

APPROVAL SPECIFICATIONS

Title. NANO SIM+NANO SIM+TF三選二卡座

Product Model. MCS-303

Customer's Part NO.

Customer's Model:

Customer's Approval Requested.

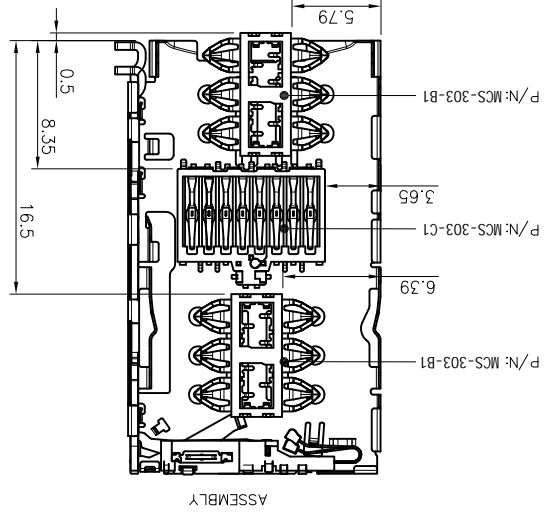
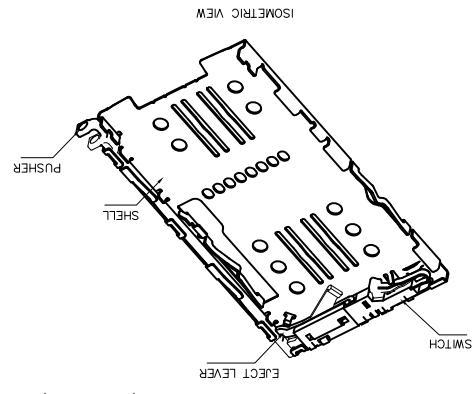
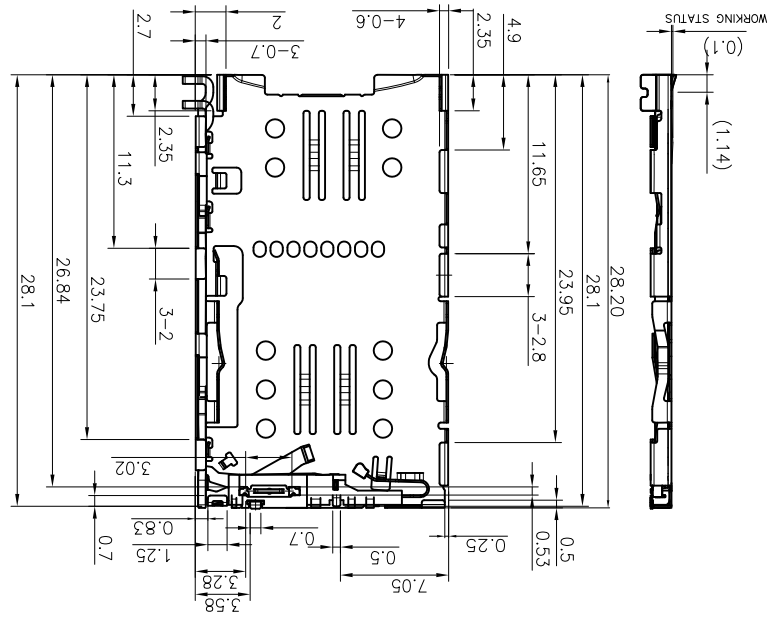
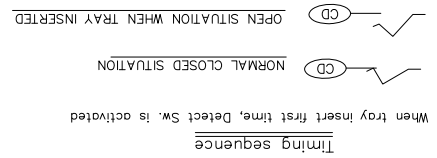
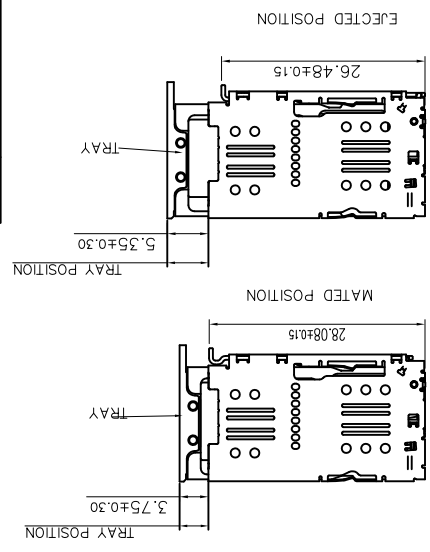
Please return this copy as a certification of your approval.

Checked by: _____ Date: _____

Approved by: _____ Date: _____

APPROVE	REVIEW	POLT
王凯	林永坚	陈旺

XUNPU ELECTRONICS CO.,LTD



Item	Description	Q'TY	Material	Finished
1	Switch Block	1	LCP	Under plate: 1.25 um Min Ni Solder area: Gold plating Contact area: Gold plating
1	Detect pin	1	SUS	Under plate: 1.25 um Min Ni Solder area: Gold plating Contact area: Gold plating
2	Shell	1	SUS	Under plate: 1.25 um Min Ni Solder area: Gold plating Contact area: Gold plating
3	Pusher	1	SUS	N/A
4	Eject lever	1	SUS	N/A

UNLESS OTHERWISE SPECIFIED TOLERANCES

DECIMALS: ANGLES: X: ±0.5 X X: ±1 X.XX: ±0.10 X.XX: ±0.10

TITLE: 1.35H Nano&f 3in2 with tray (Pin Push)Conn.Assem.

DWN ALLEN PART NO. MCS-303-A1

CHKD KEVIN SCALE:1:1 UNIT: mm

APVD ERIC.W SIZE: A3 SHEET:1OF 1 REV: A

CUSTOMER COPY

東莞市訊普電子科技有限公司

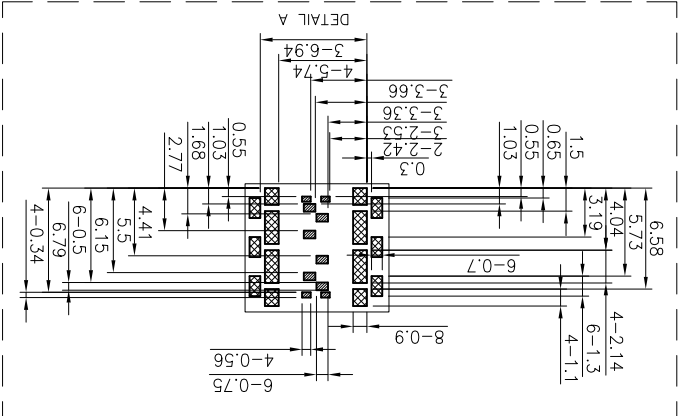
6 5 4 3 2 1

action and only for mechanical function

action and only for mechanical function

SMT process

UNLESS OTHERWISE SPECIFIED TOLERANCES		東莞市凱普電子科技有限公司	
DECIMALS:	ANGLES:	TITLE	1.35H Nano&tf 3in2 with tray (Pin Push)Conn.
X : ±0.5	X X : ±2	DWN	ALLEN
X X : ±0.20	X X X : ±1	CHKD	KEVIN
X XX : ±0.10		APVD	ERIC.W
		SIZE:	A3
		SHEET:	10F 1
		REV:	A
		PART NO.	MCS-303-A1



Pin	NAME
P13	Detect Switch
P1~P12	Ground

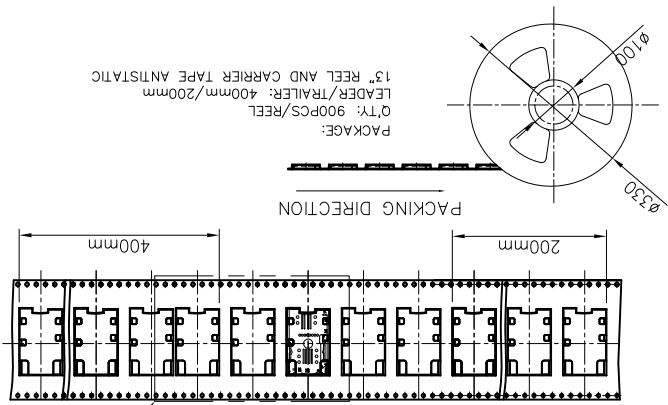
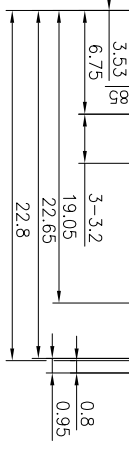
Holder Pin Definition

NANO SIM	NAME
S1,S11,S2,S12	Vcc
S3,S13	RST
S4,S5,S14,S15	CLK
S6,S7,S16,S17	I/O
S8,S18	Vpp
S9,S10,S19,S20	GND

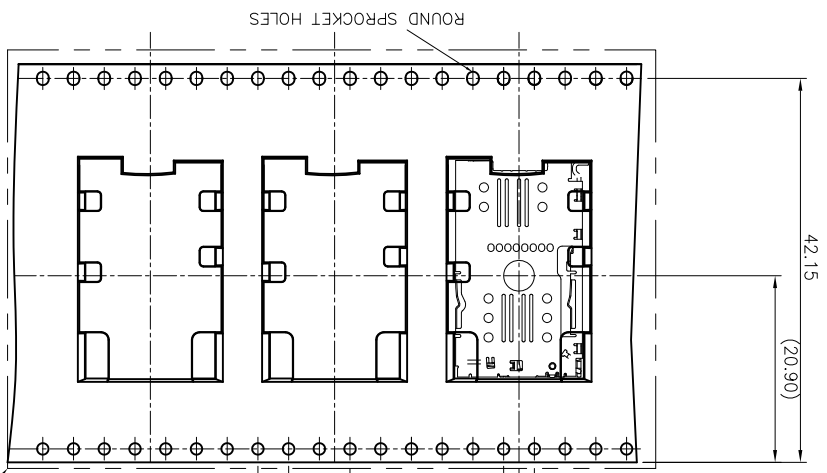
SIM Block Pin Definition

Pin	NAME
C1	DAT2
C2	CD/DAT3
C3	CMD
C4	Vpp
C5	CLK
C6	Vss
C7	DAT0
C8	DAT1

USD Block Pin Definition



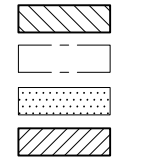
USER DIRECTION OF UNREELING



PACKAGING DRAWING

DETAILS A NOT TO SCALE

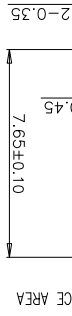
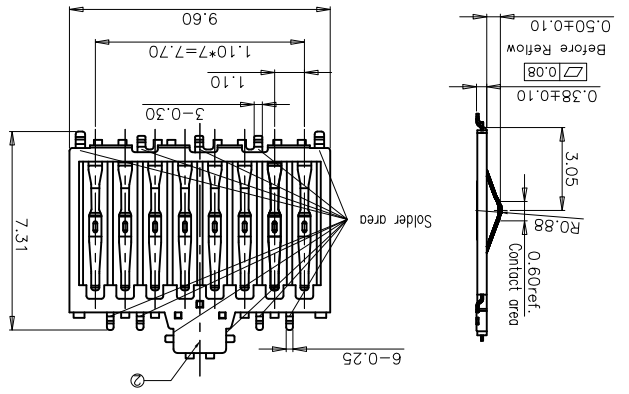
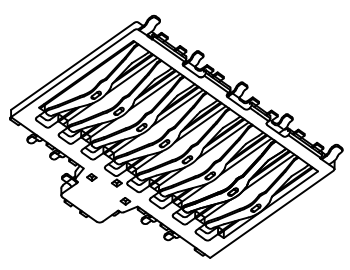
<p>UNLESS OTHERWISE SPECIFIED TOLERANCES</p> <p>DECIMALS: ANGLES: TITLE: 0.3H SIM CARD CONN.</p> <p>DWN ALLEN PART NO. MCS-303-B1</p> <p>CHKD KEVIN SCALE:1:1 UNIT: mm</p> <p>APVD ERIC.W SIZE: A3 SHEET:10F 1 REV: A1</p> <p>CUSTOMER COPY</p>												<p>THIS AREA SHOULD BE FREE OF ANY CONDUCTIVE TRACES</p> <p>SMT SOLDER AREA</p> <p>OPEN WIRE RESTRICTED AREA (POSSIBLY TOUCH OF COMPONENTS ON PCB)</p>												<p>NANO SIM Pin definition</p> <table border="1"> <tr><th>PIN</th><th>NAME</th></tr> <tr><td>S1,S2</td><td>Vcc</td></tr> <tr><td>S3</td><td>RST</td></tr> <tr><td>S4,S5</td><td>CLK</td></tr> <tr><td>S6,S7</td><td>I/O</td></tr> <tr><td>S8</td><td>Vpp</td></tr> <tr><td>S9,S10</td><td>GND</td></tr> </table>												PIN	NAME	S1,S2	Vcc	S3	RST	S4,S5	CLK	S6,S7	I/O	S8	Vpp	S9,S10	GND												
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S8	Vpp																																																												
S9,S10	GND																																																												
<p>NO. PART NAME QTY MATERIAL</p> <p>① Contact 1 NKT-322</p> <p>② Housing 1 LCP 6808</p>												<p>DESCRIPTION</p> <p>Under Plating:Ni 1.25um min</p> <p>Solder area:Plating Au 0.25um min</p> <p>Contact area:Plating Au 0.25um min</p> <p>COLOUR:BLACK</p> <p>UL 94V-0</p>												<p>REMARK</p> <p>T=0.08±0.01mm</p>																																					
<p>1. MATERIAL:SEE TABLE 1.</p> <p>2. SPECIALITY:</p> <p>2.1 Rated current:0.5A Max</p> <p>2.2 Rated voltage:10V DC</p> <p>2.3 Contact Resistance:60mΩ MAX</p> <p>2.4 Insulation Resistance:100MΩ MIN 500V DC</p> <p>2.5 Dielectric withstanding voltage: 500V AC 1 MINUTE.</p> <p>2.6 Solder ability:245±5℃, 5±0.5s.</p> <p>2.7 Durability:3000 Cycles Min.</p> <p>2.8 Operating condition:Temperature-20℃~+85℃; Humidity 80% R.H MAX</p> <p>3. MECHANICAL:</p> <p>3.1 Contact Force:0.2N Min</p>												<p>NOTES:</p> <p>3.1 Contact Force:0.2N Min</p>																																																	
<p>東莞市訊普電子科技有限公司</p>												<p>東莞市訊普電子科技有限公司</p>												<p>東莞市訊普電子科技有限公司</p>																																					

6	5	4	3	
CUSTOMER COPY APVD: ERIC.W SIZE: A3 SHEET: 10F 1 REV: A1 CHKD: KEVIN SCALE: 1:1 UNIT: mm DWN: ALLEN PART NO. MCS-303-C1 TITLE: 0.3H Micro SD CARD BLOCK CONN.		UNLESS OTHERWISE SPECIFIED TOLERANCES: X: ±0.5 X: ±2° X.X: ±0.20 X.X: ±1° X.XX: ±0.10	DECIMALS: ANGLES: 1. Touch area of contact tips, no electrical function and only for mechanical function 2. Don't brush Tin pasted on the area during SMT process.	 <p> Soldering Pad area Open wire restricted area (possibly touch of components on PCB) Connector outline </p>
D	D	D	D	
NO.	PART NAME	QTY	MATERIAL	DESCRIPTION
①	Contact	1	COPPER ALLOY	Contact Area: Au 1U"Min; Under plate Ni 50U"Min oil over T=0.08±0.01mm
②	Housing	1	LCP	COLOUR:BLACK UL 94V-0
REMARK	東莞市訊普電子科技有限公司			
6	5	4	3	

NAME	PIN
DATA2	C1
CD/DATA3	C2
CMD	C3
VCD	C4
CLK	C5
VSS2	C6
DATA0	C7
DATA1	C8

μSD Block Pin Definition

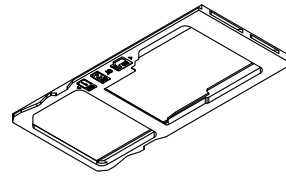
- NOTES:
- MATERIAL: SEE TABLE 1.
 - SPECIALITY:
 - Rated current: 0.5A Max
 - Rated voltage: 10V DC
 - Contact Resistance: 60mΩ MAX
 - Insulation Resistance: 1000MΩ MIN 500V DC
 - Dielectric withstanding voltage: 500V AC 1 MINUTE.
 - Solder ability: 245±5°C, 5±0.5s.
 - Durability: 3000 Cycles Min.
 - Operating condition: Temperature -20°C~+85°C; Humidity 80% R.H MAX
 - MECHANICAL:
 - Contact Force: 0.2N Min



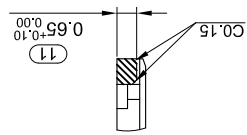
行, 多料, 扭曲变形, 裂痕
 标注尺寸, 参考3D图档,
 木图纸, 项目所有的不同卡
 参考模型。

UNLESS OTHERWISE SPECIFIED TOLERANCES		DECIMALS: ANGLES:		TITLE: 双Nano&TF三选二卡托(单体)冲压件	
X	:±0.5	X	:±2°	DWN	ALLEN
X.X	:±0.20	X.X	:±1°	CHKD	KEVIN
X.XX	:±0.10	X.XX	:±1°	APVD	ERIC.W
CUSTOMER COPY		SIZE: A3	SHEET: 1 OF 1	REV: B	
		UNIT: mm			
		SCALE: 1:1			
		PART NO. MCS-303-KT1			

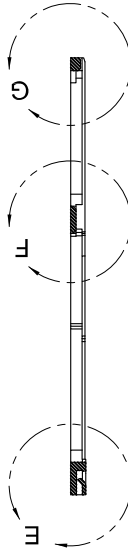
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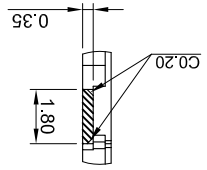
SEE DETAIL:G



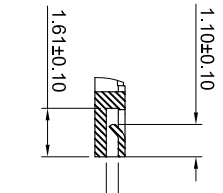
SECTION:A-A



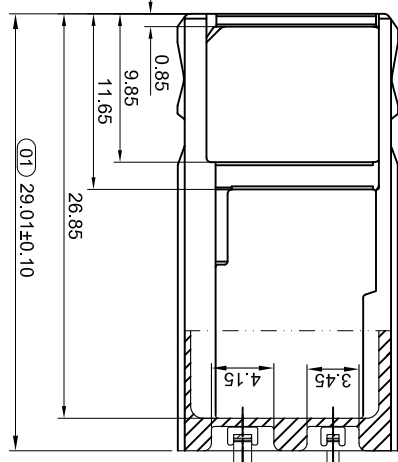
SEE DETAIL:F



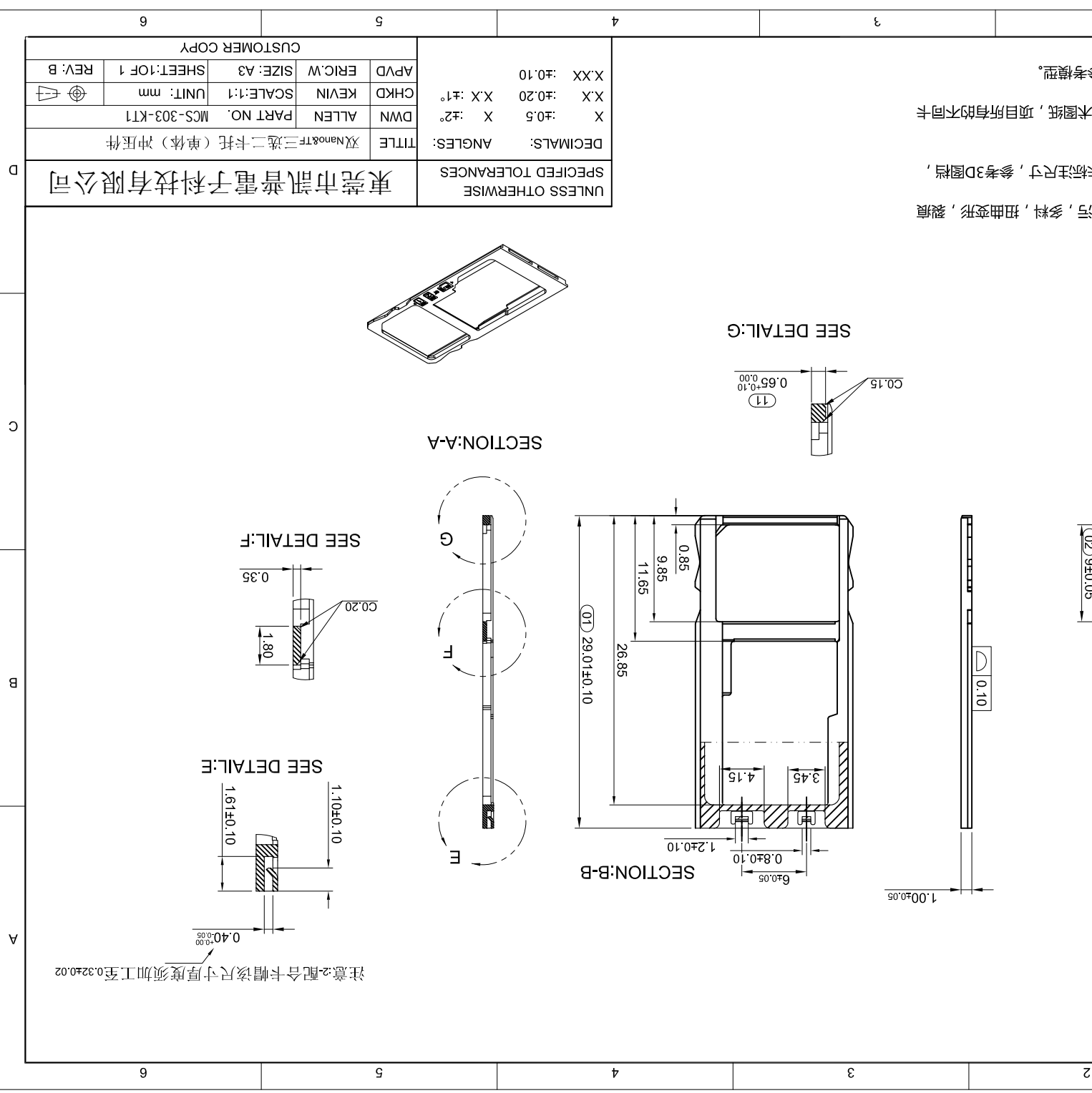
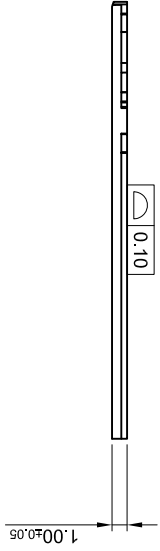
SEE DETAIL:E



注意:2-配合卡帽该尺寸厚度须加工至0.32±0.02



SECTION:B-B



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