



REV.	DESCRIPTION	DRAWN	DATE
1.1	Add flatness tolerance	FROS	2019/08/07
1.2	Corrected temperature to 85°C	FROS	2019/08/15
1.3	Added M.2 module thickness & related space height	FROS	2019/08/29

SPECIFICATION:

1. ELECTRICAL

- 1.1 Current Rating: 0.5A per pin
- 1.2 Voltage Rating: 50VAC
- 1.3 Contact Resistance: 50mΩ
- 1.4 Insulation Resistance: 500MΩ
- 1.5 Dielectric Withstanding Voltage: 300VAC

2. MECHANICAL

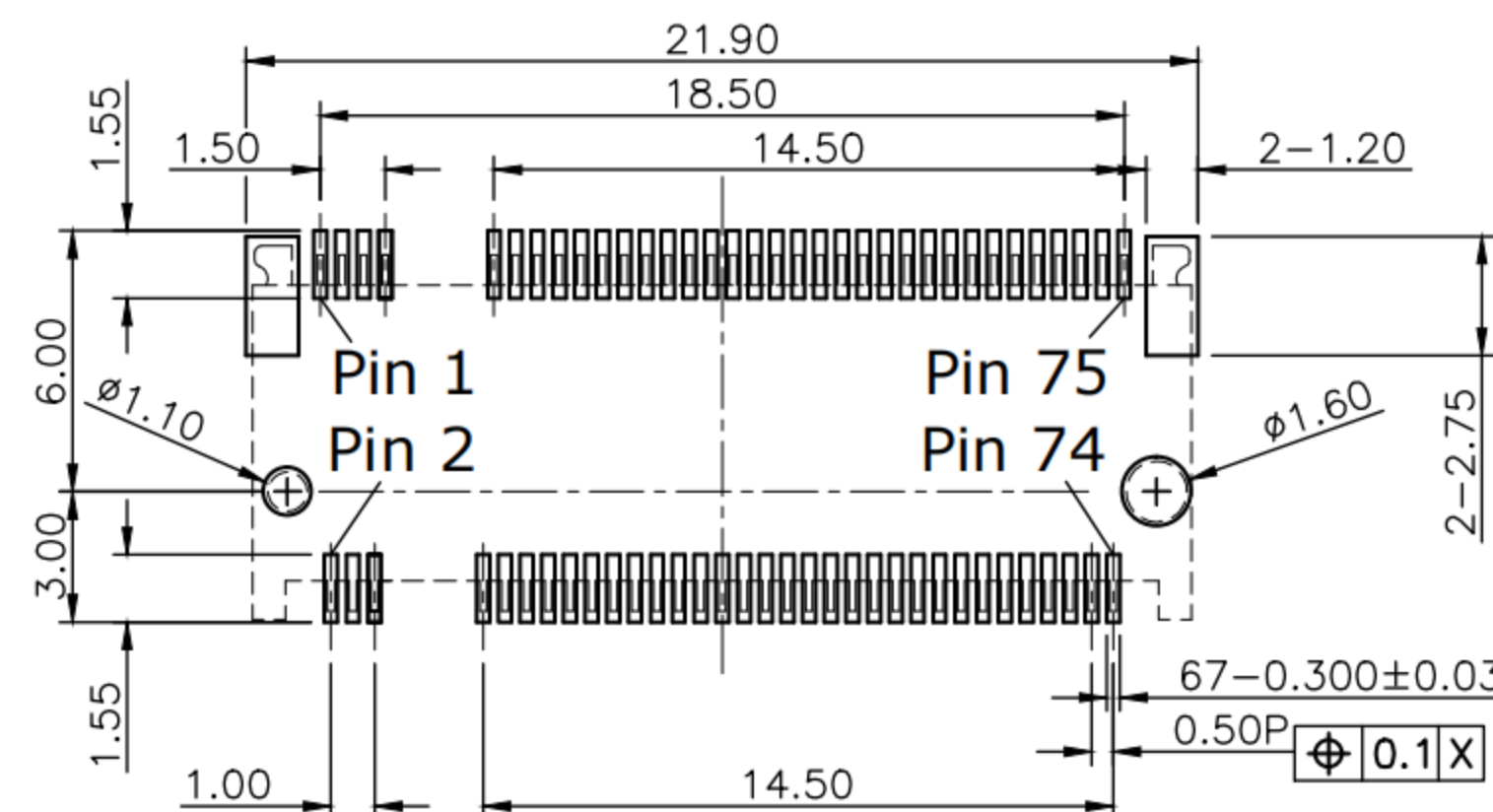
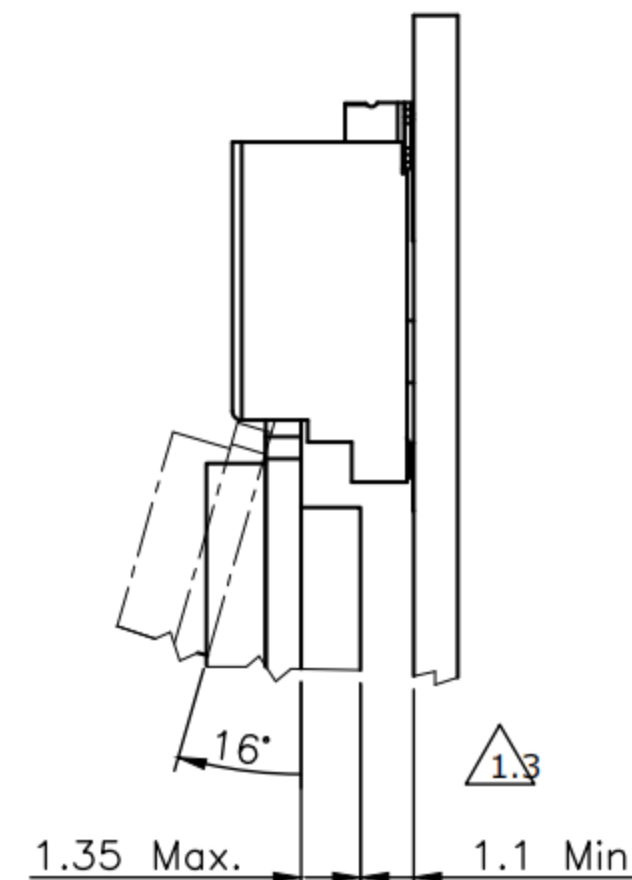
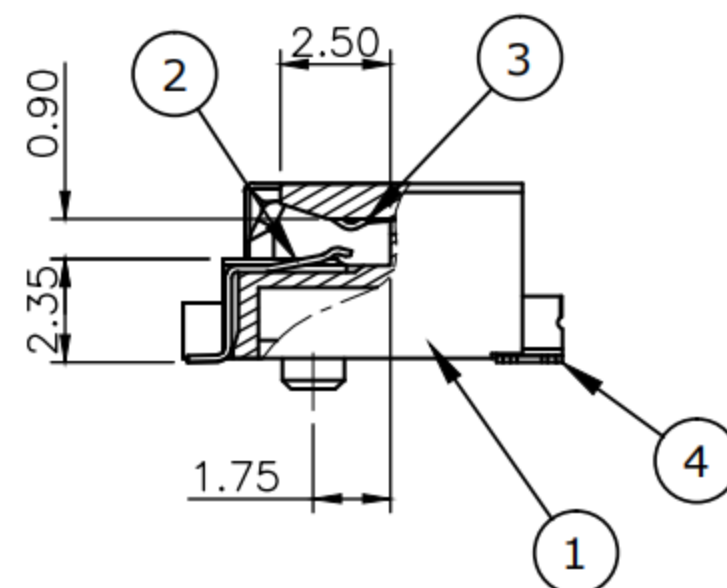
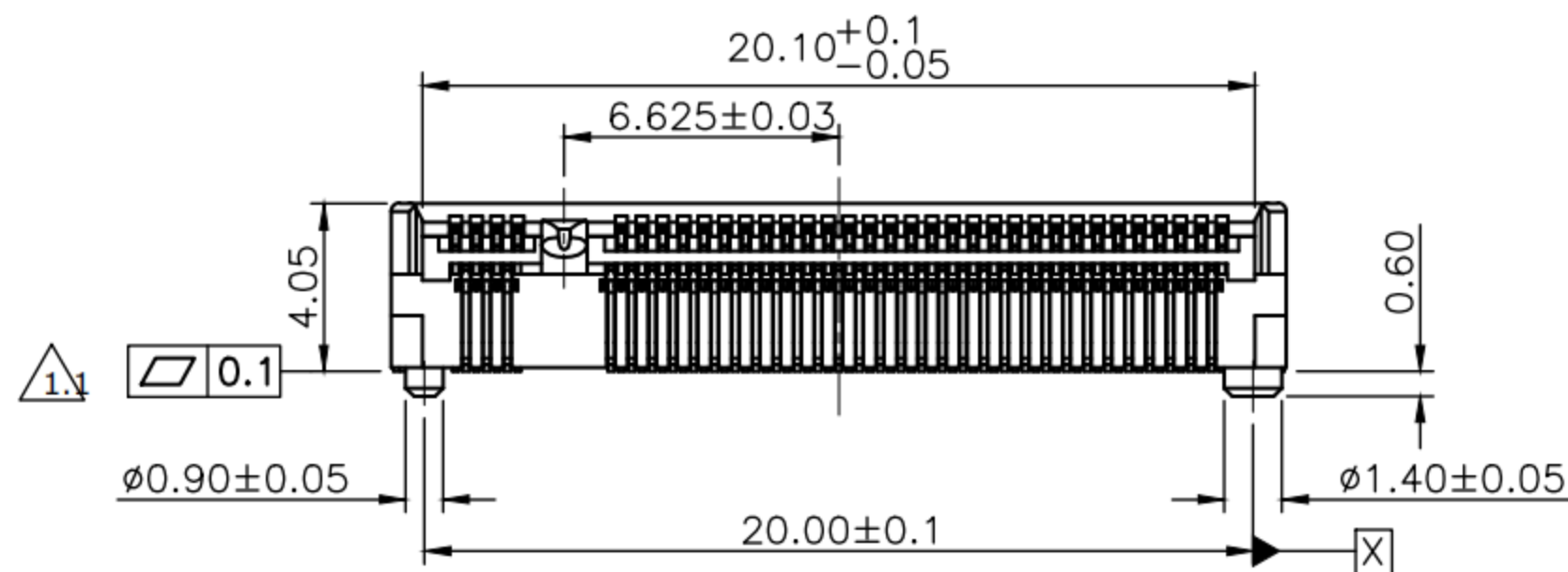
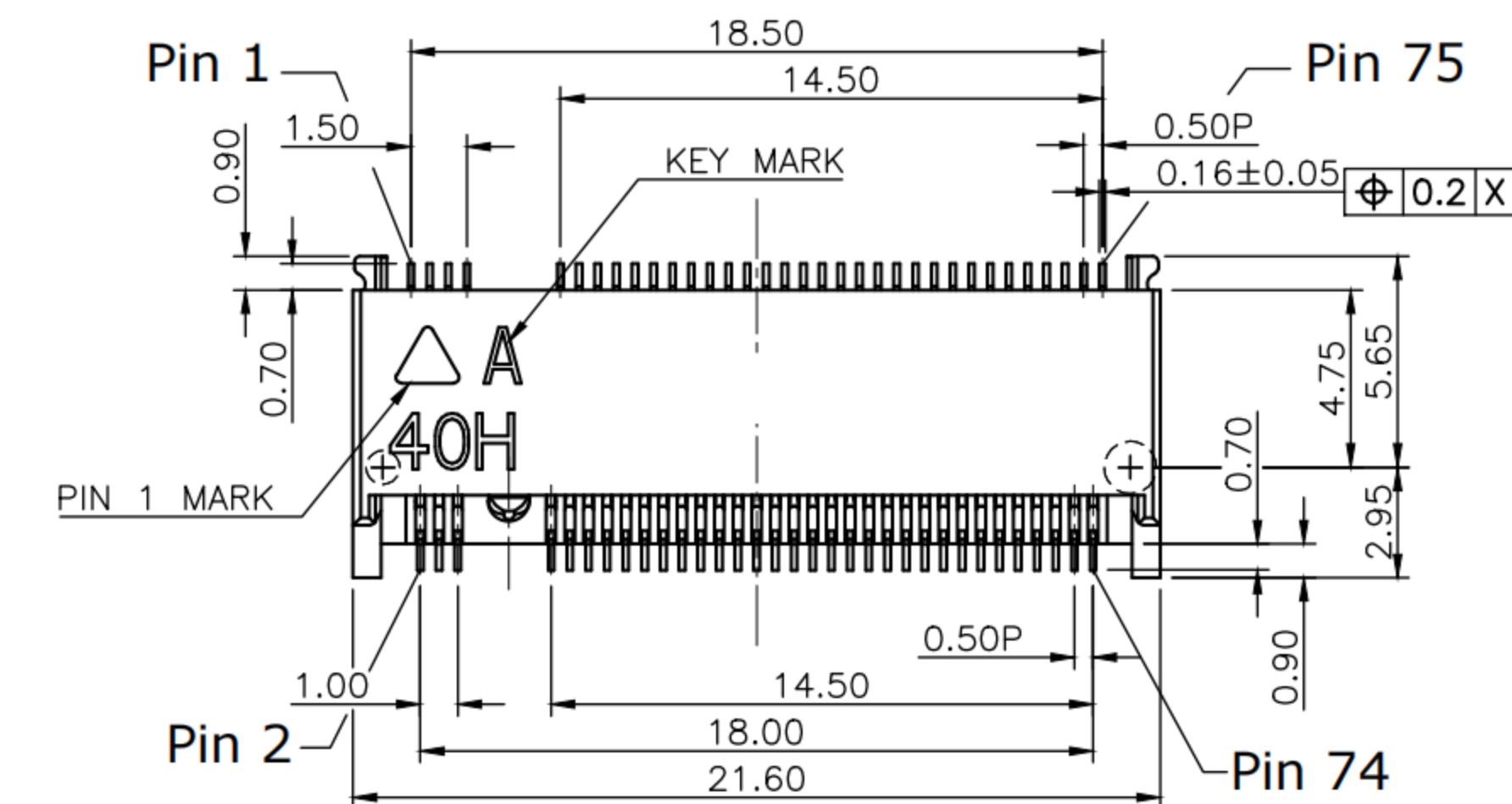
- 2.1 Durability: 60 Cycle
- 2.2 Mating Force: 20N max.
- 2.3 Un-mating Force: 25N max.

1.2 3. ENVIRONMENTAL

- 3.1 Operating temperature range: -40°C~+85°C
3.2 Storage temperature range: -40°C~+85°C

4. SOLDER ABILITY

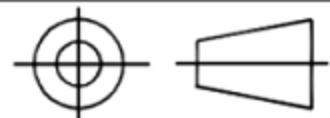
- 4.1 Recommended IR Reflow(Wave Soldering)
Temperature: 260°C



Recommended Layout (Top View)
General Tolerance: $\pm 0.05\text{mm}$

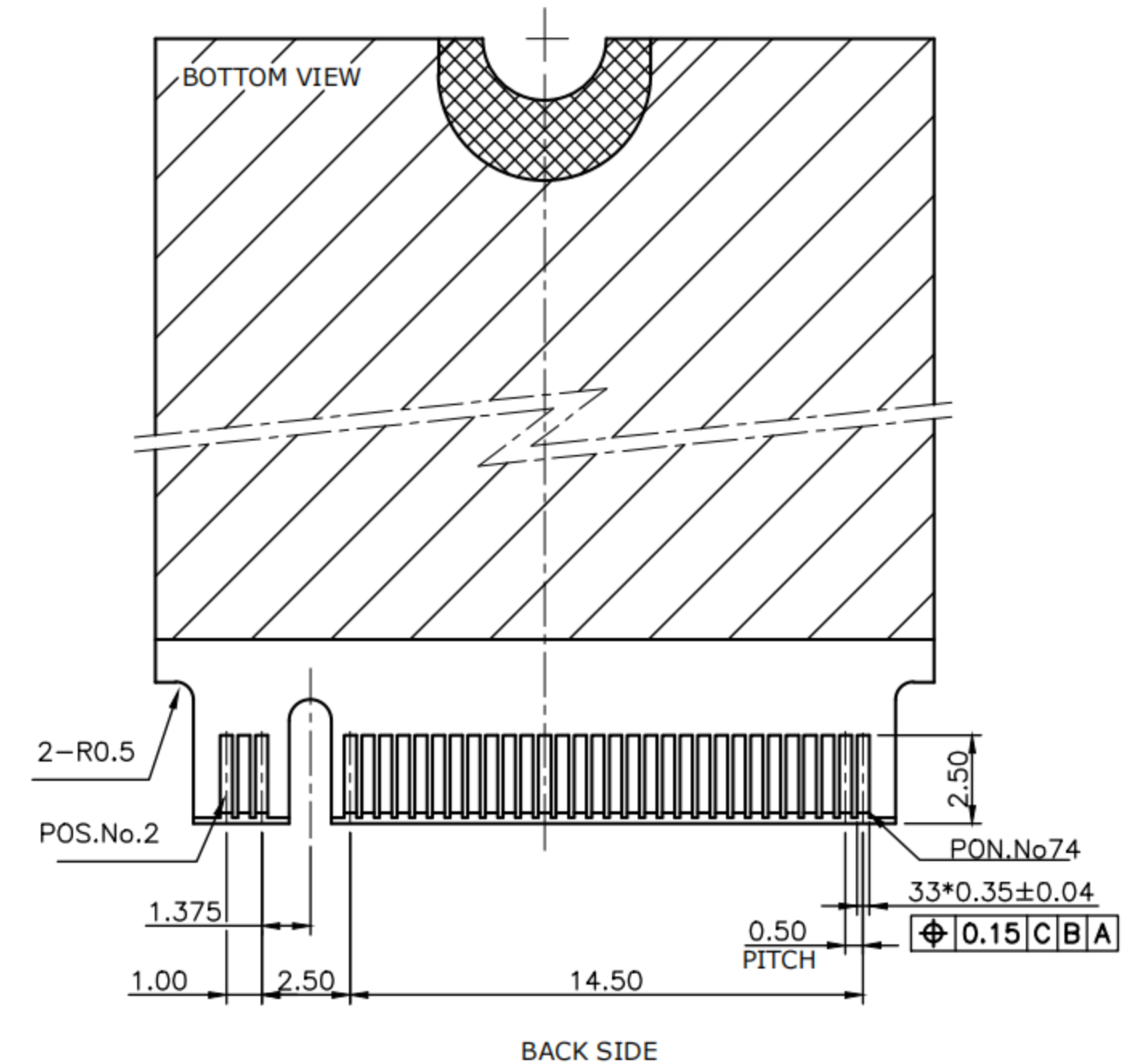
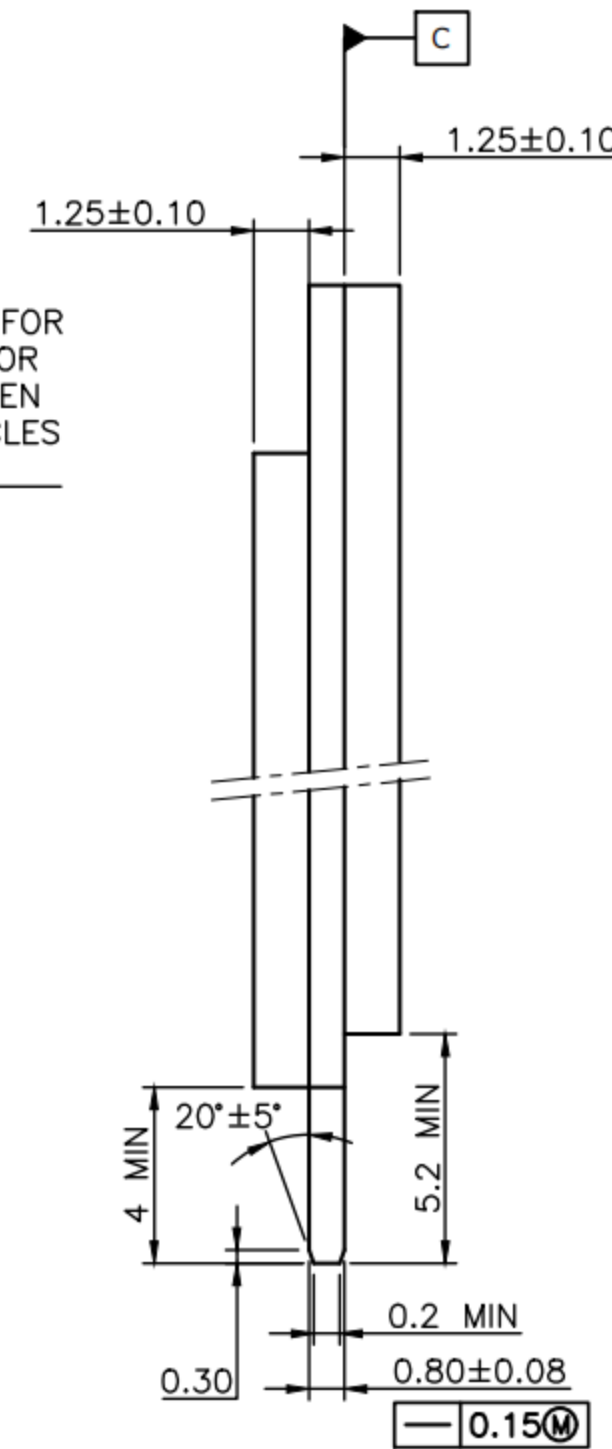
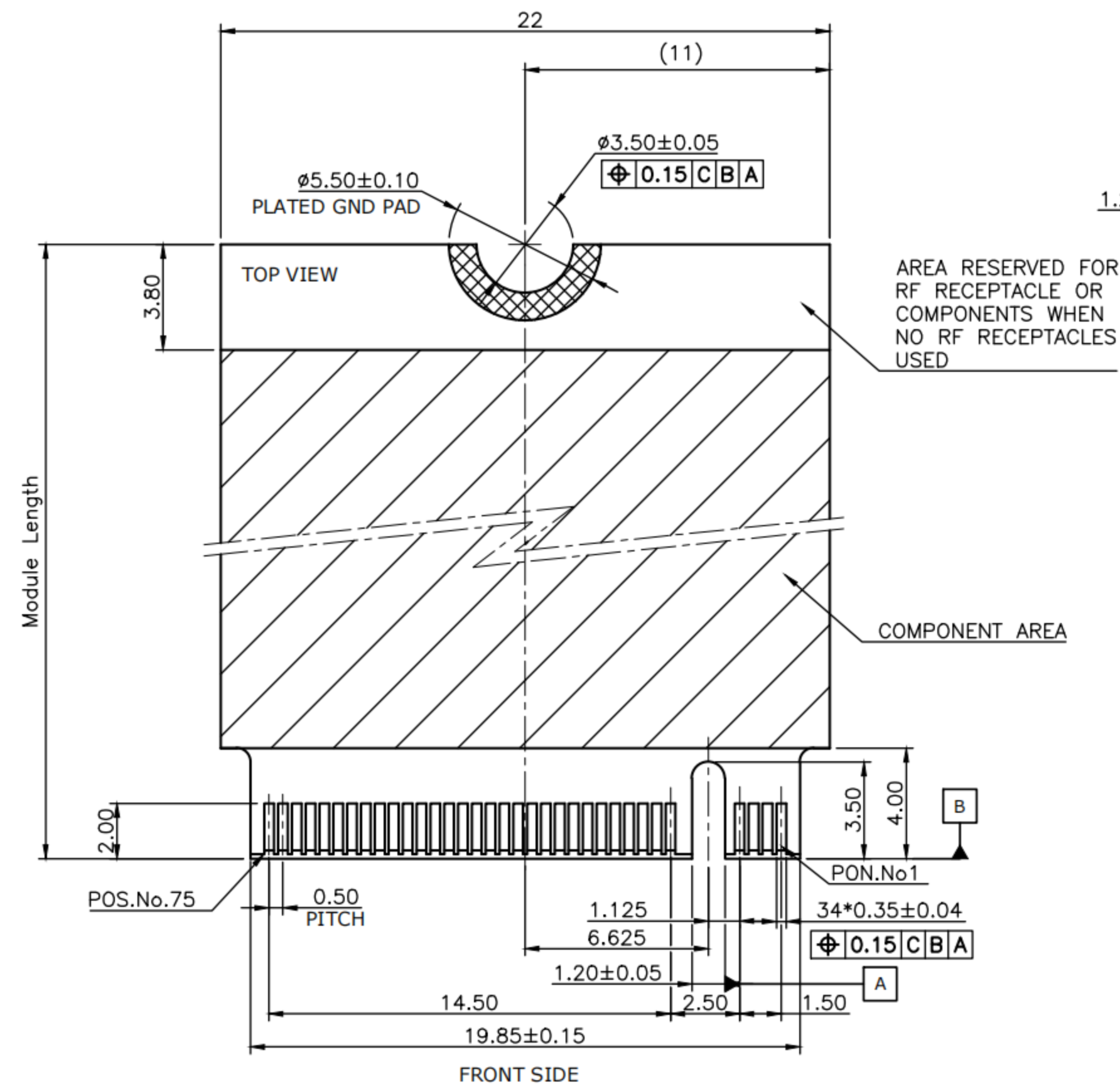
4	HOLD DOWN	BRASS, C2680R-H, 100u" Matte Tin plated, under-plated Nickel 50u"
3	LOWER CONTACT	PHOSPHOR BRONZE, C5210R-EH Contact area: Gold flash, Solder area: Gold flash, all under-plated Nickel 50u"
2	UPPER CONTACT	
1	INSULATOR	LCP, UL94V-0, BLACK
NO.	PART NAME	DESCRIPTION

8					TOLERANCE						
7					UNLESS SPECIFIED						
6					WITHIN 1.5mm : ±0.1mm	A	2012-9-25	初 版	ZENQ. CHEN		
5					OVER 1.5mm : ±0.2mm	ISSUE	DATE	DESCRIPTIONS OF REVISION	APPD.		
4	CONTACT	SUS	1	Ag CLAD	TITLE : PCB卡插座			UNIT : mm	DRWG NO.: XB-123A-40A00		
3	CASE	PPA/BRASS SRTIP	1	BLACK/Ag PLATED	MODEL: PCB Card Socket			SCALE: 5:1	DWN.	JUN. YANG	2012-9-25
2	COVER	STEEL STRIP	1	Ni PLATED	 东莞市溪榜电子有限公司 DONG GUAN XI BANG ELECTRONICS CO., LTD.			CHK'D	DONG. PANG	2012-9-25	
1	KNOB	PPA	1	BLACK				APPD.	ZENQ. CHEN	2012-9-25	
NO.	PARTS	MATERIALS	Q'TY	FINISH							



CAD FILE:

REV.	DESCRIPTION	DRAWN	DATE
1	INITIAL RELEASE	FROS	2019/01/09
1.1	Corrected	FROS	2019/09/11

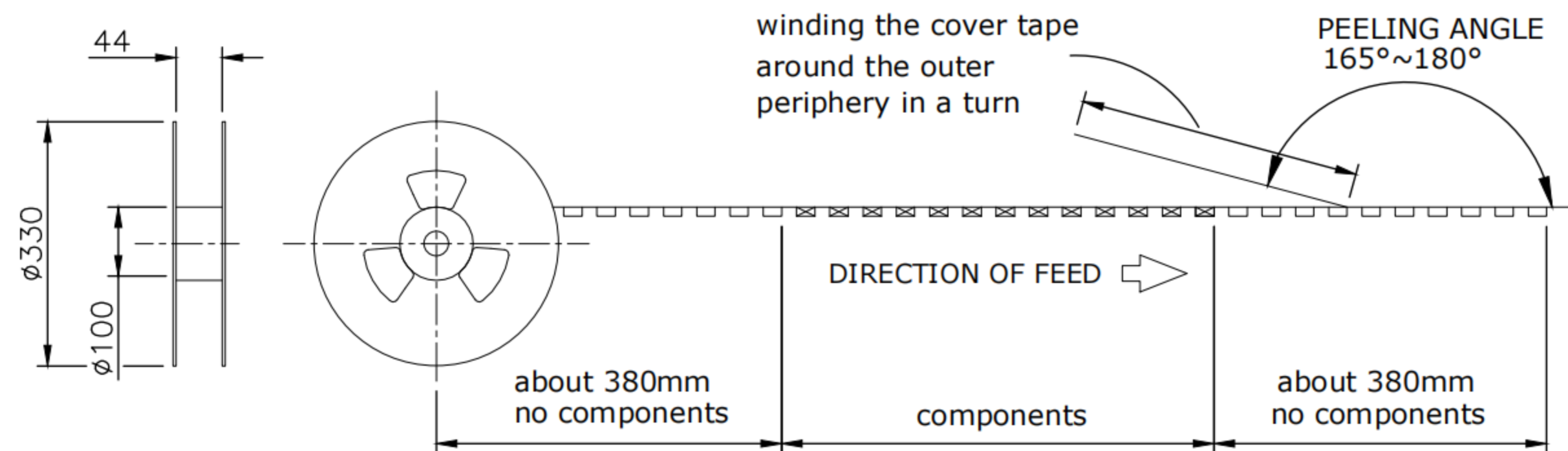


Module Length (mm)
42
60
80
110

KEY ID "A"

RECOMMENDED MODULE LAYOUT

8					TOLERANCE				
7					UNLESS SPECIFIED				
6					WITHIN 1.5mm : ±0.1mm	A	2012-9-25	初 版	ZENQ. CHEN
5					OVER 1.5mm : ±0.2mm	ISSUE	DATE	DESCRIPTIONS OF REVISION	APPD.
4	CONTACT	SUS	1	Ag CLAD	TITLE : PCB卡插座			UNIT : mm	DRWG NO.: XB-123A-40A00
3	CASE	PPA/BRASS SRTIP	1	BLACK/Ag PLATED	MODEL: PCB Card Socket			SCALE: 5:1	DWN. JUN. YANG 2012-9-25
2	COVER	STEEL STRIP	1	Ni PLATED	 东莞市溪榜电子有限公司 DONG GUAN XI BANG ELECTRONI CS CO., LTD.			CHK'D DONG. PANG 2012-9-25	
1	KNOB	PPA	1	BLACK				APPD. ZENQ. CHEN 2012-9-25	
NO.	PARTS	MATERIALS	Q'TY	FINISH					

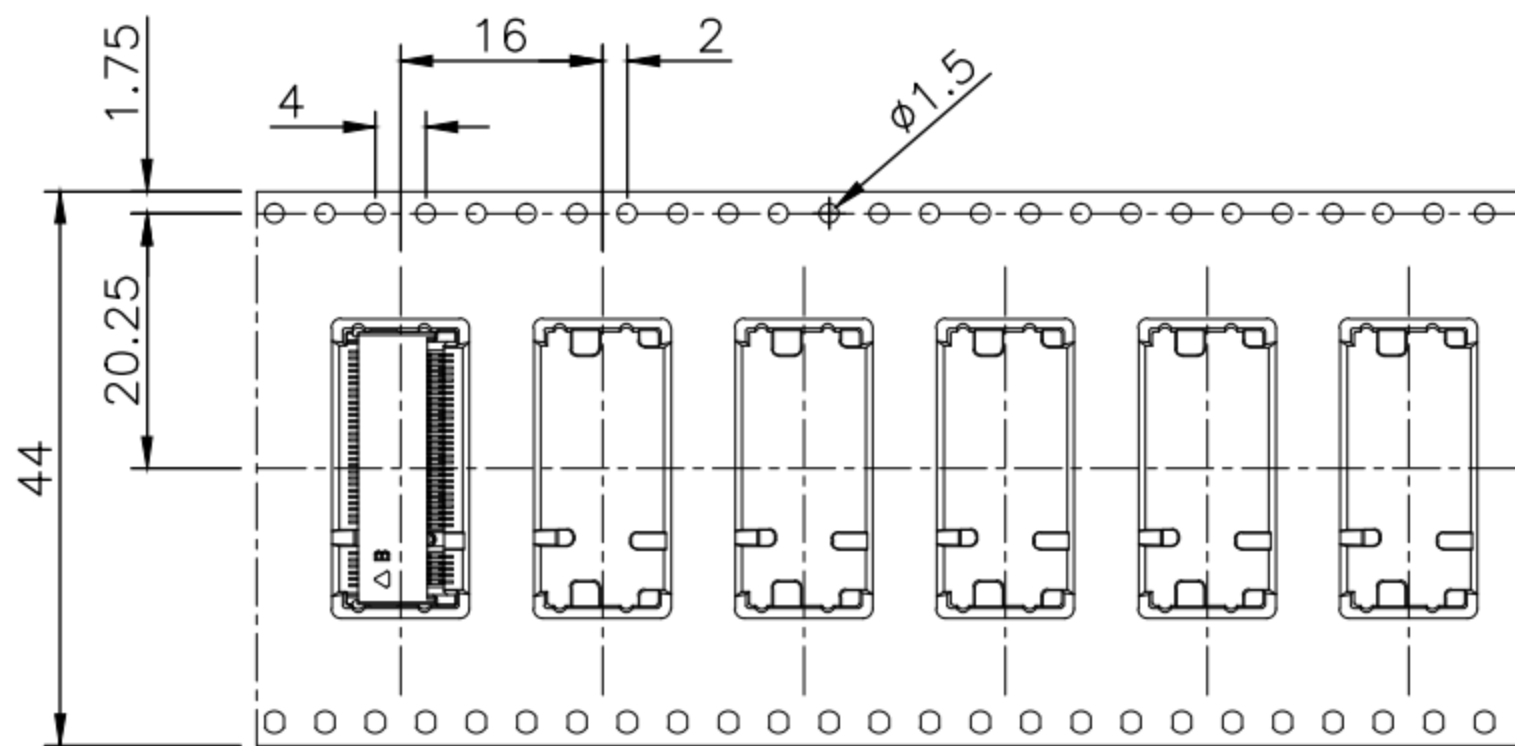
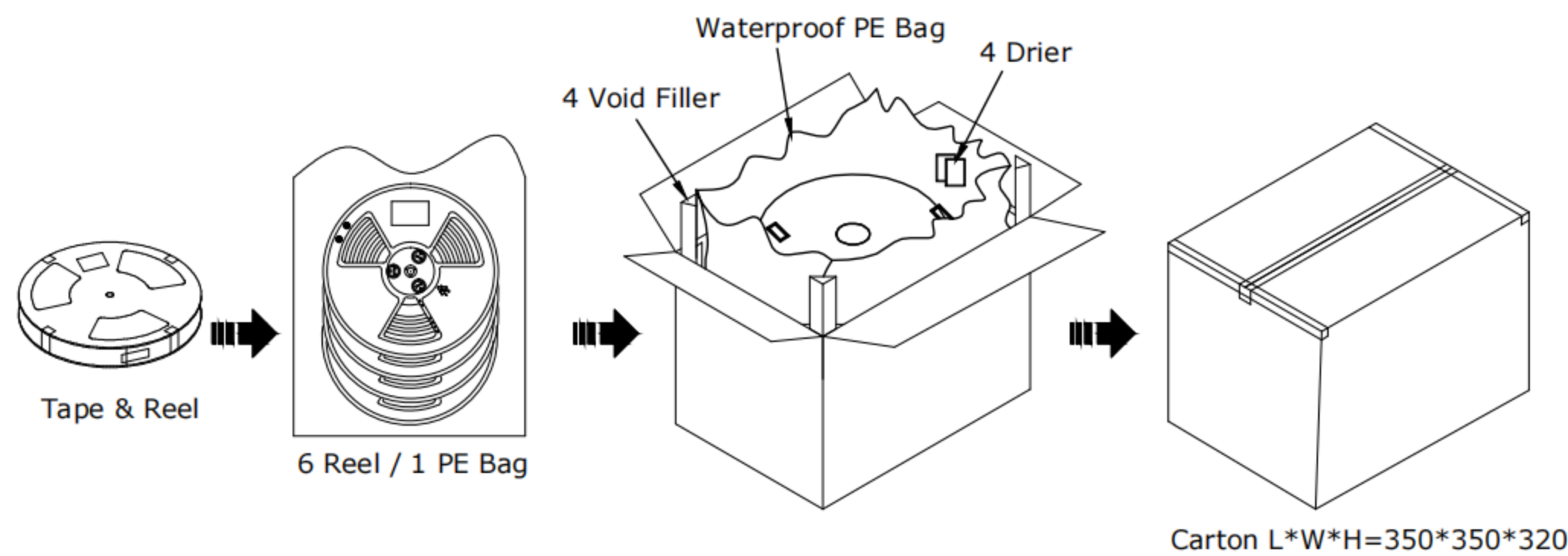


PACKAGING SPECIFICATION:

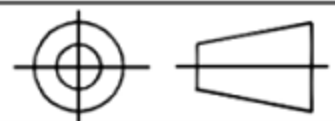
1. MATERIAL
- 1.1 Embossed Carrier Tape: PS Black
- 1.2 Top Cover Tape: PET
20-80g(Peel Speed 300mm/Minute)
- 1.3 Taping Reel: Plastic

2. Packaging:

P/N	Height	Reel	Carton
123A-21X00	2.15	1200	7200
123A-30X00	3.05	900	5400
123A-40X00	4.05	700	4200
123A-58X00	5.80	600	3600

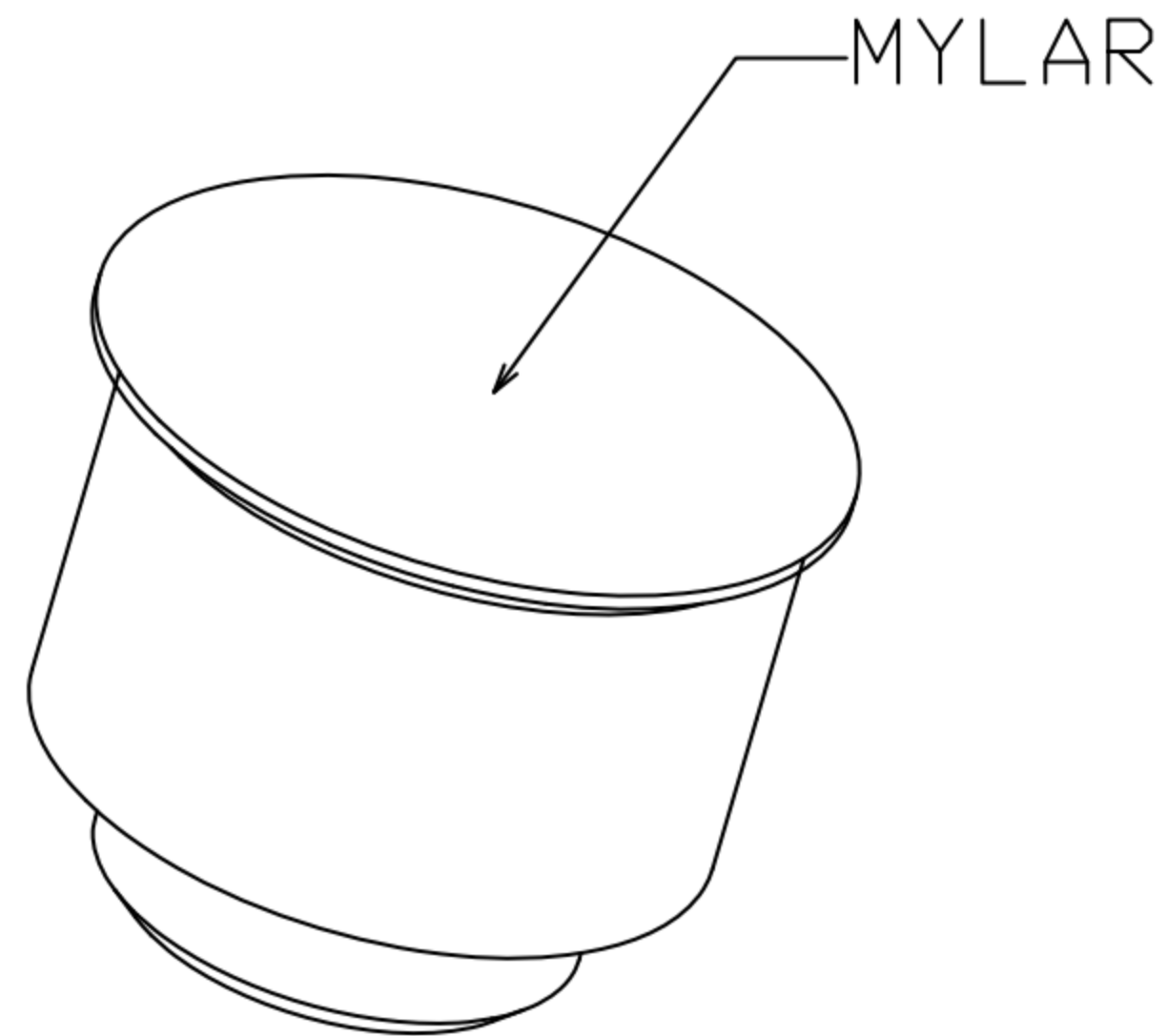
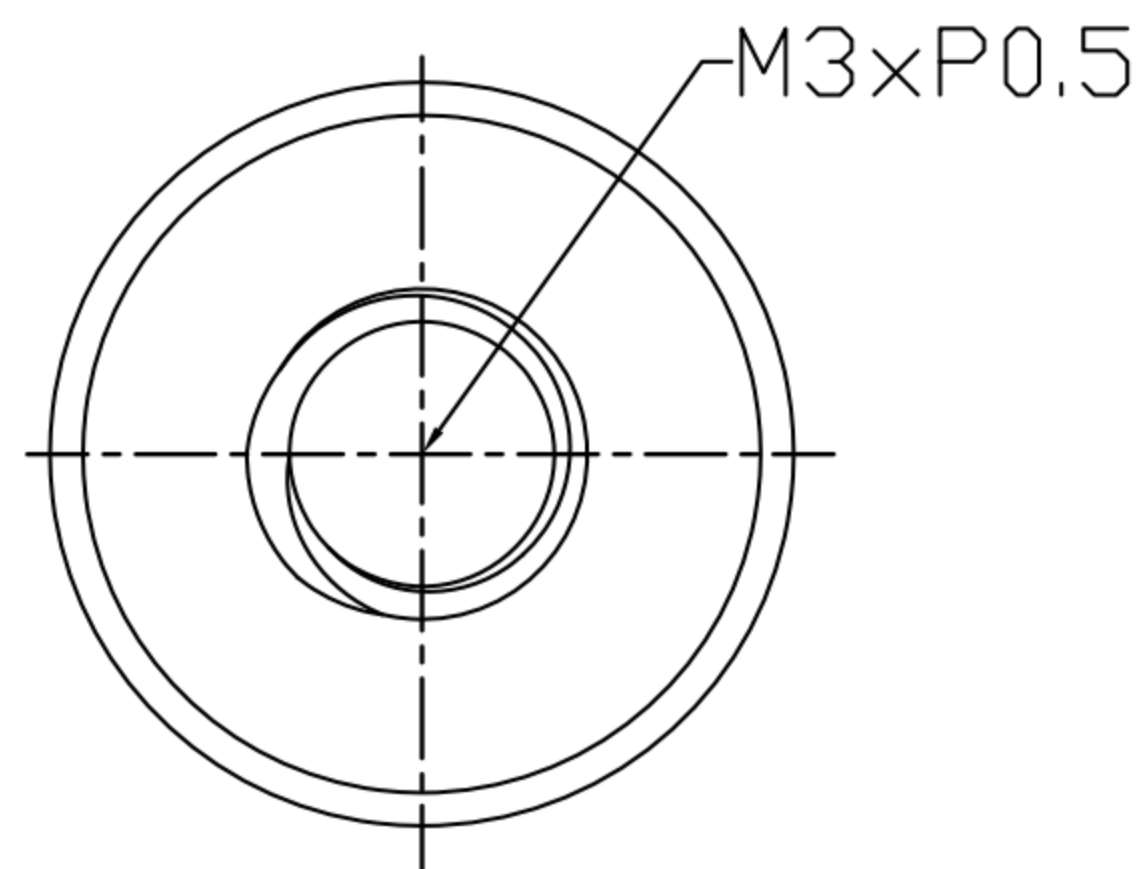


8					TOLERANCE				
7					UNLESS SPECIFIED				
6					WITHIN 1.5mm : $\pm 0.1\text{mm}$	A	2012-9-25	初 版	ZENQ. CHEN
5					OVER 1.5mm : $\pm 0.2\text{mm}$	ISSUE	DATE	DESCRIPTIONS OF REVISION	APPD.
4	CONTACT	SUS	1	Ag CLAD	TITLE : PCB卡插座			UNIT : mm	DRWG NO.: XB-123A-40A00
3	CASE	PPA/BRASS SRTIP	1	BLACK/Ag PLATED	MODEL: PCB Card Socket			SCALE: 5:1	DWN. JUN. YANG 2012-9-25
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1	KNOB	PPA	1	BLACK				APPD. ZENQ. CHEN 2012-9-25	
NO.	PARTS	MATERIALS	Q'TY	FINISH					



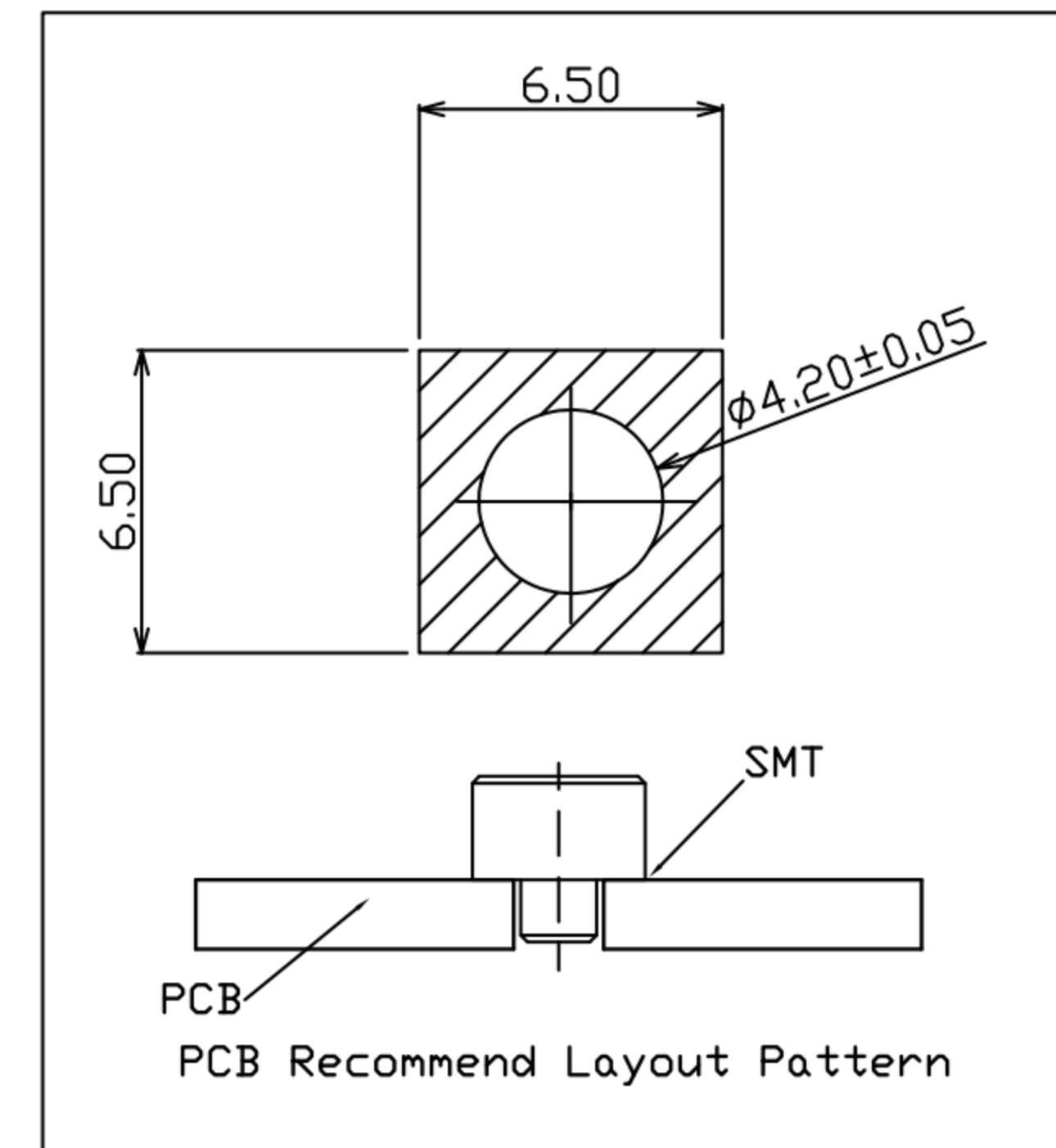
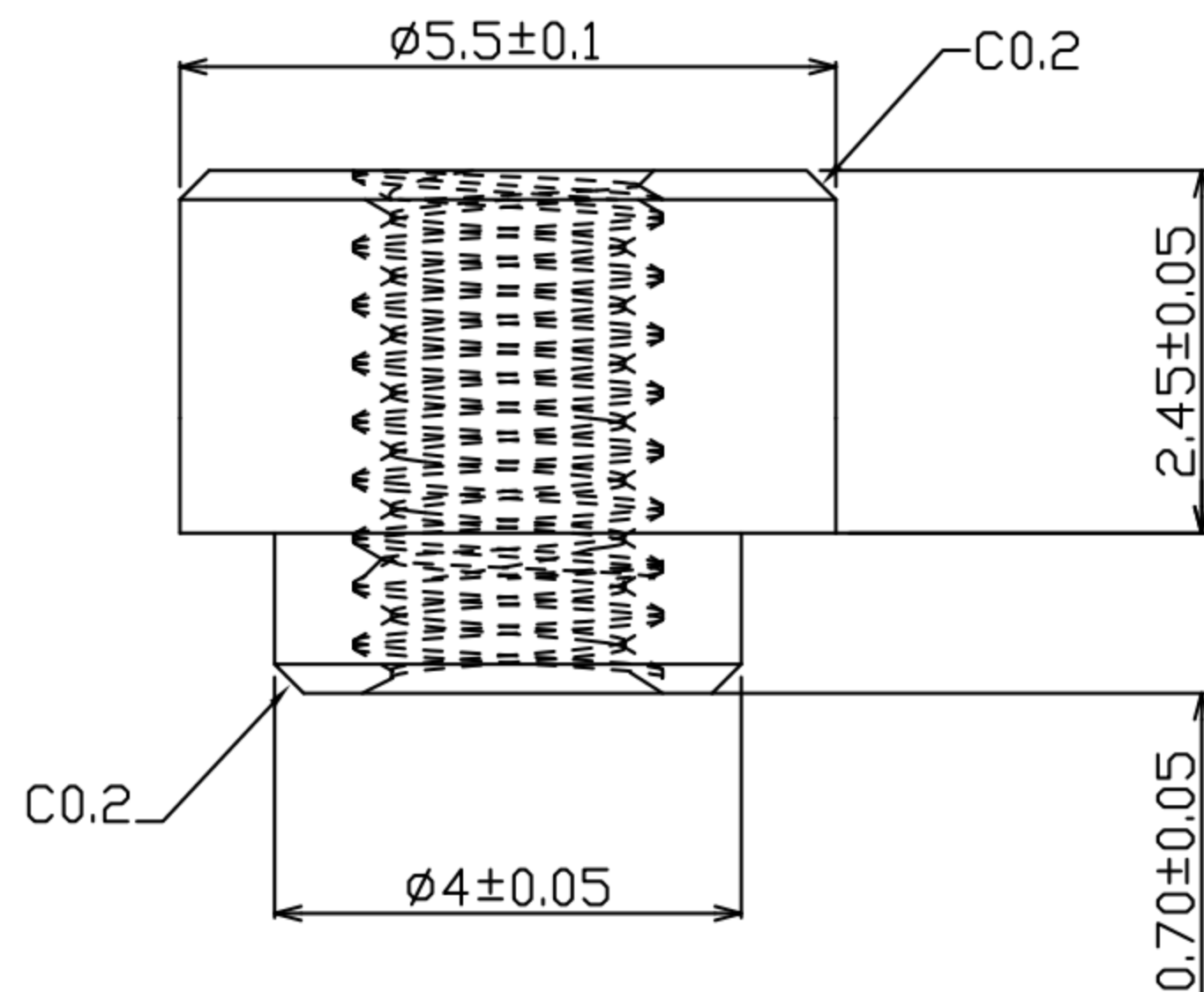
CAD FILE:

REV.	DESCRIPTION	DRAWN	DATE
1	INITIAL RELEASE	TIM	2018/01/19

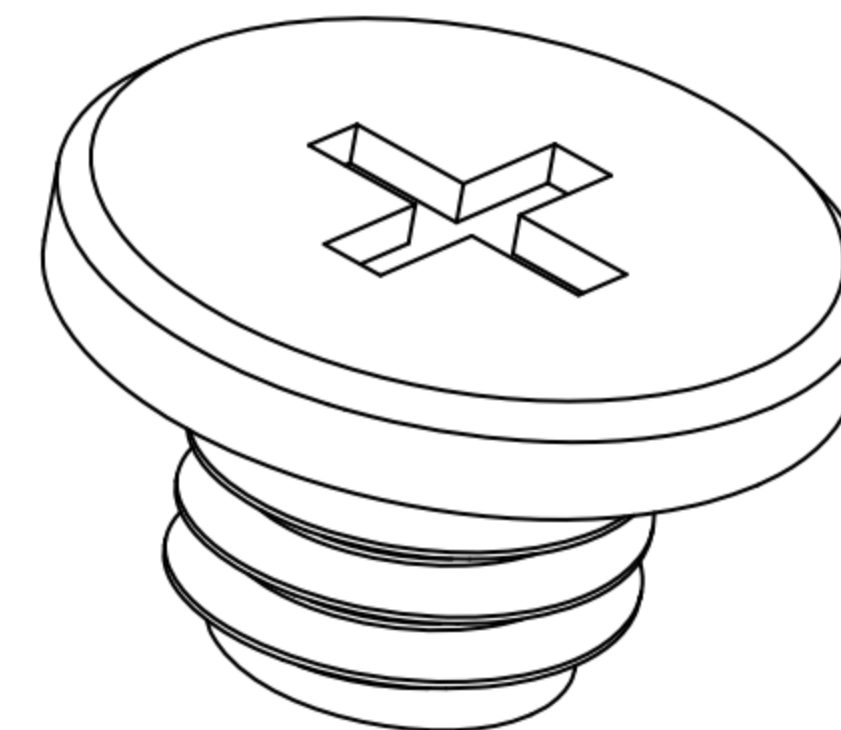
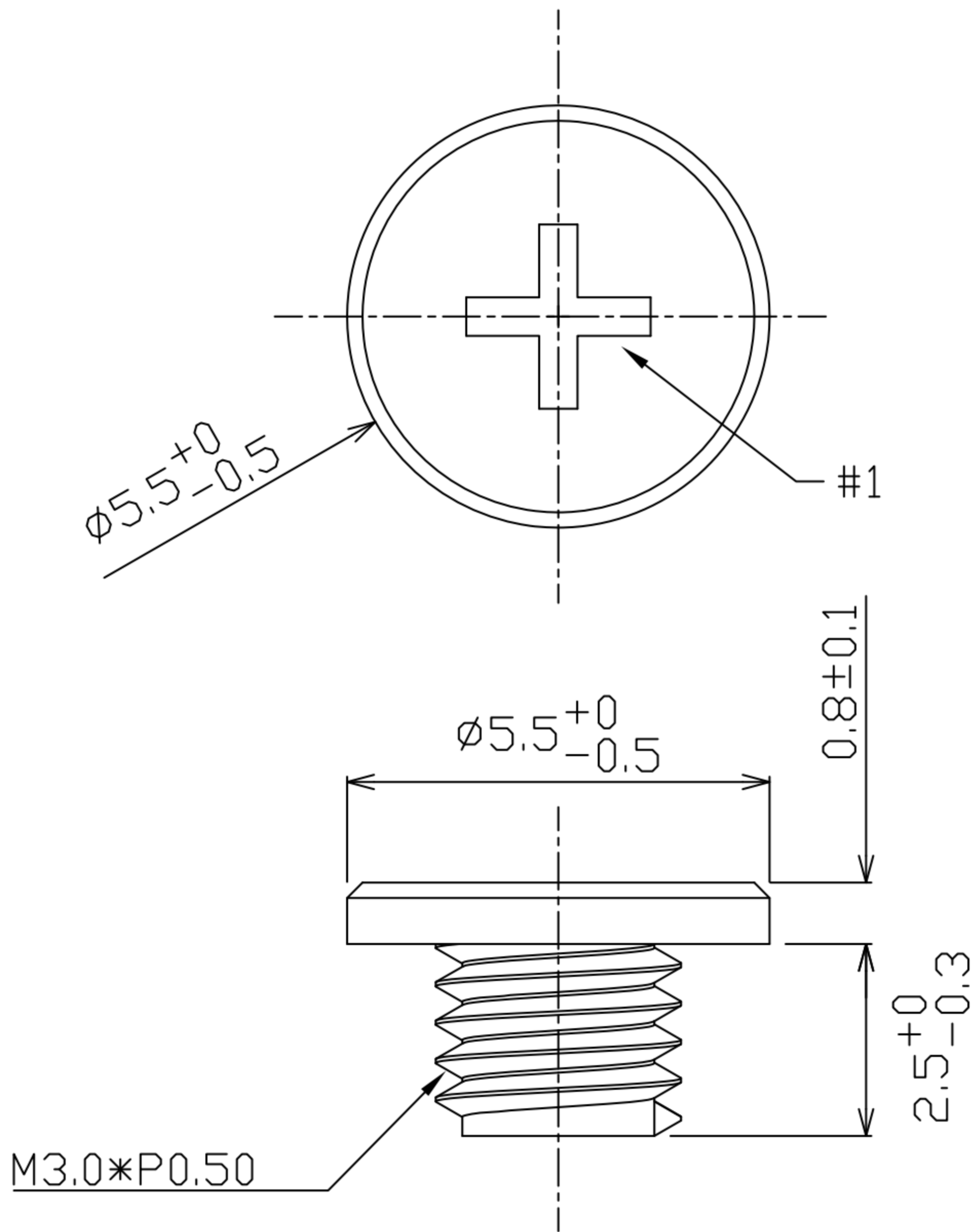


NOTE:

- 1.MATERIAL: Copper Alloy
- 2.Plating: Sn.



NO.	PARTS	MATERIALS	Q'TY	FINISH	TOLERANCE UNLESS SPECIFIED	ISSUE	DATE	DESCRIPTIONS OF REVISION	APPD.
8									
7									
6					WITHIN 1.5mm : ±0.1mm	A	2012-9-25	初 版	ZENQ. CHEN
5					OVER 1.5mm : ±0.2mm	ISSUE	DATE	DESCRIPTIONS OF REVISION	APPD.
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2	COVER	STEEL STRIP	1	Ni PLATED	 东莞市溪榜电子有限公司 DONG GUAN XI BANG ELECTRONICS CO., LTD.			CHK'D DONG. PANG 2012-9-25	
1	KNOB	PPA	1	BLACK				APPD. ZENQ. CHEN 2012-9-25	



Note:
1.Material: Low-carbon steel
2.Plating: Nickel

8					TOLERANCE UNLESS SPECIFIED						
7											
6					WITHIN 1.5mm : ±0.1mm	A	2012-9-25	初 版		ZENQ. CHEN	
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1	KNOB	PPA	1	BLACK				APPD.	ZENQ. CHEN	2012-9-25	
NO.	PARTS	MATERIALS	Q'TY	FINISH							