

DC/DC Transformer

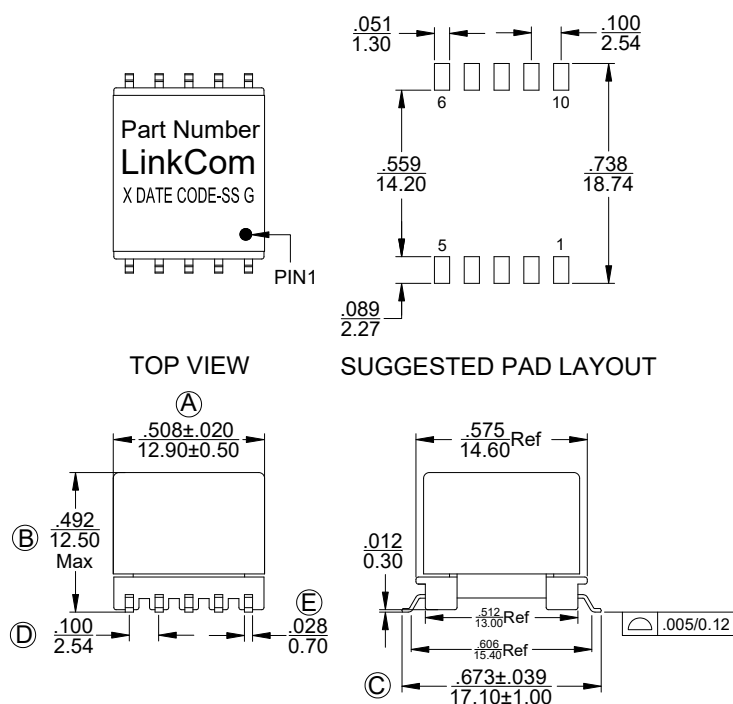
- Flyback Transformer for PoE applications
- RoHS Compliant
- Operating Temperature -40°C to +125°C
- Storage Temperature -40°C to +85°C

Electrical Specifications @25°C

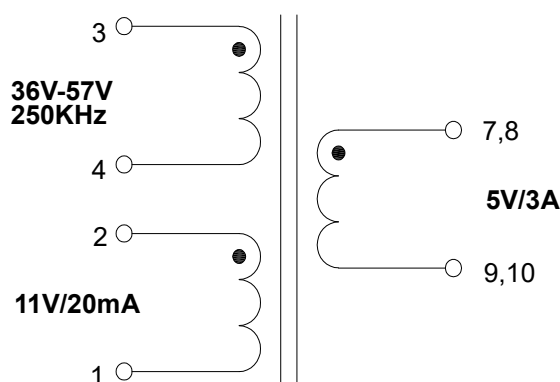
Inductance:	PIN 3-4 = 127uH ±10% @ 250KHz/0.1V
Leakage Inductance:	PIN 3-4 = 1.50uH Max. @ 250KHz/0.1V(Pin 2,1 shorted and Pin 7,8,9,10 shorted)
D.C.R	PIN 3-4 = 220 mohm Max.
	PIN 2-1 = 155 mohm Max.
	PIN 7,8-9,10 = 18.0 mohm Max.(Pin 7,8 shorted and Pin 9,10 shorted)
Turn Ratio:	PIN 3-4 : PIN 2-1 = 1.88±3%:1
	PIN 3-4 : PIN 7,8-9,10 = 4.29±3%:1(Pin 7,8 shorted and Pin 9,10 shorted)
Hi-POT :	PRI. – SEC. = 1500V _{AC} /2Sec/1mA

Dimensions

(Units: $\frac{\text{inches}}{\text{mm}}$, Unless otherwise specified, all tolerances are $\pm \frac{.010}{0.25}$)



Schematic



Secondary windings to be connected in parallel on PC board.

Mark

- 1.Part Number----LDT0658
2. X----PRODUCT LINE or BLANK
3. DATE CODE----YYWW
4. SS----52
5. G----RoHS

Package info

LDT0658-52R - Tape reel

Winding Method

Winding Method:

	Start	Finish	Winding (Tape)	Turns	TUBE S/F		W/M	备注
1	3	4	Φ0.20	30				
2			Tape	1.5				
3	7	9	Φ0.25*2	7				密繞一層，4 線並繞
	8	10						
4			Tape	1.5				
5	3	4	Φ0.20	30				
6			Tape	1.5				
7	2	1	Φ0.20*2	16				
8			Tape	2.0				

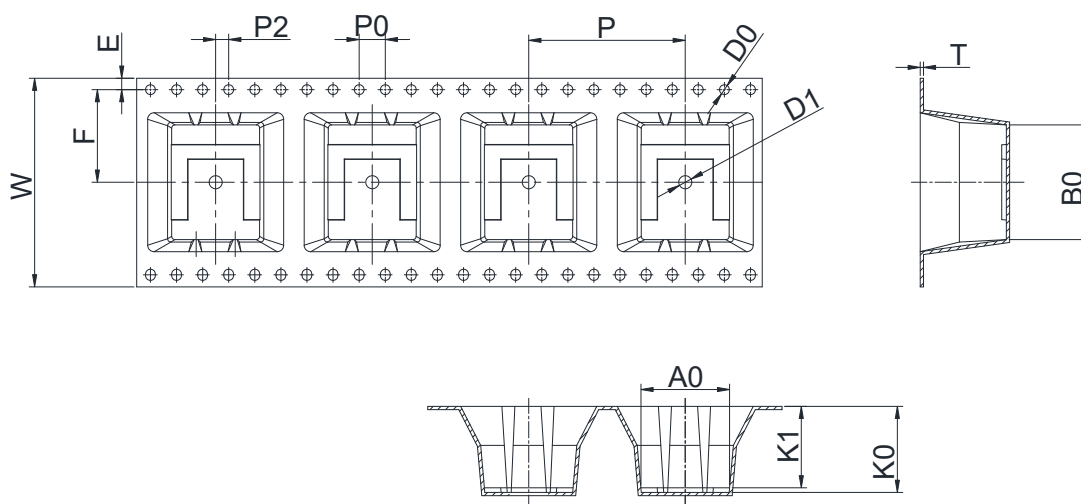
Packing Specification

<1>Model Number		LDT0658-52R		<2>Customer			
<3> Product Size		EP-13		<4> Version		1.0	
<4> Package Item:		180 PCS Per Reel	3	Reels Per Carton	Total	540	PCS Per Carton
<5>Product weight							
unit	6.70	g	N.W.	3.61	kg	G.W.	6.01 Kg

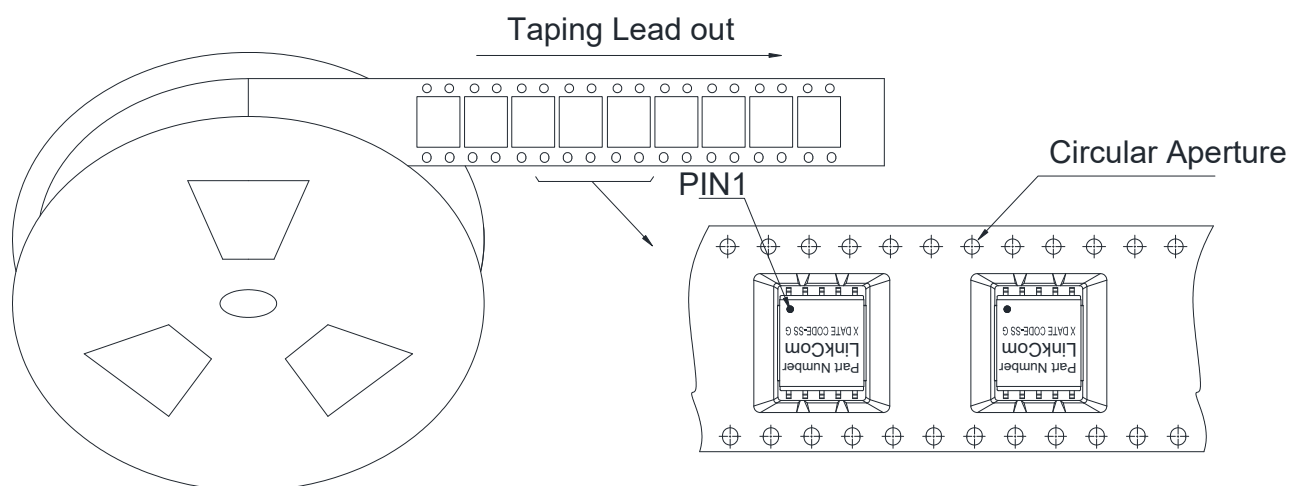
<6> Remark:

1. PIN1 face the aperture (one side have aperture) or round aperture (both sides have apertures).
2. Front taping leave 160mm space, behind taping leave 390mm space
3. Using protected-tape wrap one round after taping.
4. The tape and reel will be blister packed with PVC and sealed.
5. Each corner of inside carton will be place hard cardboard.
6. After taping will seal with scotch magic tape.

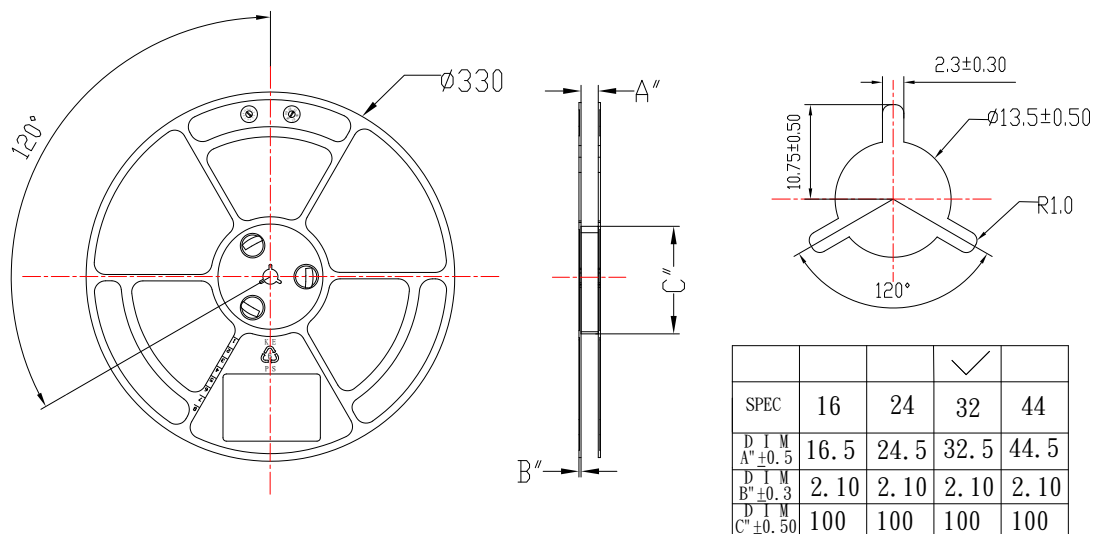
<7> Tapping Dimension & Lead Out



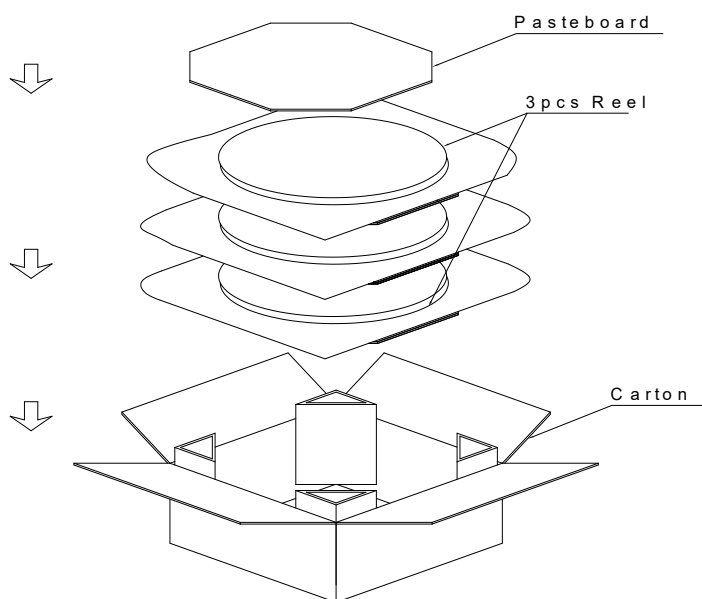
ITEM	W	A0	B0	K0	K1	P	F	E	D0	D1	P0	P2	T
DIM	32.0	13.6	17.6	13.7	12.5	24.0	14.2	1.75	1.50	2.0	4.0	2.0	0.50



<8> Reel Dimension



<9> Packing Illustration



<10> Carton outside

