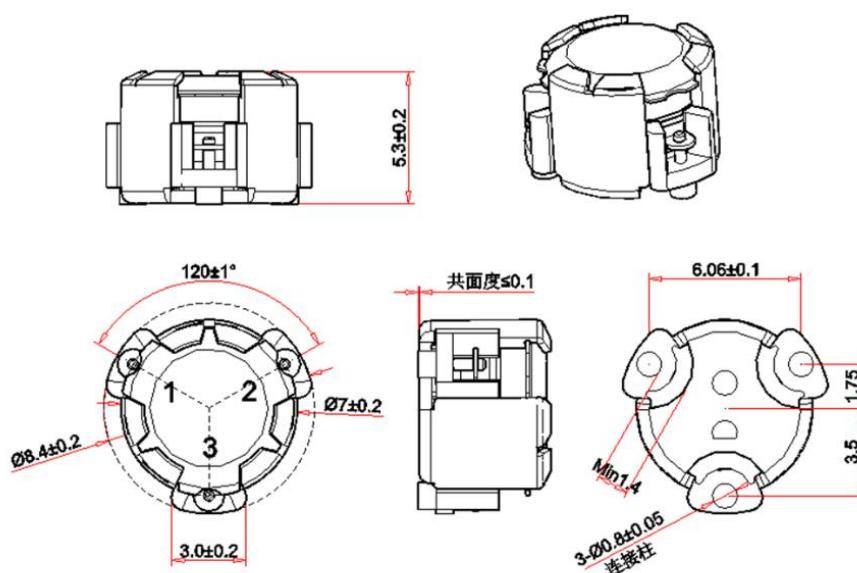


Shenzhen Nordson Bo Communication Co., Ltd

PRODUCT SPECIFICATION

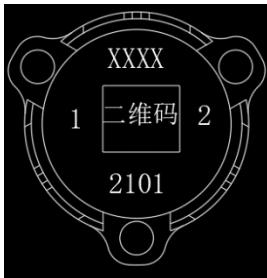
Parameter		Spec		
Product Name		Clockwise SMT Circulator		
Product Model		SC300TB-3400-3600-30-1		
Product Code		101.904.7179		
Documentation Edition		V1.0		
RoHS		RoHS 2.0		
Parameter	Symbol	Condition	Limits	
			Min	Typ
Frequency	f		3400-3600	
Isolation		Inband(S12)	20	
Return loss	R _L	Inband(S11, S22)	20	
Insertion loss	I _L	Inband (S21)		0.25
Input power	P _{IN}	Within freq. range	30	
Input power, peak		Within freq. range	300	
Reflected power			30	
Attenuation		2 x TX	15	
		3 x TX	10	
Inter modulation distortion, 3:rd order	IM3	10W x 2 tones 1 MHz spacing		-55
Operating temp. range	T _{opr}	Full data	-40	+110
Storage temp. range	T _{stg}		-40	+125

Unit: mm/ inch, General part tolerance is $\pm 2\%$ unless otherwise stated.



- **Product screen printing instructions**

The schematic diagram of the product screen printing is as follows:



A. The four digits above the QR code represent the last four digits of our company's product code. If the code for this product is "101.904.7179", then "7179" should be printed here;

B. The four digits below the QR code represent the week of product production, for example, "2101" represents the production time in the first week of 2021;

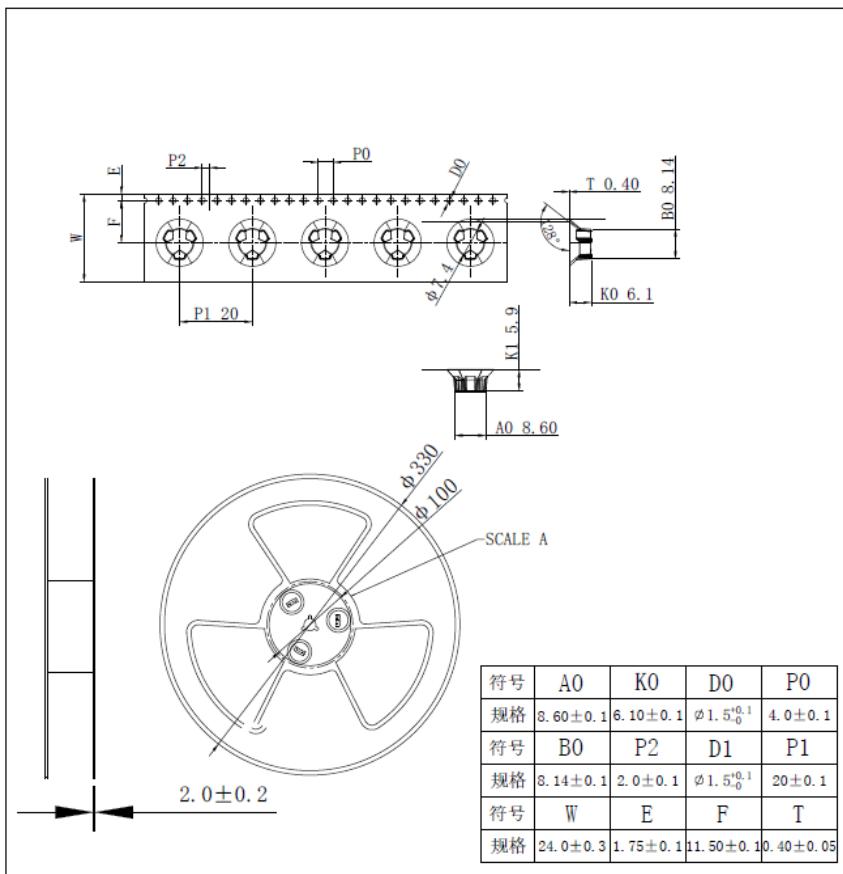
C. The central area is a QR code containing the product serial number for product traceability;

D. The two digits next to the pins are screen printed on the pins: pin 1 represents input, pin 2 represents output;

E. After mass production, silk screen printing should be carried out according to the above instructions. In the sample stage, only the product direction and frequency band should be marked

- **Packaging information**

The mass production stage of this product adopts tape packaging, and the size of the tape is shown in the following figure:



Explanation:

- A. 1 and 2 pins are placed on the side of the circular hole;
- B. The packaging quantity for each roll of product is 400PCS, with 5 rolls per large box.