Customer : LINEAR TECHNOLOGY	Specification (Change History)	Type CEP1311F

Change Mark	Change Date	Request No.	Change content	Requested by

Note:					
Made: 26th.Apr.,2016			LINEAR Part Name (Customer Part Name)	13324-T083	
Approved by	Checked by	R&D	Type code	13324	
WEI SHAOHONG	ZENG YUNXIA	JIANG ZHIMING LLZ	Sample No.	13324-T083	Spec. No. S-0227-6240 1/3

Specification

1. Scope & Precautions
   Refer to S-074-1511.

2. Appearance
   2-1. Dimension(mm)

13.5 Max. 12.5 Max.

15.0 Max.

18.0 Max.
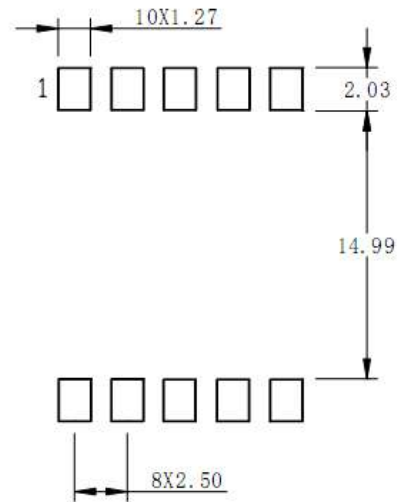
6 10
5 1

10 6
1 5

8-2.5   0.7

Dot indicates pin1
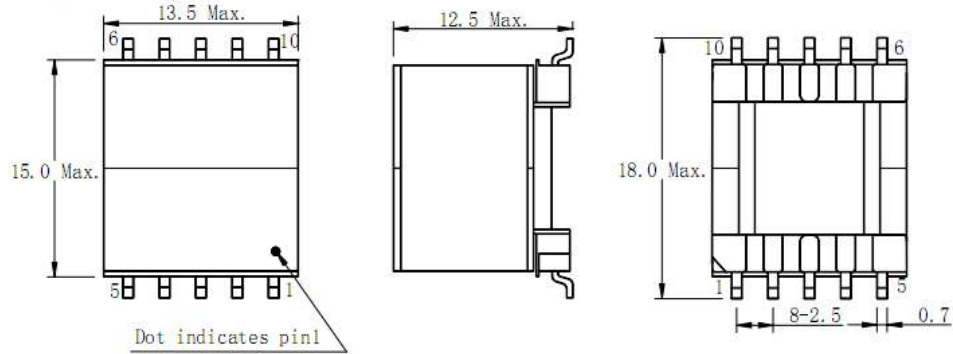
* Dimension without tolerance is reference.
* The dimension of terminals don't include the solder.
* Terminal coplanarity : Max. 0.10mm.

2-2. Stamp
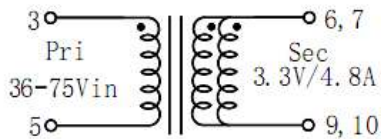
6 10

Sumida
T083

Date code

5 1
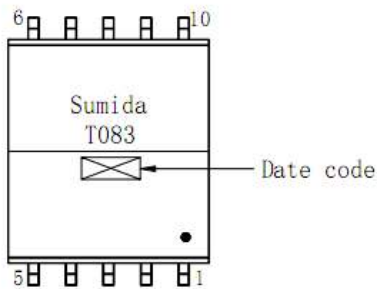
2-3. Recommended land pattern (mm)

10X1.27

1

2.03

14.99

8X2.50

3. Coil specification
   3-1. Schematic

3 ○   ○ 6, 7
      Pri   Sec
   36-75Vin   3.3V/4.8A
5 ○   ○ 9, 10

"●" Indicates the polarity.

RoHS
compliance
Cd:Max.0.01wt%
others:Max.0.1wt%

sumida

3-2. Electrical characteristics(At 25℃, unless otherwise specified).

Item		Specification	Measuring conditions
Inductance	(3-5)	40μH±10% Within	100kHz, 0.1V
Leakage inductance	(3-5)	2.0μH Max.	100kHz, 0.1V, Tie(6+7+9+10)
DCR	(3-5)	130mΩ Max	
DCR	(6,7-9,10)	5.0mΩ Max	
Turns ratio	(3-5):(6,7-9,10)	8:1±3%	
Hi Pot	(1,2,3,5)-(6,7,9,10)	AC 1500Vrms 2Secons	0.5mA, 50/60Hz
Rated current	(3-5)	DC 3A	

＊ The rated current indicates the inductance will decrease to be its 85% of its original ones when the rated current is applied on it.

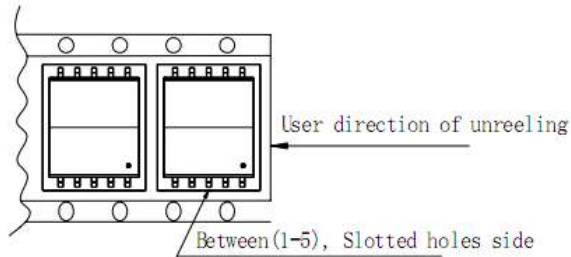4. General characteristics

4-1. Storage temperature range : −40℃ ～ +85℃

4-2. Operating temperature range: −40℃ ～ +85℃ (Including coil's temperature rise)

4-3. Resistance to reflow heat test: Refer to S-074-1516.

4-4. Recommended reflow condition : Refer to S-074-1518.

5. Packing specification
5-1. Enclosing direction of parts.

User direction of unreeling

Between(1-5), Slotted holes side

The side with stamp is upward.
5-2. Packing method refers to specification. (S-0074-5753)

Note :	Spec. No.
	S−0227−6240
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