

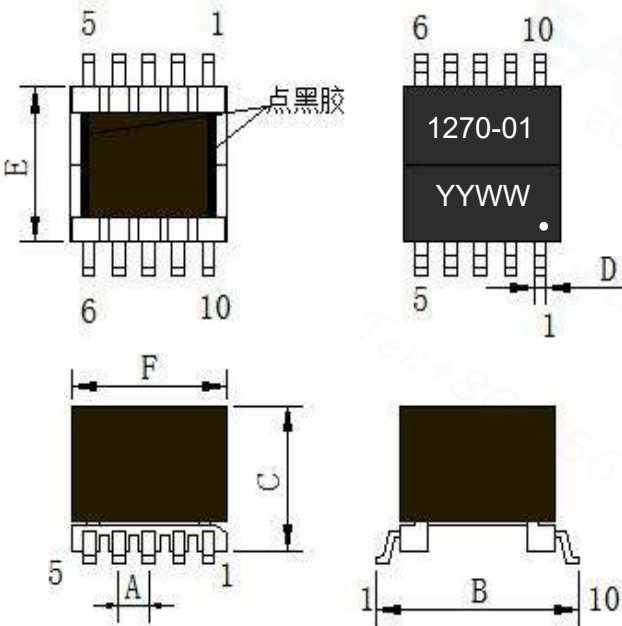
High Frequency Transformer

EP13-1270-01

2024-10-22 Rev. 0



A. MECHANICAL(unit:mm)

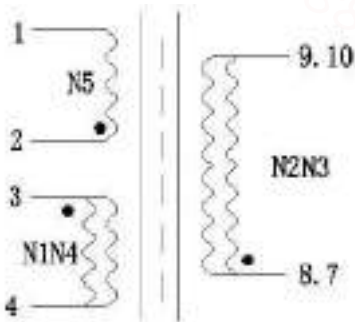


A	2.5±0.5
B	17.0±0.5
C	13.0 Max
D	SQ0.7±0.1
E	13.0±0.5
F	14.5 Max

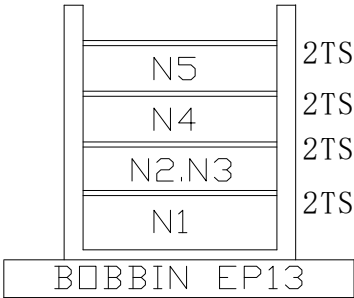
matters need attention :

- 1.The stamp on the top of the finished product is shown in the figure above (YYWW represents the year and week);
- 2.Mark the top of PIN1 with a white dot;
- 3.Magnetic core grinding air gap, with 7.5mm brown high temperature tape package 2TS;
4. The finished product does not need to be immersed in insulating paint, and points epoxy glue to fix the contact point between the magnetic core and the coil, as shown above.

B. SCHEMATICS



C. Planc surface figure



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D. ELECTRIC CHARACTERICS

NO.	ITEMS	TEMINAL	SPECIFICATION	TEST CONDITION	TESTING INSTRUMENT
1	INDUCTANCE	3-4	127uH±10%	@200KHz/0.1V	ZX2789
2	LEAKAGE INDUCTANCE	3-4	0.95uH Max	@200KHz/0.1V (Short other PIN)	
3	DCR	3-4	222mΩ Max	@25℃	ZX2789
		2-1	39mΩ Max		
		7,8-9,10	384mΩ Max		
4	T/R	(3-4):(7,8-9,10):(2-1)	14:17±0.7TS	@15.75KHz/1V	ZX2789
5	HI-POT	PRI-SEC	1.5KVAC/5mA/3S		LK2670A
		PRI-CORE	0.5KVAC/5mA/3S		
		SEC-CORE	0.5KVAC/5mA/3S		
6	Saturation Current	3-4	1A min @ △ L/L>90%		ZX1379

- Electrical Specifications @ 25℃
- In the production of products, all electrical properties and electrical strength must be tested
- RoHS compliant
- Operating Temperature Range: -40℃ to +85℃
- Storage Temperature Range: -55℃ to +105℃

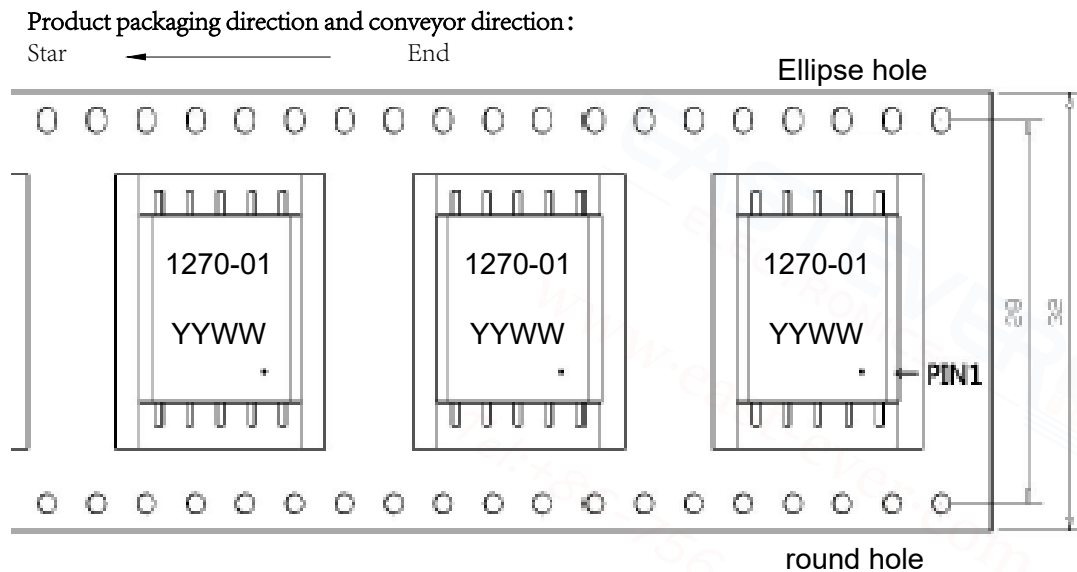
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E. Package



1. Roll tape model: EP13-SMD-PS black 0.5 * 32 * 4.996M;
2. The total number of tapes is 204, the first one is empty 2, the end is empty 2, the total number of each roll is 200;
3. The origin of PIN1 pin corresponds to the round hole of the coil belt;
4. A box of 8 rolls, 1600 pieces per box, a layer of 3mm pearl cotton between each roll, and then twine 2 layers in all directions with a drawing die;
5. Carton size: 350 * 350 * 360, carton products up and down the bedding a layer of foam board;
6. Label printing company name, product name, product model, quantity, date, paste in the upper left corner of the side of the carton;

