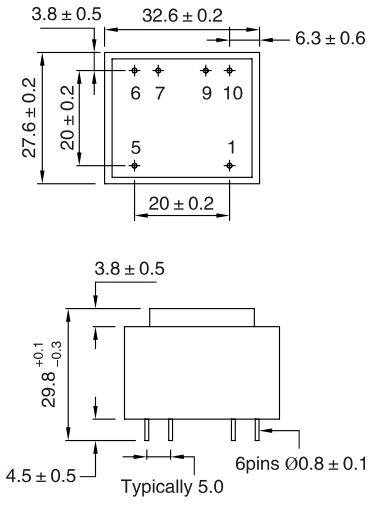
Custom design available

ELECTRICAL CHARACTERISTICS (@ 25℃)

Primary (230V)	Primary (115V)	Secondary (V/mA)	No-load voltage(V)	Fig.	Primary (230V)	Primary (115V)	Secondary (V/mA)	No-load voltage(V)	Fig.
FE3018001	FE3018101	6/333	2.3	1	FE3018013	FE3018113	2X6/167	2.3	2
FE3018002	FE3018102	6/400	2. 8	1	FE3018014	FE3018114	2X6/200	2. 8	2
FE3018003	FE3018103	9/222	2.3	1	FE3018015	FE3018115	2X9/111	2.3	2
FE3018004	FE3018104	9/267	2. 8	1	FE3018016	FE3018116	2X9/133	2. 8	2
FE3018005	FE3018105	12/167	2.3	1	FE3018017	FE3018117	2X12/83	2.3	2
FE3018006	FE3018106	12/200	2. 8	1	FE3018018	FE3018118	2X12/100	2. 8	2
FE3018007	FE3018107	15/133	2.3	1	FE3018019	FE3018119	2X15/67	2.3	2
FE3018008	FE3018108	15/160	2. 8	1	FE3018020	FE3018120	2X15/80	2. 8	2
FE3018009	FE3018109	18/111	2.3	1	FE3018021	FE3018121	2X18/56	2.3	2
FE3018010	FE3018110	18/133	2. 8	1	FE3018022	FE3018122	2X18/67	2. 8	2
FE3018011	FE3018111	24/83	2.3	1	FE3018023	FE3018123	2X24/42	2.3	2
FE3018012	FE3018112	24/100	2. 8	1	FE3018024	FE3018124	2X24/50	2. 8	2

・Frequency 50/60Hz
・Split–bobbin
・Potted under vacuum
・Temperature clas to 70℃/B
. weight:0.081kg

PHYSICAL CHARACTERISTICS



Recommended Drill–hole Diameter for 1.3mm pins

TECHNICAL INFORMATION

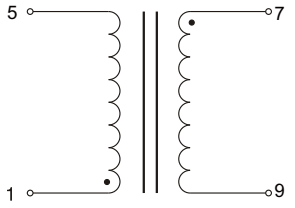


Fig 1

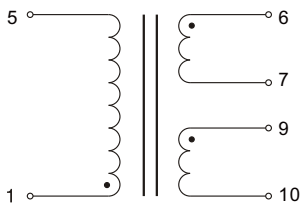
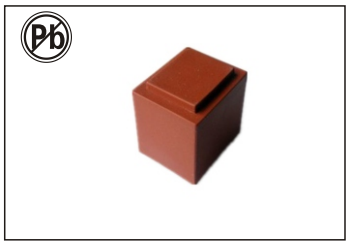


Fig 2



50/60HZ PCB MOUNT TRANSFORMERS-EI RANGE

2.8VA-3.2VA EI30-23-FE3023 SERIES

FEATURES :

.CE/VDE approved
.Potted under vacuum
.Dielectric strength- 4000Vrms
.Meet with UL94V-0 flammability requirements
.Insulation class- class B (130℃)

PACKAGE :

.Bulk packing

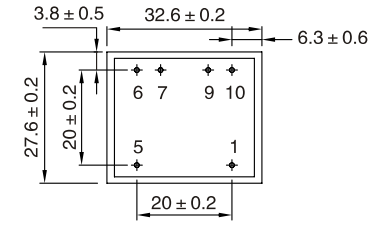
Custom design available

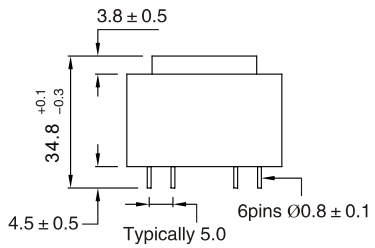
ELECTRICAL CHARACTERISTICS (@ 25℃)

Primary (230V)	Primary (115V)	Secondary (V/mA)	No-load voltage(V)	Fig.	Primary (230V)	Primary (115V)	Secondary (V/mA)	No-load voltage(V)	Fig.
FE3023001	FE3023101	6/467	2. 8	1	FE3023013	FE3023113	2X6/233	2. 8	2
FE3023002	FE3023102	6/533	3. 2	1	FE3023014	FE3023114	2X6/267	3. 2	2
FE3023003	FE3023103	9/311	2. 8	1	FE3023015	FE3023115	2X9/156	2. 8	2
FE3023004	FE3023104	9/356	3. 2	1	FE3023016	FE3023116	2X9/178	3. 2	2
FE3023005	FE3023105	12/233	2. 8	1	FE3023017	FE3023117	2X12/117	2. 8	2
FE3023006	FE3023106	12/267	3. 2	1	FE3023018	FE3023118	2X12/133	3. 2	2
FE3023007	FE3023107	15/187	2. 8	1	FE3023019	FE3023119	2X15/93	2. 8	2
FE3023008	FE3023108	15/213	3. 2	1	FE3023020	FE3023120	2X15/107	3. 2	2
FE3023009	FE3023109	18/156	2. 8	1	FE3023021	FE3023121	2X18/78	2. 8	2
FE3023010	FE3023110	18/178	3. 2	1	FE3023022	FE3023122	2X18/89	3. 2	2
FE3023011	FE3023111	24/117	2. 8	1	FE3023023	FE3023123	2X24/58	2. 8	2
FE3023012	FE3023112	24/133	3. 2	1	FE3023024	FE3023124	2X24/67	3. 2	2

・Frequency 50/60Hz
・Split–bobbin
・Potted under vacuum
・Temperature clas to 70℃/B
. weight:0.1kg

PHYSICAL CHARACTERISTICS





Recommended Drill–hole Diameter for 1.3mm pins

TECHNICAL INFORMATION

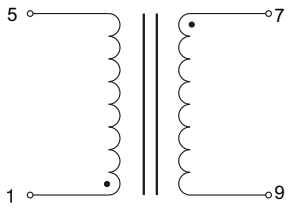


Fig 1

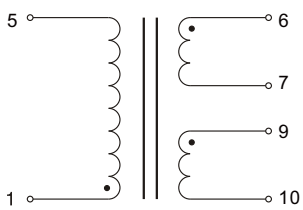
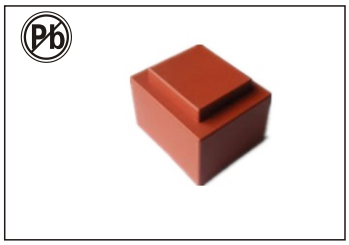


Fig 2



50/60HZ PCB MOUNT TRANSFORMERS-EI RANGE

3.5VA-4.0VA EI38-14-FE3814 SERIES

FEATURES :

.CE/VDE approved
.Potted under vacuum
.Dielectric strength- 4000Vrms
.Meet with UL94V-0 flammability requirements
.Insulation class- class B (130℃)

PACKAGE :

.Bulk packing

Custom design available

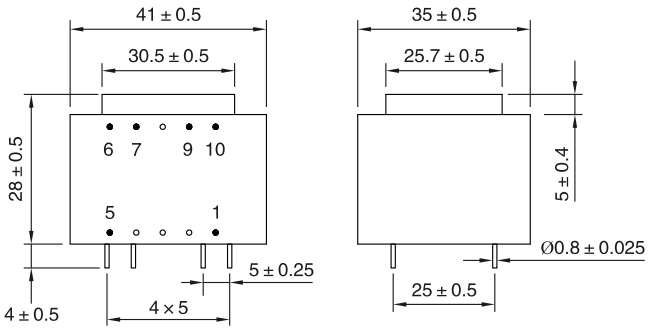
ELECTRICAL CHARACTERISTICS (@ 25℃)

Primary (230V)	Primary (115V)	Secondary (V/mA)	No-load voltage(V)	Fig.	Primary (230V)	Primary (115V)	Secondary (V/mA)	No-load voltage(V)	Fig.
FE3814001	FE3814101	6/583	3. 5	1	FE3814013	FE3814113	2X6/292	3. 5	2
FE3814002	FE3814102	6/666	4	1	FE3814014	FE3814114	2X6/333	4	2
FE3814003	FE3814103	9/389	3. 5	1	FE3814015	FE3814115	2X9/194	3. 5	2
FE3814004	FE3814104	9/444	4	1	FE3814016	FE3814116	2X9/222	4	2
FE3814005	FE3814105	12/292	3. 5	1	FE3814017	FE3814117	2X12/146	3. 5	2
FE3814006	FE3814106	12/333	4	1	FE3814018	FE3814118	2X12/166	4	2
FE3814007	FE3814107	15/233	3. 5	1	FE3814019	FE3814119	2X15/117	3. 5	2
FE3814008	FE3814108	15/266	4	1	FE3814020	FE3814120	2X15/133	4	2
FE3814009	FE3814109	18/194	3. 5	1	FE3814021	FE3814121	2X18/97	3. 5	2
FE3814010	FE3814110	18/222	4	1	FE3814022	FE3814122	2X18/111	4	2
FE3814011	FE3814111	24/146	3. 5	1	FE3814023	FE3814123	2X24/73	3. 5	2
FE3814012	FE3814112	24/166	4	1	FE3814024	FE3814124	2X24/83	4	2

・Frequency 50/60Hz
・Split–bobbin
・Potted under vacuum
・Temperature clas to 70℃/B
. weight:0.15kg

PHYSICAL CHARACTERISTICS

All dimensions in mm



Recommended Drill–hole Diameter for 1.3mm pins

TECHNICAL INFORMATION

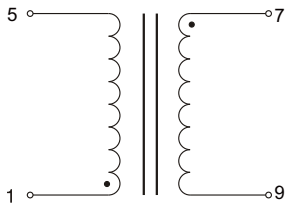


Fig 1

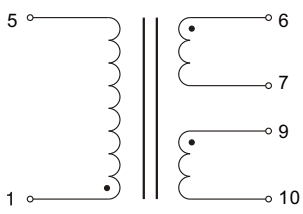
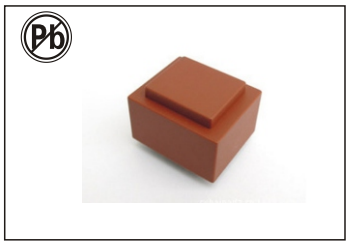


Fig 2



50/60HZ PCB MOUNT TRANSFORMERS-EI RANGE

5.0VA EI42-14-FE4214 SERIES

FEATURES :

.CE/VDE approved
.Potted under vacuum
.Dielectric strength- 4000Vrms
.Meet with UL94V-0 flammability requirements
.Insulation class- class B (130℃)

PACKAGE :

.Bulk packing

Custom design available

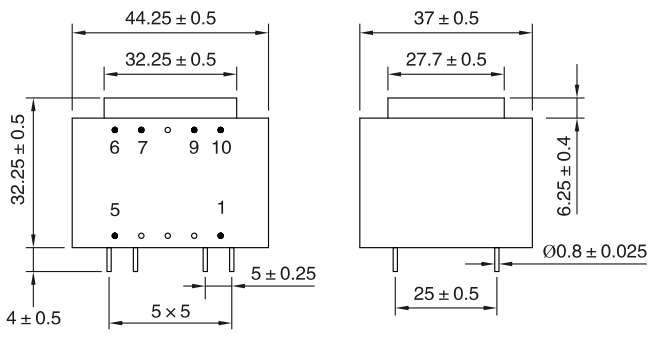
ELECTRICAL CHARACTERISTICS (@ 25℃)

Primary (230V)	Primary (115V)	Secondary (V/mA)	No-load voltage(V)	Fig.
FE4214001	FE4214101	6/833	5	1
FE4214002	FE4214102	2x6/417	5	2
FE4214003	FE4214103	9/556	5	1
FE4214005	FE4214105	2x9/278	5	2
FE4214005	FE4214105	12/417	5	1
FE4214006	FE4214106	2x12/208	5	2
FE4214007	FE4214107	15/333	5	1
FE4214008	FE4214108	2x15/167	5	2
FE4214009	FE4214109	18/278	5	1
FE4214010	FE4214110	18/139	5	2
FE4214011	FE4214111	24/208	5	1
FE4214012	FE4214112	2x24/104	5	2

・Frequency 50/60Hz
・Split–bobbin
・Potted under vacuum
・Temperature clas to 70℃/B
. weight:0.2kg

PHYSICAL CHARACTERISTICS

All dimensions in mm



Recommended Drill–hole Diameter for 1.3mm pins

TECHNICAL INFORMATION

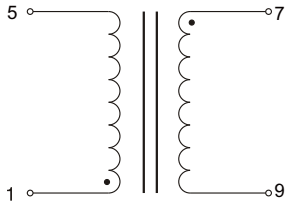


Fig 1

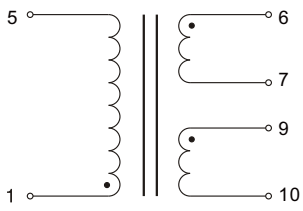
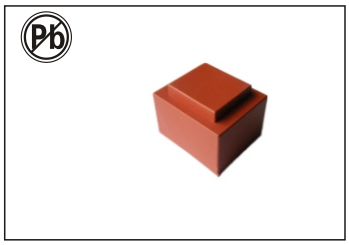


Fig 2



50/60HZ PCB MOUNT TRANSFORMERS-EI RANGE

8.0VA-10.0VA EI48-16-FE4816 SERIES

FEATURES :

.CE/VDE approved
.Potted under vacuum
.Dielectric strength- 4000Vrms
.Meet with UL94V-0 flammability requirements
.Insulation class- class B (130℃)

PACKAGE :

.Bulk packing

Custom design available

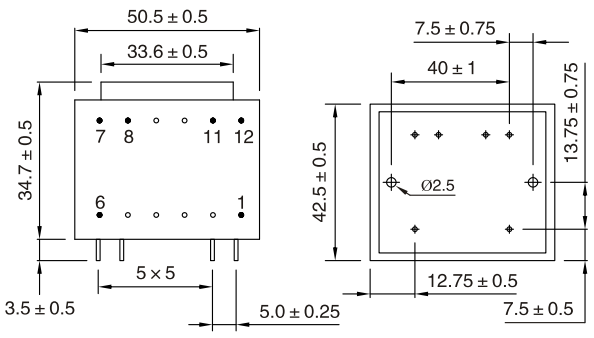
ELECTRICAL CHARACTERISTICS (@ 25℃)

Primary (230V)	Primary (115V)	Secondary (V/mA)	No-load voltage(V)	Fig.	Primary (230V)	Primary (115V)	Secondary (V/mA)	No-load voltage(V)	Fig.
FE4816001	FE4816101	6/1333	8	1	FE4816013	FE4816113	2X6/667	8	2
FE4816002	FE4816102	6/1667	10	1	FE4816014	FE4816114	2X6/833	10	2
FE4816003	FE4816103	9/889	8	1	FE4816015	FE4816115	2X9/444	8	2
FE4816004	FE4816104	9/1111	10	1	FE4816016	FE4816116	2X9/556	10	2
FE4816005	FE4816105	12/667	8	1	FE4816017	FE4816117	2X12/333	8	2
FE4816006	FE4816106	12/833	10	1	FE4816018	FE4816118	2X12/417	10	2
FE4816007	FE4816107	15/533	8	1	FE4816019	FE4816119	2X15/267	8	2
FE4816008	FE4816108	15/667	10	1	FE4816020	FE4816120	2X15/333	10	2
FE4816009	FE4816109	18/444	8	1	FE4816021	FE4816121	2X18/222	8	2
FE4816010	FE4816110	18/556	10	1	FE4816022	FE4816122	2X18/278	10	2
FE4816011	FE4816111	24/333	8	1	FE4816023	FE4816123	2X24/167	8	2
FE4816012	FE4816112	24/417	10	1	FE4816024	FE4816124	2X24/208	10	2

・Frequency 50/60Hz
・Split–bobbin
・Potted under vacuum
・Temperature clas to 70℃/B
. weight:0.3kg

PHYSICAL CHARACTERISTICS

All dimensions in mm



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

TECHNICAL INFORMATION

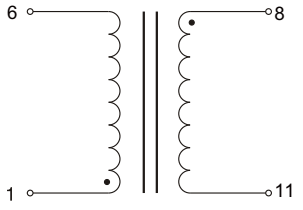


Fig 1

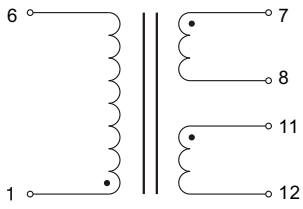
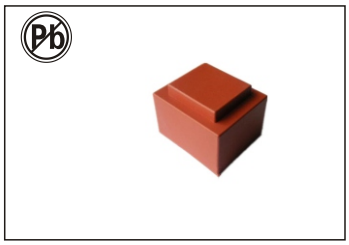


Fig 2



50/60HZ PCB MOUNT TRANSFORMERS-EI RANGE

10.0VA-12.0VA EI48-20-FE4820 SERIES

FEATURES :

.CE/VDE approved
.Potted under vacuum
.Dielectric strength- 4000Vrms
.Meet with UL94V-0 flammability requirements
.Insulation class- class B (130℃)

PACKAGE :

.Bulk packing

Custom design available

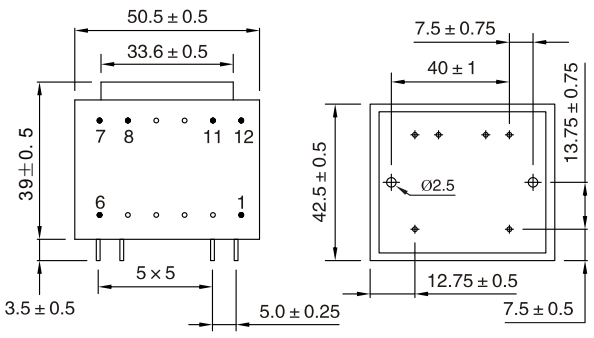
ELECTRICAL CHARACTERISTICS (@ 25℃)

Primary (230V)	Primary (115V)	Secondary (V/mA)	No-load voltage(V)	Fig.	Primary (230V)	Primary (115V)	Secondary (V/mA)	No-load voltage(V)	Fig.
FE4820001	FE4820101	6/1667	10	1	FE4820013	FE4820113	2X6/833	10	2
FE4820002	FE4820102	6/2000	12	1	FE4820014	FE4820114	2X6/1000	12	2
FE4820003	FE4820103	9/1111	10	1	FE4820015	FE4820115	2X9/556	10	2
FE4820004	FE4820104	9/1333	12	1	FE4820016	FE4820116	2X9/667	12	2
FE4820005	FE4820105	12/833	10	1	FE4820017	FE4820117	2X12/417	10	2
FE4820006	FE4820106	12/1000	12	1	FE4820018	FE4820118	2X12/500	12	2
FE4820007	FE4820107	15/667	10	1	FE4820019	FE4820119	2X15/333	10	2
FE4820008	FE4820108	15/800	12	1	FE4820020	FE4820120	2X15/400	12	2
FE4820009	FE4820109	18/556	10	1	FE4820021	FE4820121	2X18/278	10	2
FE4820010	FE4820110	18/667	12	1	FE4820022	FE4820122	2X18/333	12	2
FE4820011	FE4820111	24/417	10	1	FE4820023	FE4820123	2X24/208	10	2
FE4820012	FE4820112	24/500	12	1	FE4820024	FE4820124	2X24/250	12	2

・Frequency 50/60Hz
・Split–bobbin
・Potted under vacuum
・Temperature clas to 70℃/B
. weight:0.3kg

PHYSICAL CHARACTERISTICS

All dimensions in mm



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

TECHNICAL INFORMATION

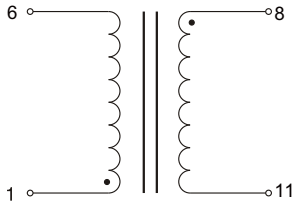


Fig 1

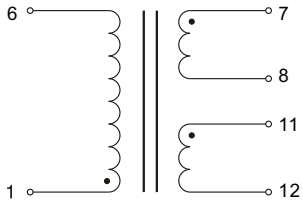
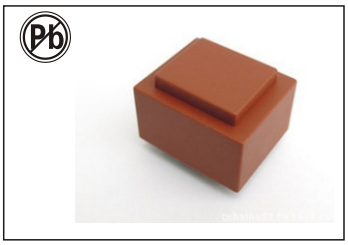


Fig 2



50/60HZ PCB MOUNT TRANSFORMERS-EI RANGE

13.0VA-16.0VA EI54-20-FE5420 SERIES

FEATURES :

- .CE/VDE approved
- .Potted under vacuum
- .Dielectric strength- 4000Vrms
- .Meet with UL94V-0 flammability requirements
- .Insulation class- class B (130℃)

PACKAGE :

. **Bulk packing**

Custom design available

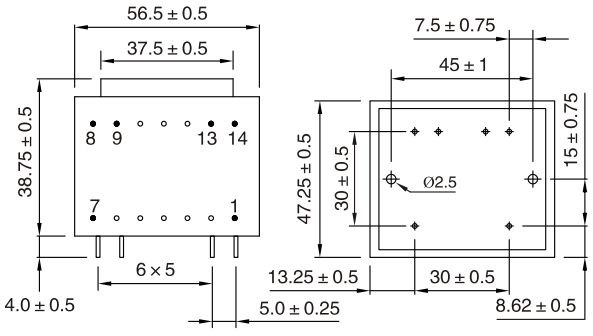
ELECTRICAL CHARACTERISTICS (@ 25℃)

Primary (230V)	Primary (115V)	Secondary (V/mA)	No-load voltage(V)	Fig.	Primary (230V)	Primary (115V)	Secondary (V/mA)	No-load voltage(V)	Fig.
FE5420001	FE5420101	6/2167	13	1	FE5420013	FE5420113	2X6/1083	13	2
FE5420002	FE5420102	6/2667	16	1	FE5420014	FE5420114	2X6/1333	16	2
FE5420003	FE5420103	9/1444	13	1	FE5420015	FE5420115	2X9/722	13	2
FE5420004	FE5420104	9/1778	16	1	FE5420016	FE5420116	2X9/889	16	2
FE5420005	FE5420105	12/1083	13	1	FE5420017	FE5420117	2X12/542	13	2
FE5420006	FE5420106	12/1333	16	1	FE5420018	FE5420118	2X12/667	16	2
FE5420007	FE5420107	15/867	13	1	FE5420019	FE5420119	2X15/433	13	2
FE5420008	FE5420108	15/1067	16	1	FE5420020	FE5420120	2X15/533	16	2
FE5420009	FE5420109	18/722	13	1	FE5420021	FE5420121	2X18/361	13	2
FE5420010	FE5420110	18/889	16	1	FE5420022	FE5420122	2X18/444	16	2
FE5420011	FE5420111	24/542	13	1	FE5420023	FE5420123	2X24/271	13	2
FE5420012	FE5420112	24/667	16	1	FE5420024	FE5420124	2X24/333	16	2

- ・Frequency 50/60Hz
- ・Split–bobbin
- ・Potted under vacuum
- ・Temperature clas to 70℃/B
- . weight:0.4kg

PHYSICAL CHARACTERISTICS

All dimensions in mm



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

TECHNICAL INFORMATION

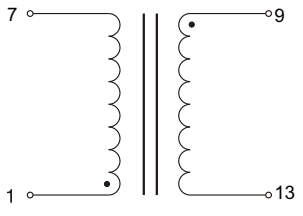


Fig 1

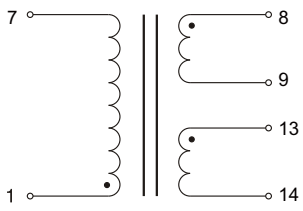
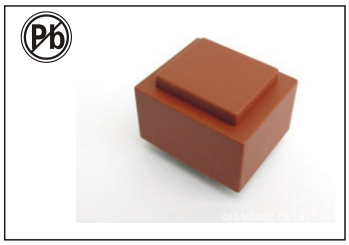


Fig 2



50/60HZ PCB MOUNT TRANSFORMERS-EI RANGE

22W EI60-21-FE6021 SERIES

FEATURES :

.CE/VDE approved
.Potted under vacuum
.Dielectric strength- 4000Vrms
.Meet with UL94V-0 flammability requirements
.Insulation class- class B (130℃)

PACKAGE :

.Bulk packing

Custom design available

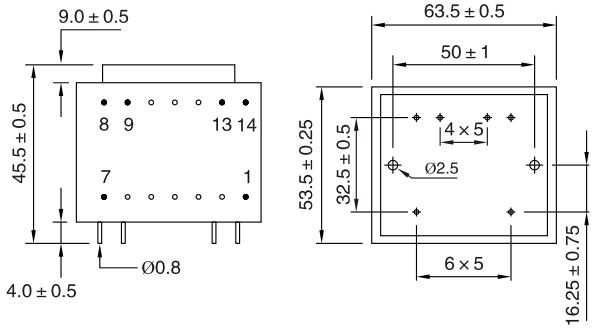
ELECTRICAL CHARACTERISTICS (@ 25℃)

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
FE6021001	6	3667	6.8	T50B	22	FE6021101	6	3667	6.8	T50B	22
FE6021002	9	2444	10.3	T50B	22	FE6021102	9	2444	10.3	T50B	22
FE6021003	12	1833	13.7	T50B	22	FE6021103	12	1833	13.7	T50B	22
FE6021004	15	1467	17.1	T50B	22	FE6021104	15	1467	17.1	T50B	22
FE6021005	18	1222	20.5	T50B	22	FE6021105	18	1222	20.5	T50B	22
FE6021006	24	917	27.3	T50B	22	FE6021106	24	917	27.3	T50B	22
FE6021007	2×6	2×1833	2×6.8	T50B	22	FE6021107	2×6	2×1833	2×6.8	T50B	22
FE6021008	2×9	2×1222	2×10.3	T50B	22	FE6021108	2×9	2×1222	2×10.3	T50B	22
FE6021009	2×12	2×917	2×13.7	T50B	22	FE6021109	2×12	2×917	2×13.7	T50B	22
FE6021010	2×15	2×733	2×17.1	T50B	22	FE6021110	2×15	2×733	2×17.1	T50B	22
FE6021011	2×18	2×611	2×20.5	T50B	22	FE6021111	2×18	2×611	2×20.5	T50B	22
FE6021012	2×24	2×458	2×27.3	T50B	22	FE6021112	2×24	2×458	2×27.3	T50B	22

・Frequency 50/60Hz
・Split-bobbin
・Potted under vacuum
・Temperature clas to 70℃/B
. weight:0.55kg

PHYSICAL CHARACTERISTICS

All dimensions in mm



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

TECHNICAL INFORMATION

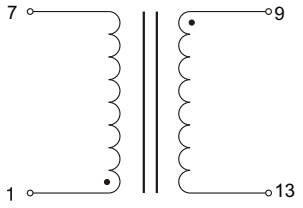


Fig 1

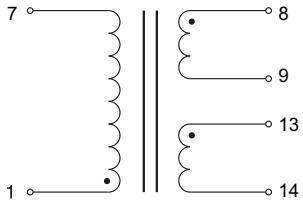
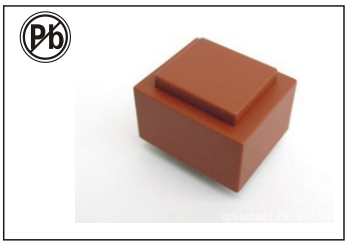


Fig 2



50/60HZ PCB MOUNT TRANSFORMERS-EI RANGE

30W EI66-23-FE6623 SERIES

FEATURES :

.CE/VDE approved
.Potted under vacuum
.Dielectric strength- 4000Vrms
.Meet with UL94V-0 flammability requirements
.Insulation class- class B (130℃)

PACKAGE :

.Bulk packing

Custom design available

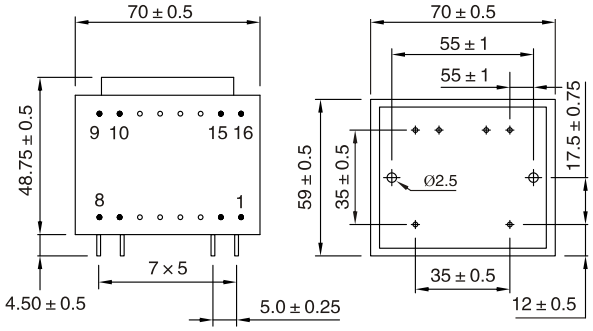
ELECTRICAL CHARACTERISTICS (@ 25℃)

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
FE6623001	6	5000	6.9	T50B	30	FE6623101	6	5000	6.9	T50B	30
FE6623002	9	333	10.3	T50B	30	FE6623102	9	333	10.3	T50B	30
FE6623003	12	2500	13.8	T50B	30	FE6623103	12	2500	13.8	T50B	30
FE6623004	15	2000	17.2	T50B	30	FE6623104	15	2000	17.2	T50B	30
FE6623005	18	1667	20.8	T50B	30	FE6623105	18	1667	20.8	T50B	30
FE6623006	24	1250	27.7	T50B	30	FE6623106	24	1250	27.7	T50B	30
FE6623007	2×6	2×2500	2×6.9	T50B	30	FE6623107	2×6	2×2500	2×6.9	T50B	30
FE6623008	2×9	2×1667	2×10.3	T50B	30	FE6623108	2×9	2×1667	2×10.3	T50B	30
FE6623009	2×12	2×1250	2×13.8	T50B	30	FE6623109	2×12	2×1250	2×13.8	T50B	30
FE6623010	2×15	2×1000	2×17.2	T50B	30	FE6623110	2×15	2×1000	2×17.2	T50B	30
FE6623011	2×18	2×833	2×20.8	T50B	30	FE6623111	2×18	2×833	2×20.8	T50B	30
FE6623012	2×24	2×625	2×27.7	T50B	30	FE6623112	2×24	2×625	2×27.7	T50B	30

- Frequency 50/60Hz
- Split-bobbin
- Potted under vacuum
- Temperature clas to 70℃/B
- weight:0.7kg

PHYSICAL CHARACTERISTICS

All dimensions in mm



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

TECHNICAL INFORMATION

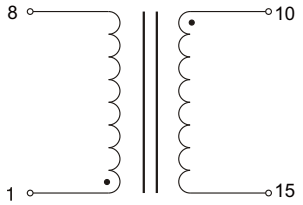


Fig 1

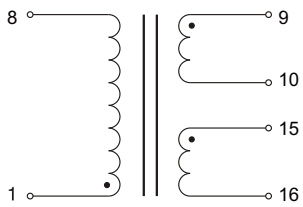


Fig 2