



Kenbotong Technology Co., Ltd.

SPECIFICATION

Vendor Name	Shenzhen kenhaitong antenna technology co, Ltd.				
Customer Name	Particle				
Sample Name	JHT-PD-5 ANTENNA				
Part Number					
Specification					
Inspection Item	Performance	Total Appearance	structure	Others	Inspection Result
Remark					
QA Audit		Engineer Audit		Sales Confirm	
The following are filled by Customer					
Customer Evaluation					
Signation/ Chapter by Customer	date:				

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1、Antenna Picture



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2.Measurement information

WIFI/BT	
Band	WIFI/BT
Frequency(MHz)	2400-2500
Max VSWR	1.3:1
Max Return loss(dB)	-20.6
Peak Gain(dBi)	1.71
Efficiency(%)	52.24
Average Gain(dB)	-2.32
Radiation Properties	Omnidirectional
Max Input Power(watts)	5
Polarization	Linear
Impedance(Ohms)	50 Ohms

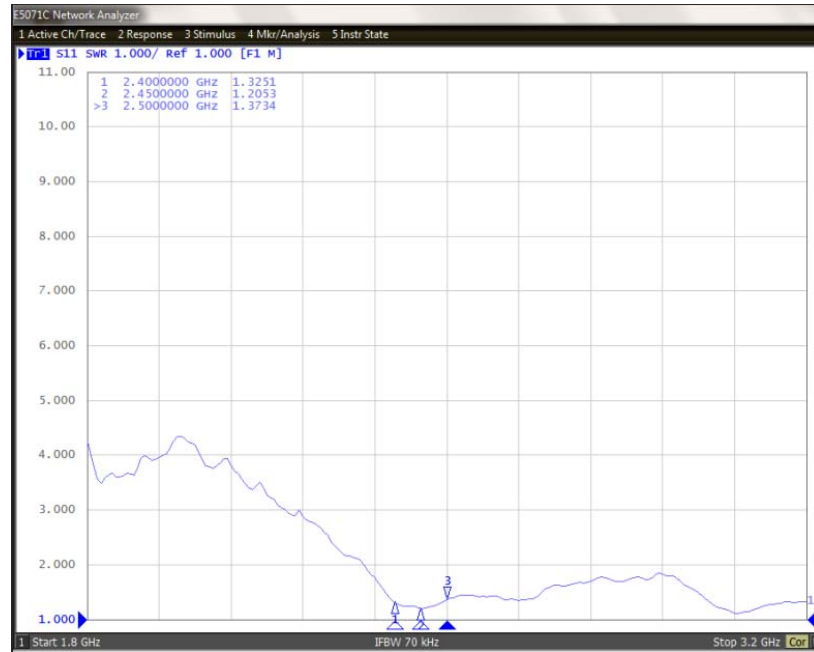
MECHANICAL	
Dimensions(mm)	38.2*15*0.2 mm
Material	Flexible Polymer
Connector and Cable	U.FL and 1.13mm mini coax
Cable Length	110 mm

ENVIRONMENTAL	
Operation Temperature	-40° C to 85° C
Storage Temperature	-40° C to 85° C
Relative Humidity	40° C to 95° C
ROHS Compliant	YES

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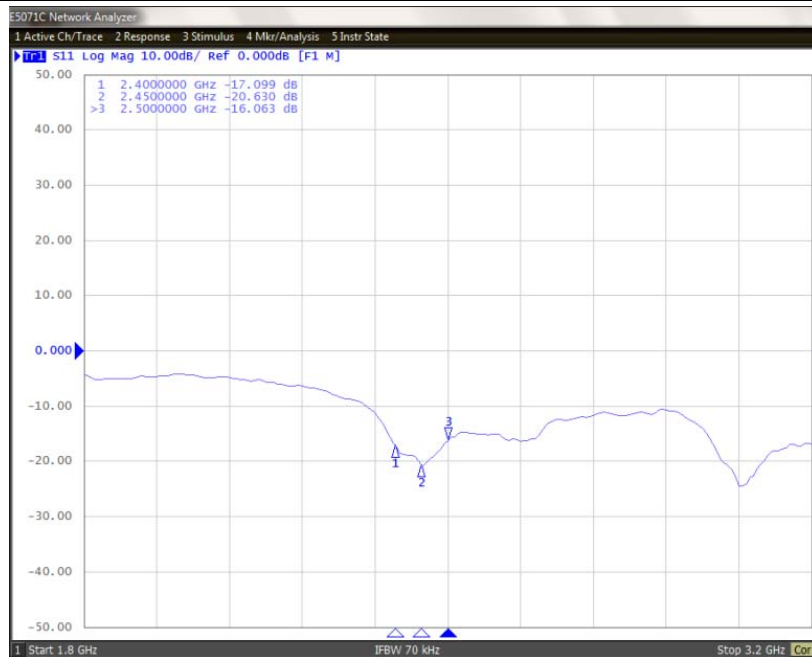
3. Antenna Parameters

VSWR

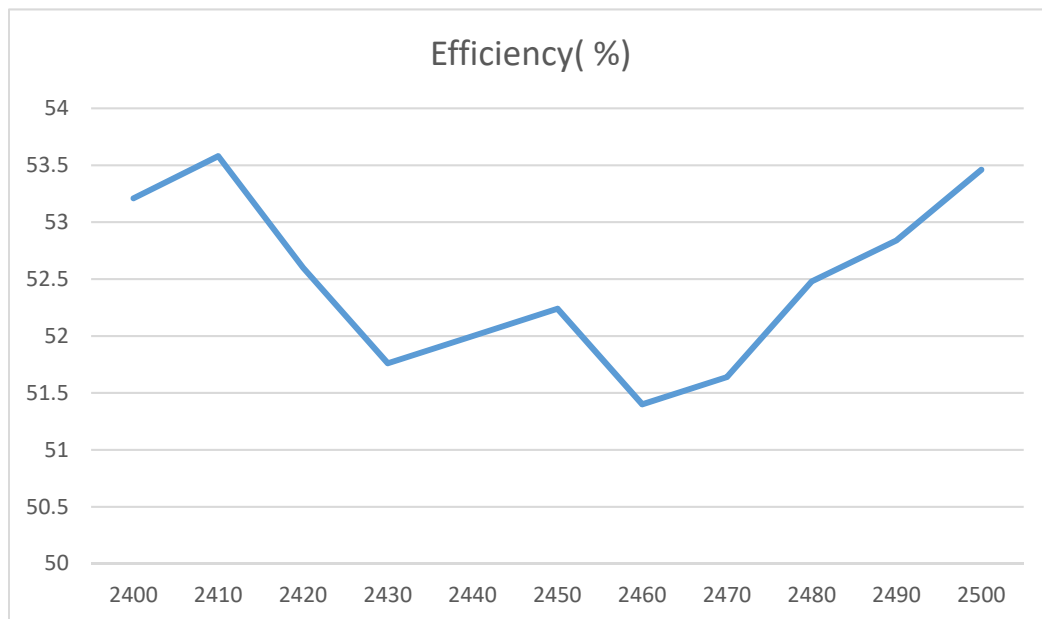


Return loss

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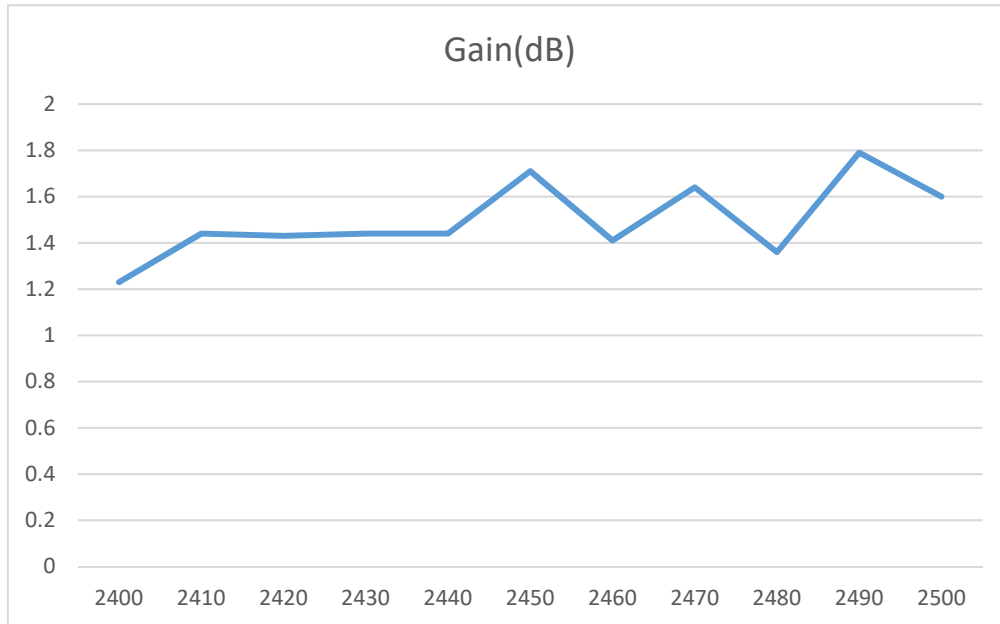


Efficiency

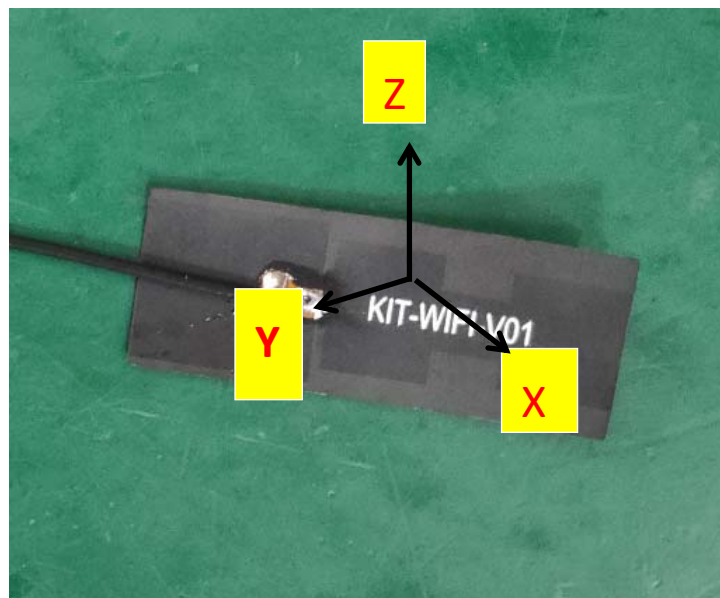


Peak Gain

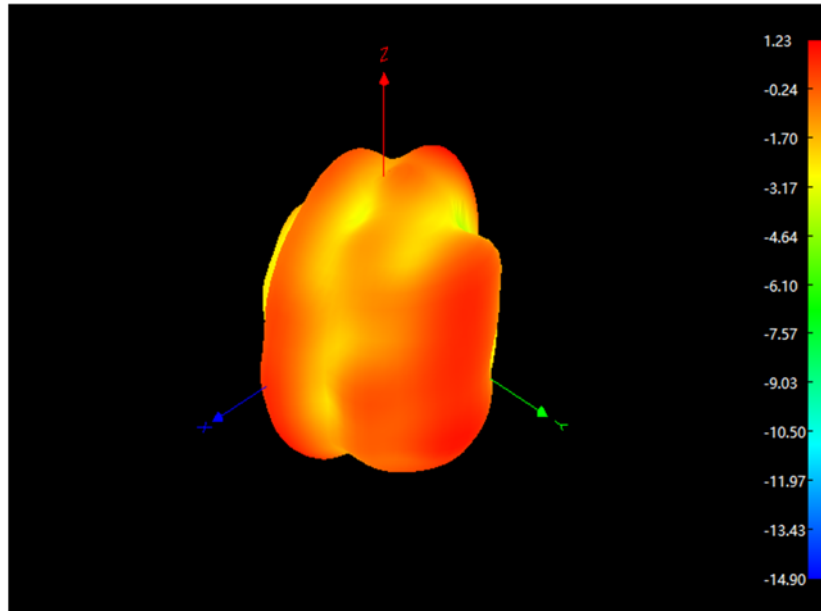
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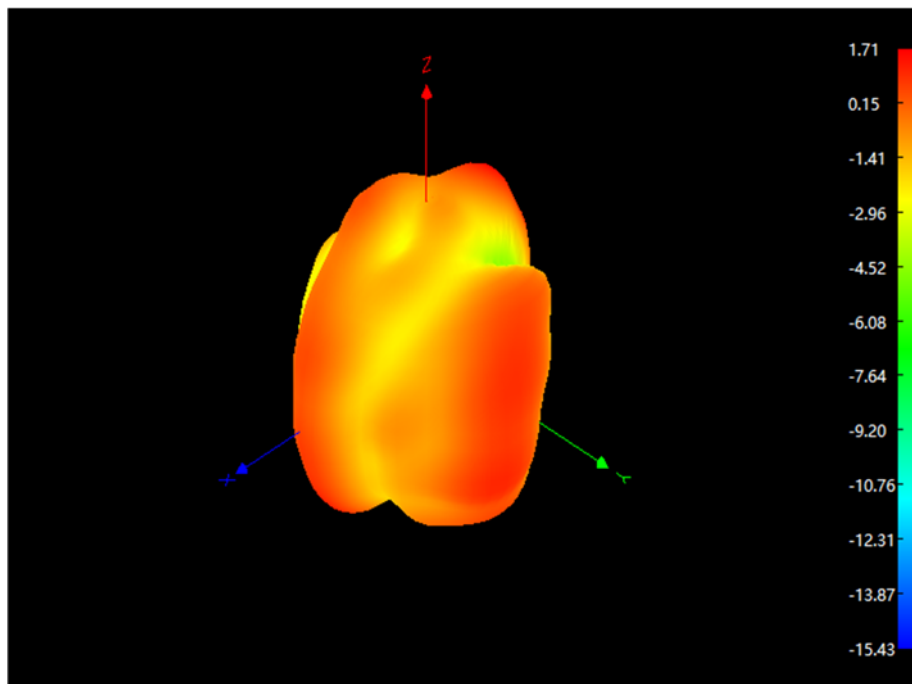
Radiation Pattern



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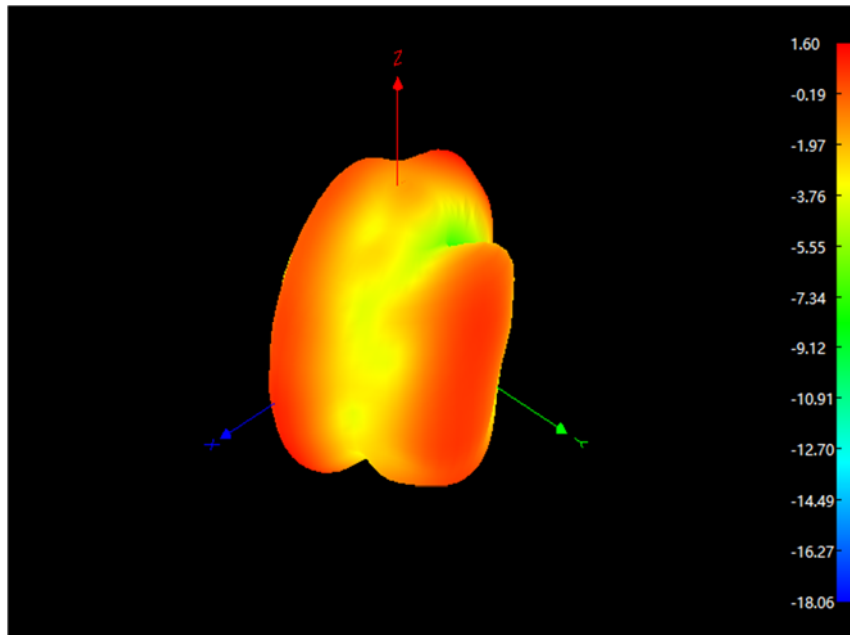


Radiation Pattern at 2400 MHz of Antenna



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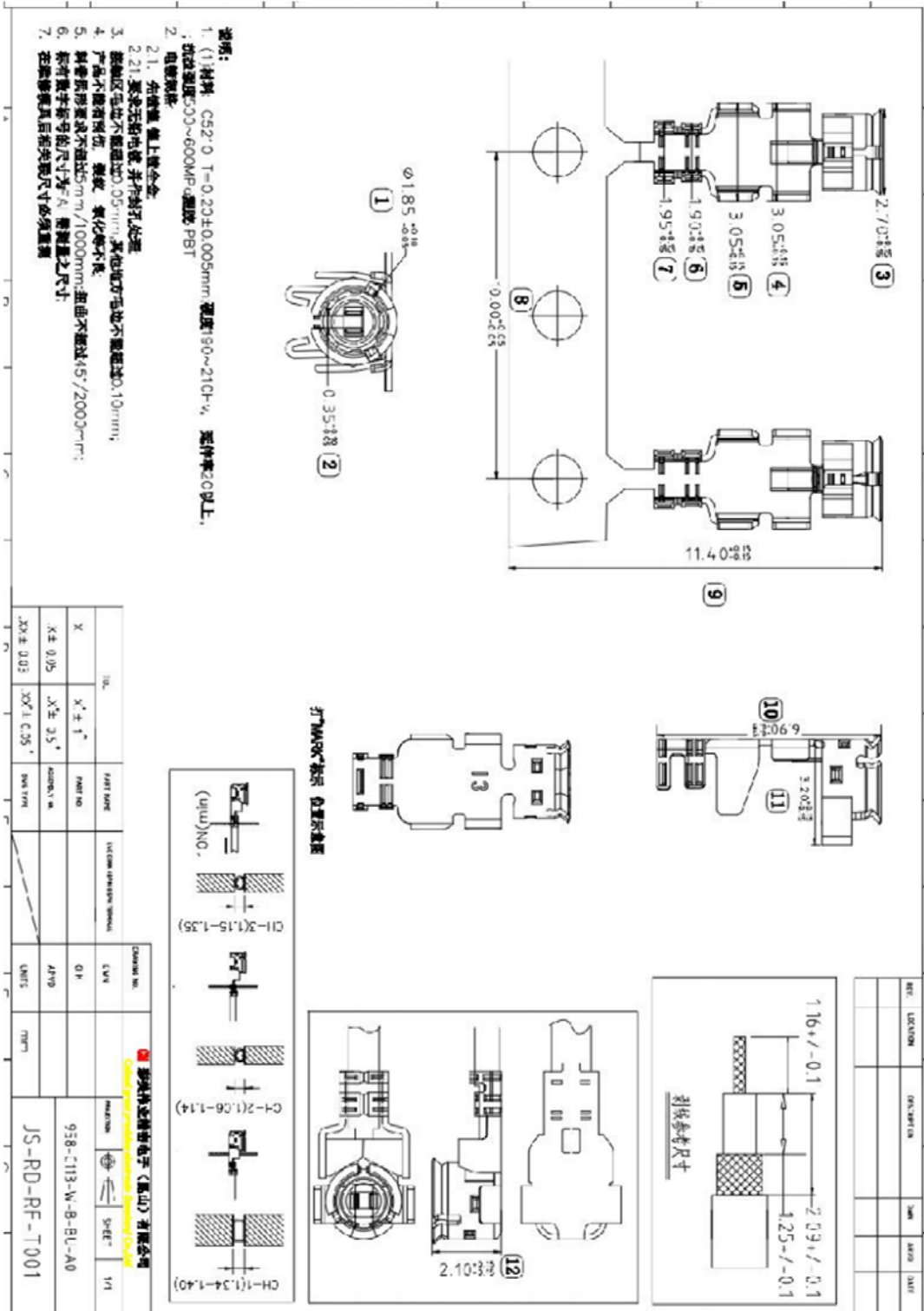
Radiation Pattern at 2450 MHz of Antenna



Radiation Pattern at 2500MHz of Antenna

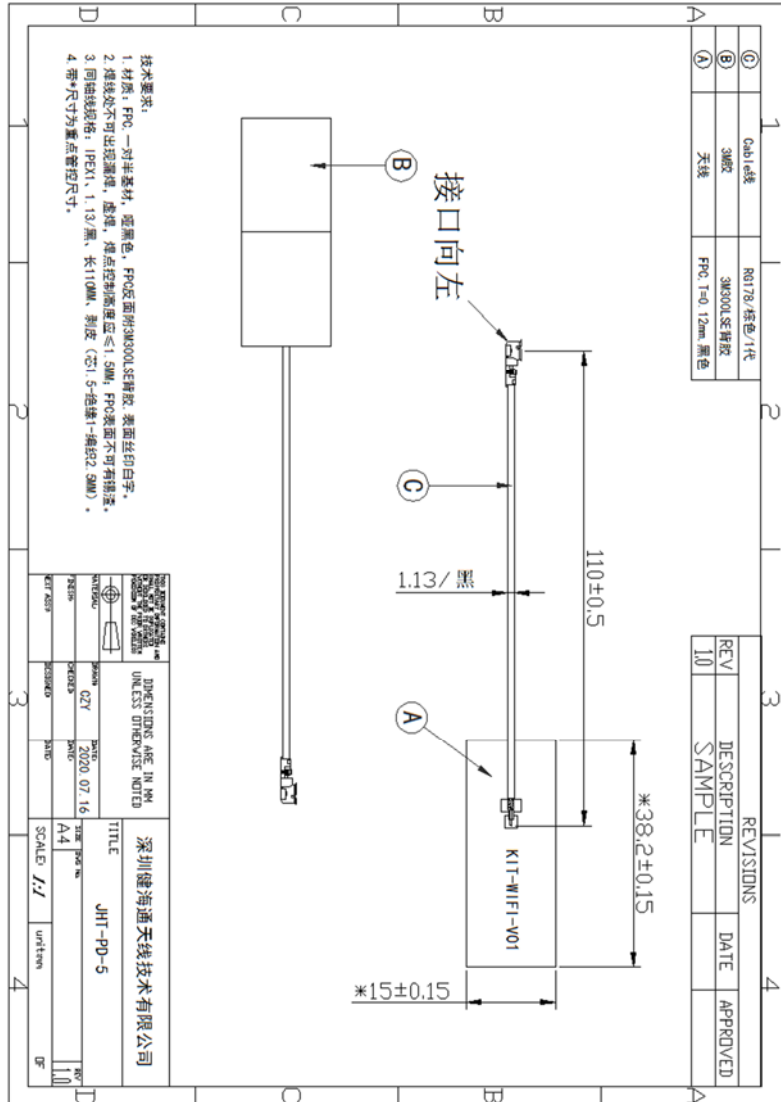
4、IPEX/U.FL

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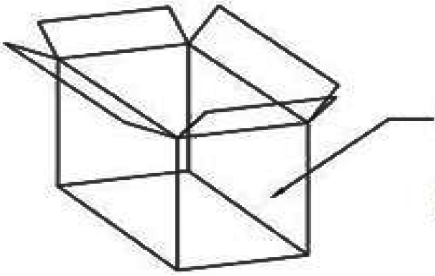
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5、Mechanical Drawing



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6、Packaging

Packaging					
Customer Name:particle		name: G142-10005-A		Code:	
				TEST: A	
S T E P S	Code	name	size	quantities	
	PE	PE bag	230*330*0.1 2	500/5000	
	SYC-BZ-01	Paper box	270*250*13 0	1/5000	
					N O T I C E
<div style="display: flex; justify-content: space-around; align-items: center;">  <div style="border: 1px solid black; padding: 5px;">5000PCS</div> </div>					
compile		approval		MADE	DATE