



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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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 ZHMING LLZ	Sample No.	13324-T083 Spec. No. S-0227-6240 1/3

Specification

Type

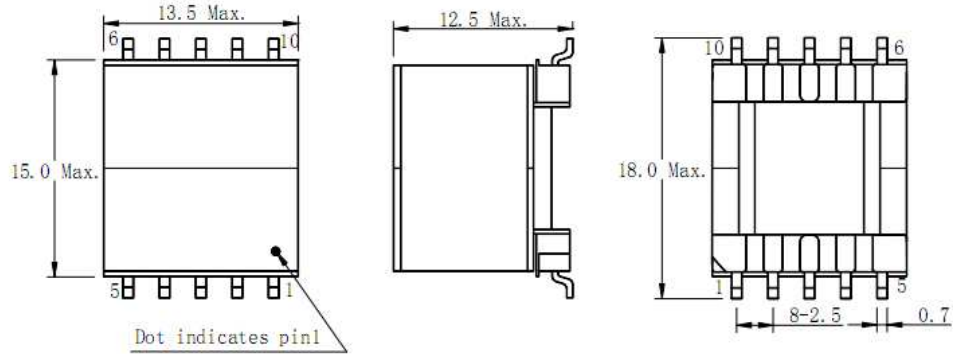
CEP1311F

1. Scope & Precautions

Refer to S-074-1511.

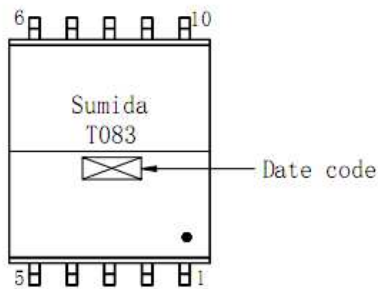
2. Appearance

2-1. Dimension (mm)

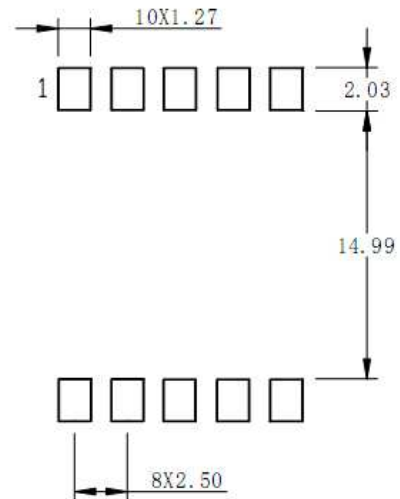


- * Dimension without tolerance is reference.
- * The dimension of terminals don't include the solder.
- * Terminal coplanarity : Max. 0.10mm.

2-2. Stamp

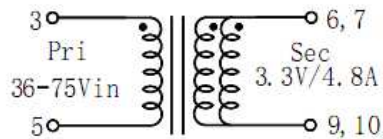


2-3. Recommended land pattern (mm)



3. Coil specification

3-1. Schematic



“●” Indicates the polarity.

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

Note :

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Specification

Type
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3-2. Electrical characteristics (At 25°C, unless otherwise specified).

Item	Specification	Measuring conditions
Inductance (3-5)	40 μ H \pm 10% Within	100kHz, 0.1V
Leakage inductance (3-5)	2.0 μ H Max.	100kHz, 0.1V, Tie(6+7+9+10)
DCR (3-5)	130m Ω Max	
DCR (6, 7-9, 10)	5.0m Ω Max	
Turns ratio (3-5) : (6, 7-9, 10)	8:1 \pm 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°C ~ +85°C

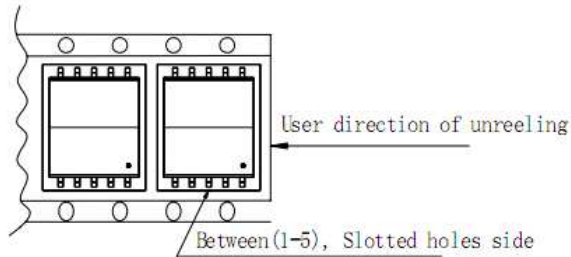
4-2. Operating temperature range: -40°C ~ +85°C (Including coil's temperature rise)

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.



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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