

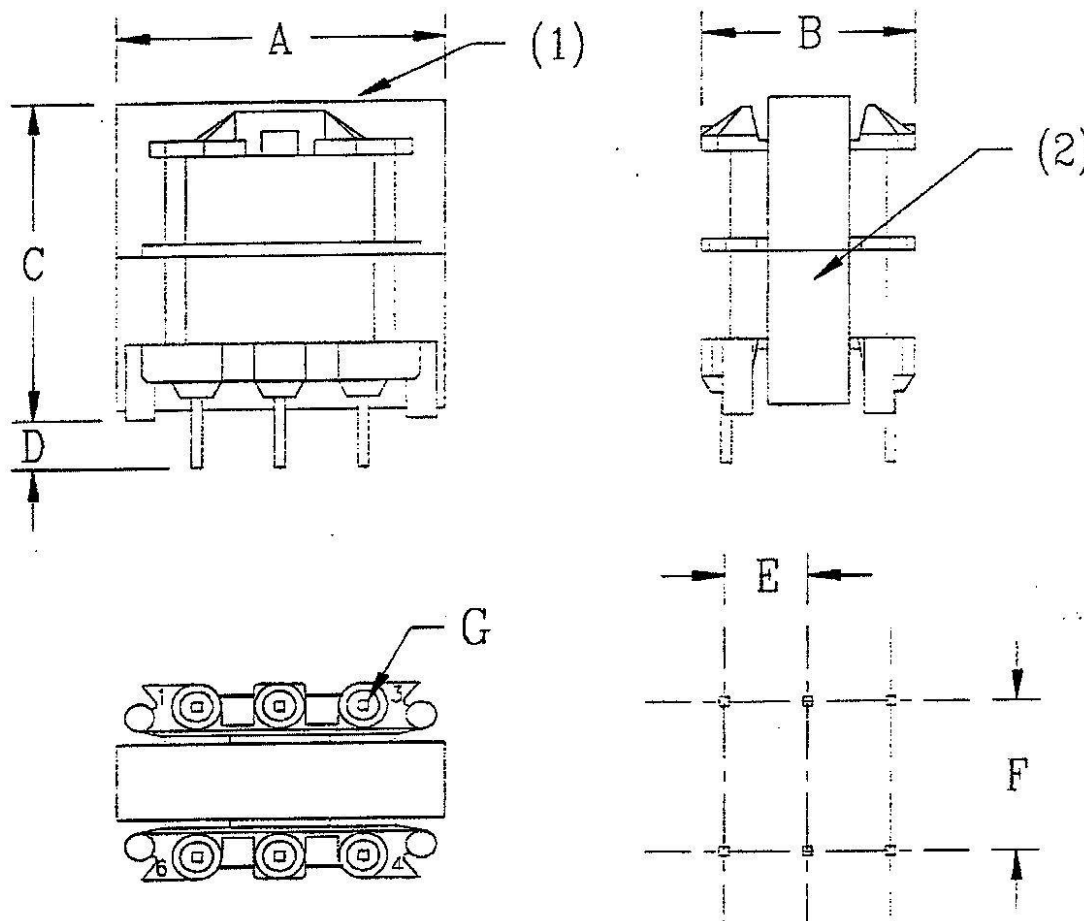


THAI LIN RADIO COIL MFY. LTD.

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Customer :		Revision :	Ø
Description :	Line Filter	Date of Issue :	25 July, 1998.
Part Number :		Prepared By :	<i>ali</i>
Thai Lin Type :	TL112020-101	Approved By :	<i>bing</i>

Physical Dimension:



Note: (1) Marking 1 shown P/N ("TL112020-101").
(2) Marking 2 shown date code.
(3) Blue dot locates Pin #1 position.

	A	B	C	D	E	F	G
Dimension (mm)	22	15	23	3.5	5.08	10	0.64x0.64
Tolerance ($\pm$ mm)	max.	max.	max.	0.5	0.2	0.5	0.1

March 1998

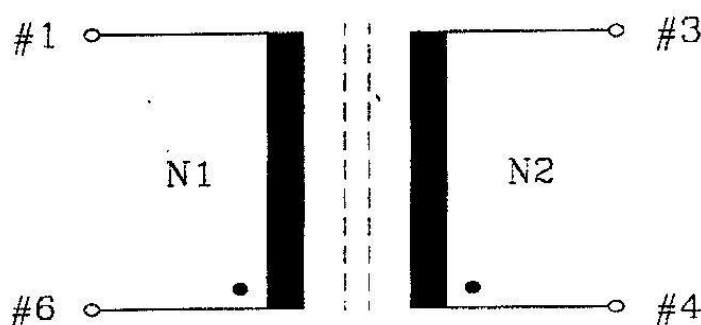


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Electrical Schematic:



Winding Information :

Sequence	Item	Material	Start	Finish	Turns
1	N1	Enameled Copper Wire, 2UEW $\phi 0.25 \text{ mm} \times 2$	6	1	85.5
2	N2	Enameled Copper Wire, 2UEW $\phi 0.25 \text{ mm} \times 2$	4	3	85.5

Electrical Characteristics:

Inductance (1kHz/300mV rms)	Pin #6 - #1 Pin #4 - #3	1.1 mH $\pm 20\%$ 1.1 mH $\pm 20\%$
DCR	Pin #6 - #1 Pin #4 - #3	0.8 Ω max. 0.8 Ω max.
Dielectric Strength	Winding - Winding Winding - Core	AC 1000V, 50/60Hz, 0.5mA max. for 1 minute AC 1000V, 50/60Hz, 0.5mA max. for 1 minute



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Core Gapping:

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

Finish:

Vacuum Varnishing.

Material List :

Item	Material	Manufacturer	UL File
Core	Ferrite Core EF20 N27; PL3 or equivalent	Siemens Samhwa Electronics Co., Ltd.	--
Bobbin	EF20, Vertical, 6 pins, Rynite FR530, 2 sections	EI Dupont	E69578(M)
Winding	Polyurethane enameled copper wire, 2UEW	Ta Heng Electric Wire & Cable Co., Ltd.	E84201(S)
Varnish	BC-359	John C. Dolph Co.	E76517(M)