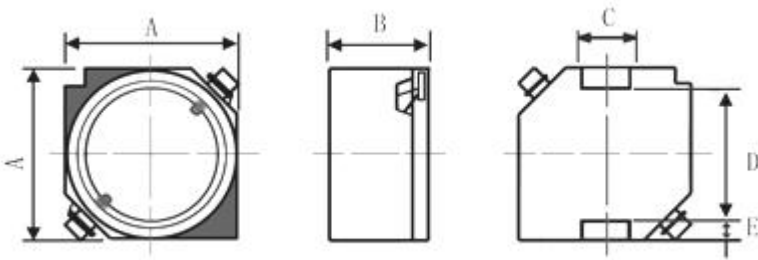


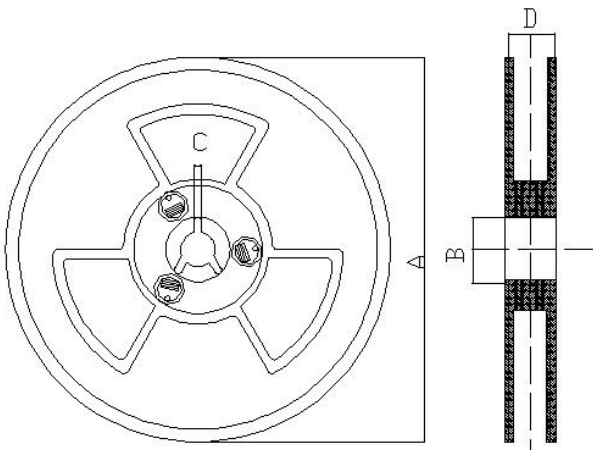
D DER0705-100

1. Mechanical: (UNIT: mm)

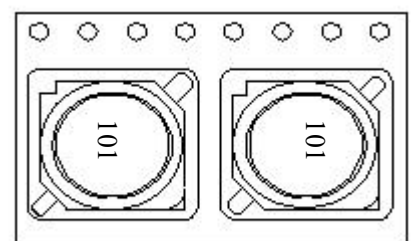
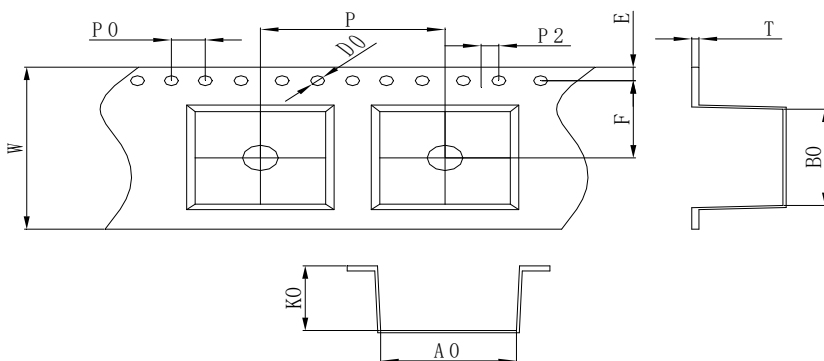


UNIT: mm
 A:7.2(Max)
 B:4.8(Max)
 C:2.0
 D:4.9±0.2
 E:0.9±0.1

2. package:



	13"	7"
A	$\Phi 330 \pm 2.0$	$\Phi 178 \pm 2.0$
B	$\Phi 90 \pm 2.0$	
C	2.3	
D	29.5	



ITEM	W	A0	B0	K0	P	F	E	D0	D1	P0	P2	T
DIM	16.00	7.50	7.60	4.50	12.00	5.50	1.75	1.50	1.50	4.00	2.00	0.35
TOLE	±0.3	±0.1	±0.1	±0.1	±0.1	±0.1	±0.1	+0.1	+0.1	±0.1	±0.1	±0.05

3. Electrical characteristics

Inspection items	Specifications	Sampling standards	Inspection method
1. L (μH)	100UH ± 20% at 100KHz/0.25V	GB/T2828.1-2003	CH1062
2. RDC	320mΩ MAX	"	502BC
3. IDC (A)	0.5A (Inductance drop: 30% at last)	"	CH1310+1062

4. Electrical parameters

project	Performance	est method
DC superposition characteristics	The change in inductance value cannot exceed 30%	Use an LCR meter to measure the rated current and the inductance value when passing through it
Temperature rise	Within 40 °C	1. Add rated current until the temperature stabilizes 2. Use a surface thermometer to measure its temperature,
Overload test	The product body shall not experience surface fragmentation, burning, terminal looseness, or open circuit	Apply twice the rated current for 5 minutes
Insulation resistance	Above 100M Ω	Apply 500 V between the winding and magnetic core

		DC voltage
temperature characteristic		-25°C~105°C
Moisture resistance	The change in inductance value should not exceed $\pm 10\%$; The surface of the product does not show any damage	1, $40 \pm 2^\circ\text{C}$ 2, 90%~95%RH 3, 96 ± 2 1. Temperature $40 \pm 2^\circ\text{C}$ 2. Humidity: 90% -95% RH 3. Time 96 ± 2 hours.