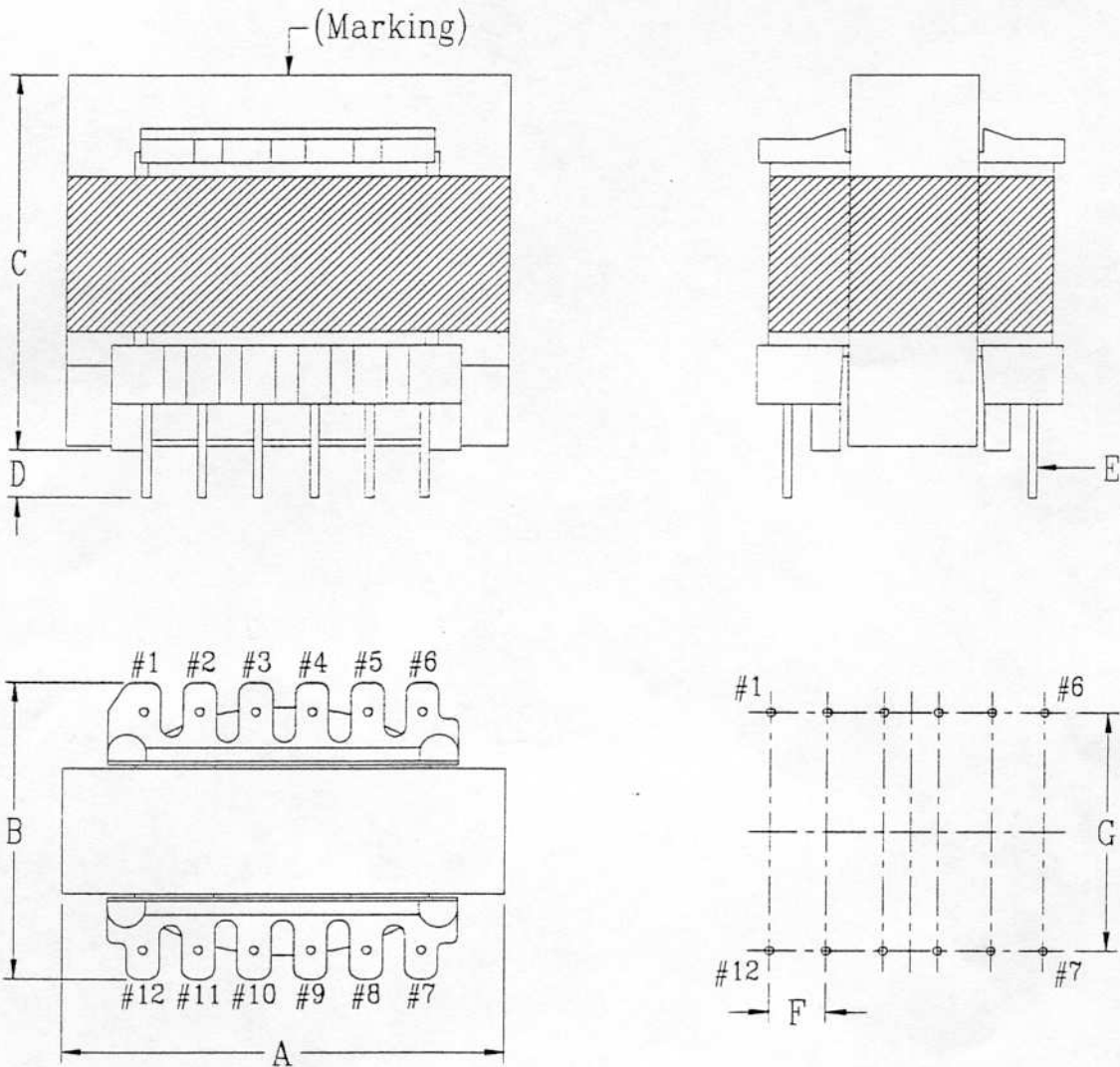


Customer :	Linpo Technology Ltd.	Revision :	Ø
Description :	Transformer	Date of Issue :	25 July, 1998
Part Number :		Prepared By :	Anson L.
Thai Lin Type :	TL174035-010	Approved By :	bury

(A) Physical Dimension:

Note: (1) Marking shown P/N ("TL174035-010") & date code ("YYWW").

	A	B	C	D	E	F	G
Dimension (mm)	42.0	30.0	37.0	4.5	φ0.8	5.0	22.5
Tolerance (±mm)	max.	max.	max.	1.0	0.1	0.2	0.2

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(B) Layer Construction:

Tape, 2Ts
N4
Tape, 2Ts
N3
Tape, 2Ts
N2
Tape, 2Ts
N1
Bobbin

(C) Winding Information :

Sequence	Item	Material	Start	Finish	Turns
1	N1	Enameled Copper Wire, 2UEW $\phi 0.5\text{mm} \times 2$	3	2	18
2	N2	Enameled Copper Wire, 2UEW $\phi 0.8\text{mm} \times 2$	8	11	7
3	N3	Enameled Copper Wire, 2UEW $\phi 0.5\text{mm} \times 2$	2	1	17
4	N4	Enameled Copper Wire, 2UEW $\phi 0.23\text{mm} \times 2$	4	5	10

(D) External Copper Shield:

The transformer shall be shielded with one layer of copper foil 14.5mm x 0.1mm wrapped circumferentially around the bobbin and core assembly.

(E) Core Gapping:

The core center leg shall be gapped, providing the required inductance.

(F) Finish:

Vacuum Varnishing.

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Part Number :		Prepared By :	Ansonh.
Thai Lin Type :	TL174035-010	Approved By :	Long

(G) Electrical Characteristics:

Inductance (1KHz/10mArms)	Pin #3 - #1	395 μ H $\pm$ 5%
DCR	Pin #3 - #2 Pin #2 - #1 Pin #4 - #5 Pin #8 - #11	65m Ω max. 80m Ω max. 250m Ω max. 15m Ω max.
Dielectric Strength	P - S, P - C, S - C	1200V, 50/60Hz, 3 seconds, 0.5mA max.

(H) Material List :

Item	Material	Manufacturer	UL File
Core	Ferrite core, EI40 2500B or BH2; or Ferrite core, EI40 PM1; or equivalent	Tokin Isu Cera	—
Bobbin	EI40, Vertical, 12 Pins, Phenolic	Chang Chun Plastics Co. Ltd.	E59481(S)
Winding	Polyurethane enameled copper wire, 2UEW	Ta Heng Electric Wire & Cable Co. Ltd.	E84201(S)
Insulation Tape	Polyester Film Tape, PZ280; or Polyester Film Tape, 630F; or Polyester Film Tape, 1P130	Jingjiang Pressure Sensitive Glue Fty. Teraoka Seisakusho Co. Ltd. P Leo & Co. (B C) Ltd.	E165111(N) E56086(S) E126174(S)
Copper Foil	Copper Foil, 0.1mm thick	Various	—
Varnish	BC-359	John C. Dolph Co.	E76517(M)