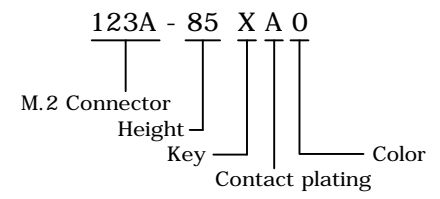


REV.	DESCRIPTION	DRAWN	DATE
1	INITIAL RELEASE	FROS	2015/04/13
2	Add A & E Key SPEC.	FROS	2018/10/09
3	CORRECTED	TIM	2019/06/10

Notes:

Material:

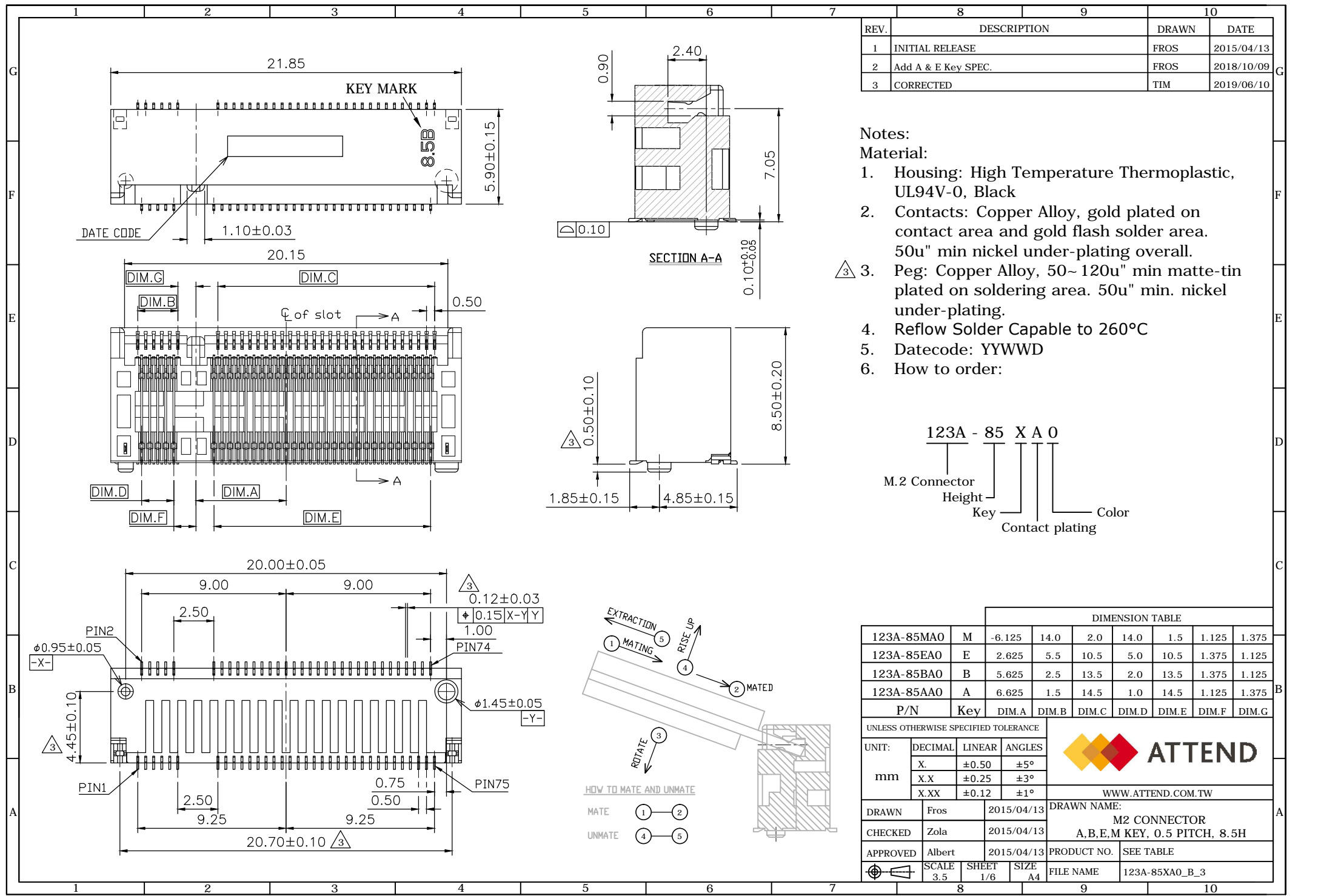
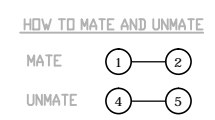
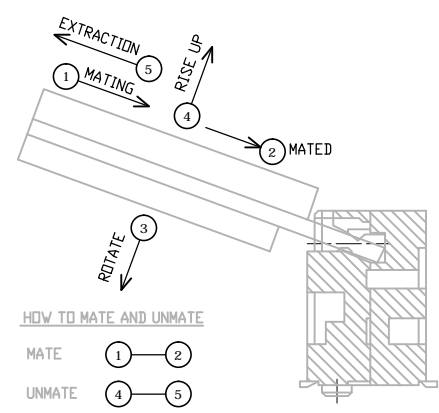
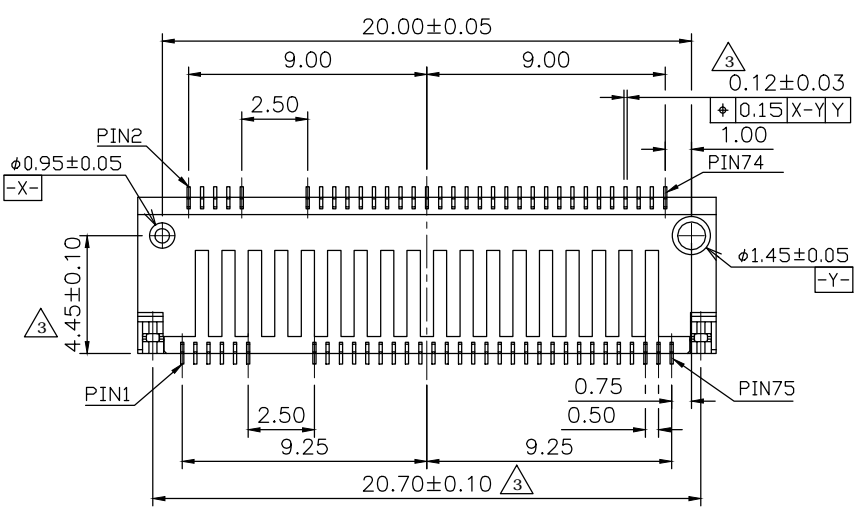
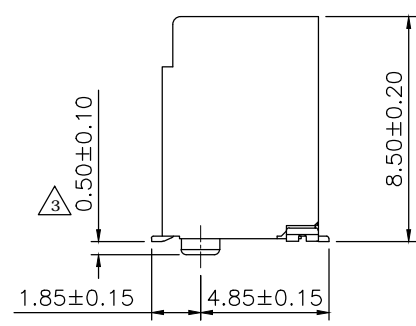
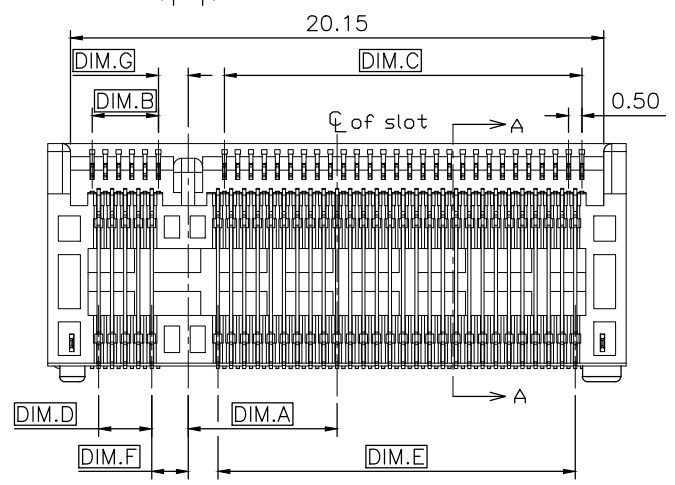
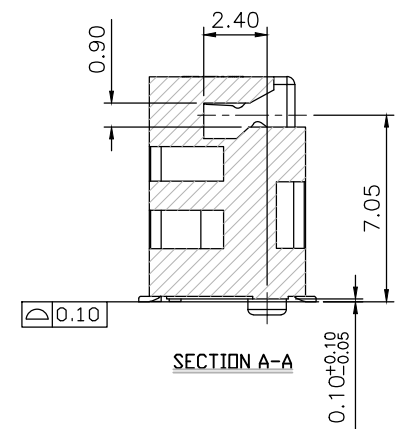
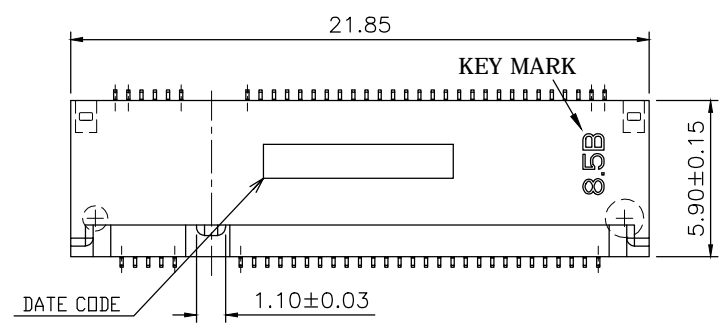
- Housing: High Temperature Thermoplastic, UL94V-0, Black
- Contacts: Copper Alloy, gold plated on contact area and gold flash solder area. 50u" min nickel under-plating overall.
- △ Peg: Copper Alloy, 50~120u" min matte-tin plated on soldering area. 50u" min. nickel under-plating.
- Reflow Solder Capable to 260°C
- Datecode: YYWWD
- How to order:



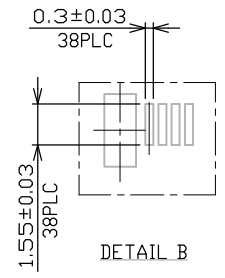
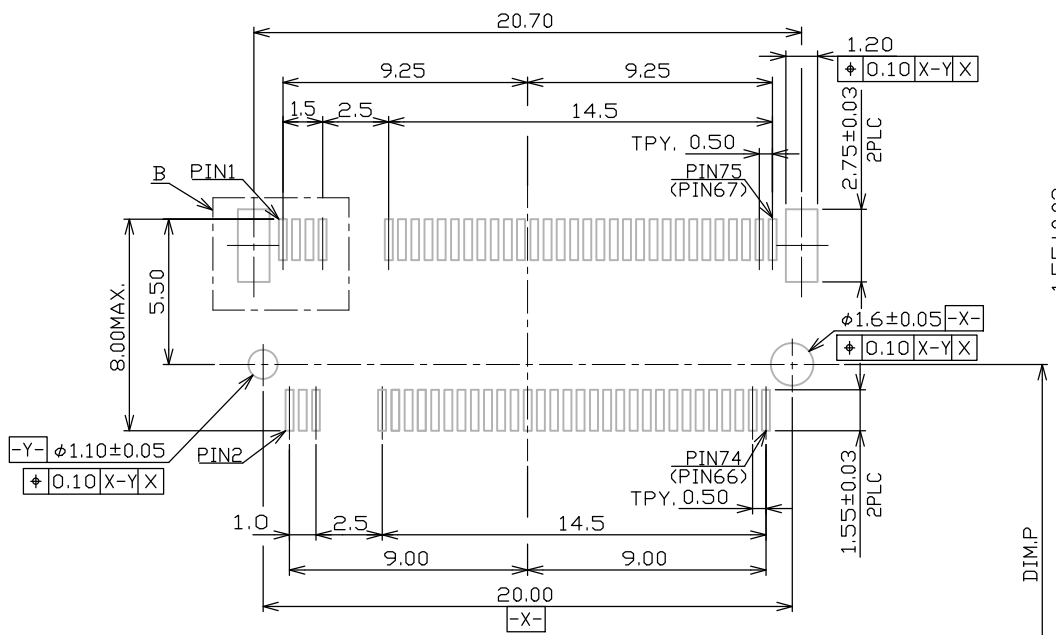
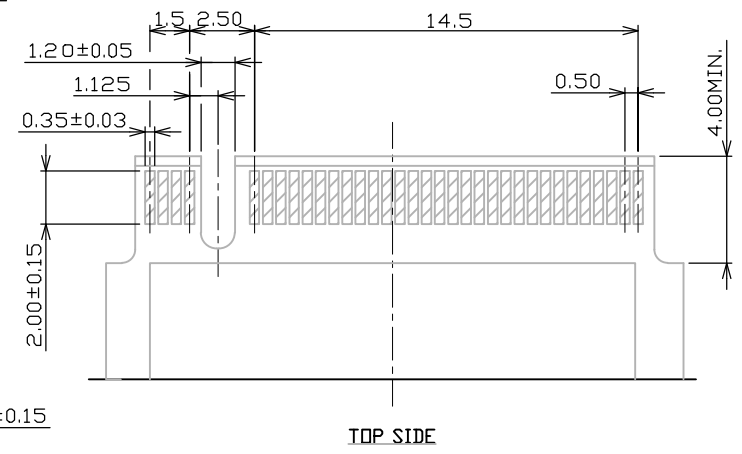
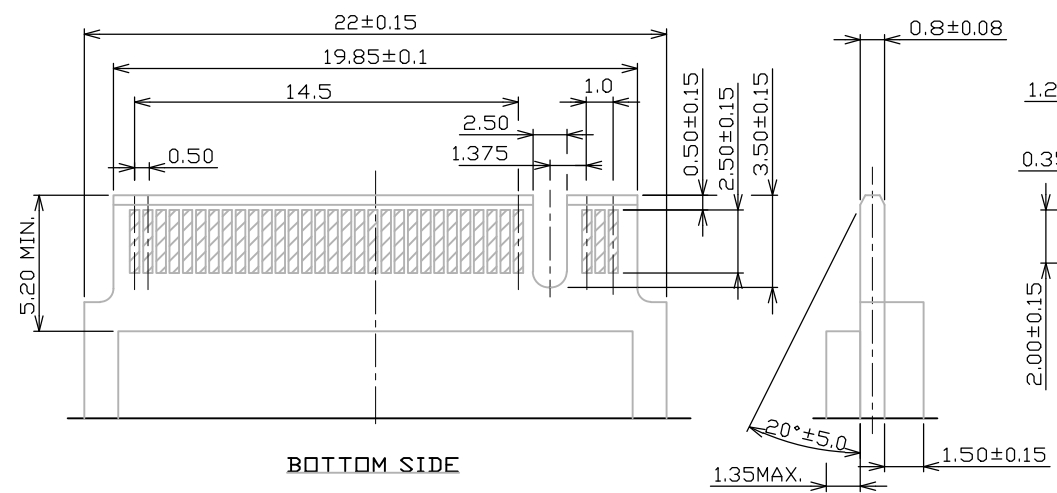
		DIMENSION TABLE							
P/N	Key	DIM.A	DIM.B	DIM.C	DIM.D	DIM.E	DIM.F	DIM.G	
123A-85MA0	M	-6.125	14.0	2.0	14.0	1.5	1.125	1.375	
123A-85EA0	E	2.625	5.5	10.5	5.0	10.5	1.375	1.125	
123A-85BA0	B	5.625	2.5	13.5	2.0	13.5	1.375	1.125	
123A-85AA0	A	6.625	1.5	14.5	1.0	14.5	1.125	1.375	

UNLESS OTHERWISE SPECIFIED TOLERANCE			
UNIT:	DECIMAL	LINEAR	ANGLES
mm	X.	±0.50	±5°
	X.X	±0.25	±3°
	X.XX	±0.12	±1°

DRAWN	Fros	2015/04/13	DRAWN NAME:	M2 CONNECTOR	
CHECKED	Zola	2015/04/13		A,B,E,M KEY, 0.5 PITCH, 8.5H	
APPROVED	Albert	2015/04/13	PRODUCT NO.	SEE TABLE	
SCALE	3.5	SHEET	1/6	SIZE	A4
FILE NAME		123A-85XA0_B_3			



REV.	DESCRIPTION	DRAWN	DATE
	see sheet one		

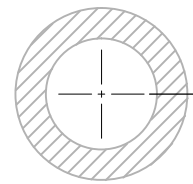


107.60	22110
77.60	2280
57.60	2260
39.60	2242
27.60	2230
39.60	3042
27.60	3030
DIM.P	MODULE TYPE

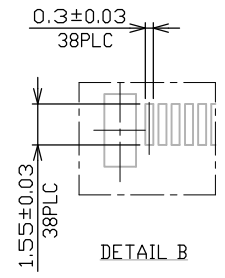
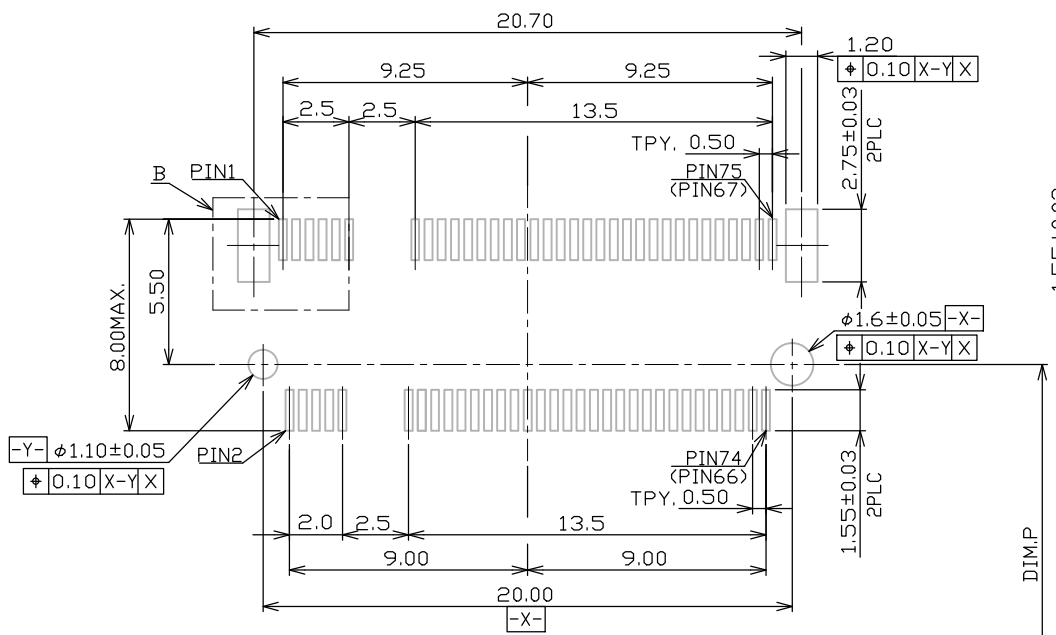
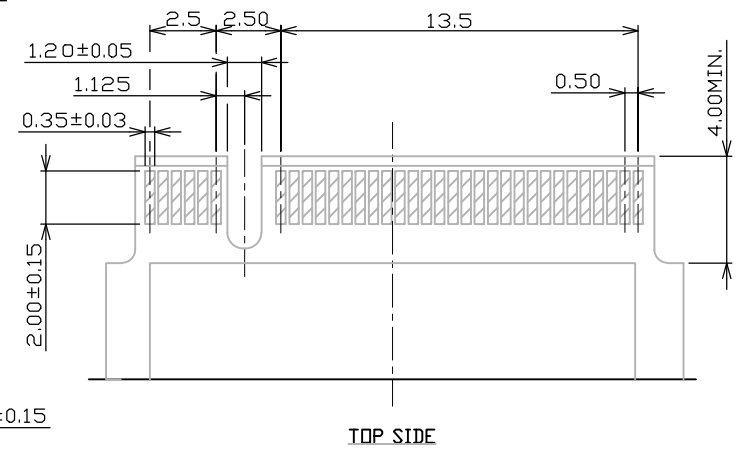
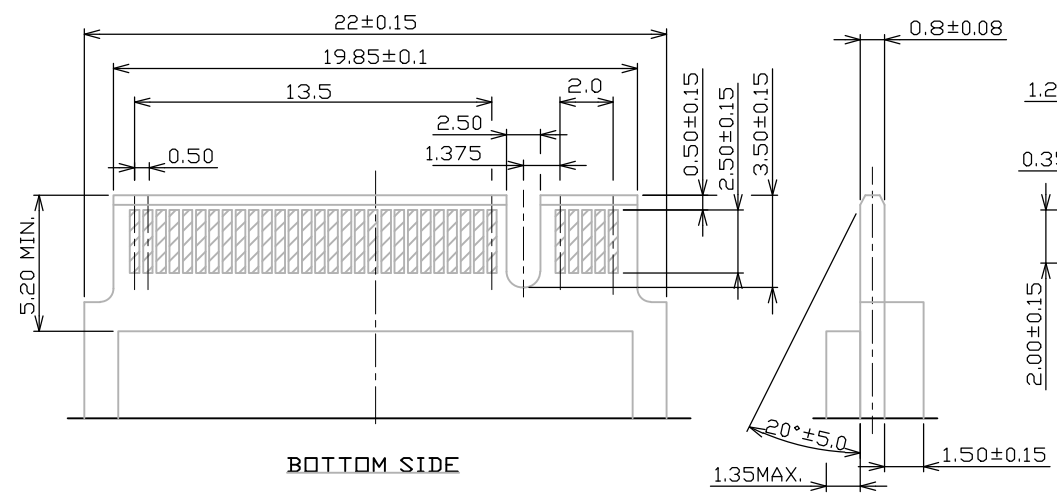
UNLESS OTHERWISE SPECIFIED TOLERANCE			
UNIT:	DECIMAL	LINEAR	ANGLES
mm	X.	±0.50	±5°
	X.X	±0.25	±3°
	X.XX	±0.12	±1°

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DRAWN	Fros	2015/04/13	DRAWN NAME:
CHECKED	Zola	2015/04/13	LAYOUT, M2 CONNECTOR A-KEY, 0.5 PITCH, 8.5H
APPROVED	Albert	2015/04/13	PRODUCT NO. 123A-85AA0
SCALE	3.5	SHEET 2/6	SIZE A4
FILE NAME		123A-85XA0_B_3	



REV.	DESCRIPTION	DRAWN	DATE
	see sheet one		



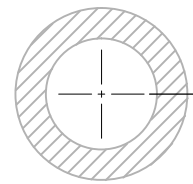
107.60	22110
77.60	2280
57.60	2260
39.60	2242
27.60	2230
39.60	3042
27.60	3030
DIM.P	MODULE TYPE

UNLESS OTHERWISE SPECIFIED TOLERANCE			
UNIT:	DECIMAL	LINEAR	ANGLES
mm	X.	±0.50	±5°
	X.X	±0.25	±3°
	X.XX	±0.12	±1°



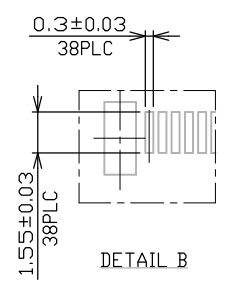
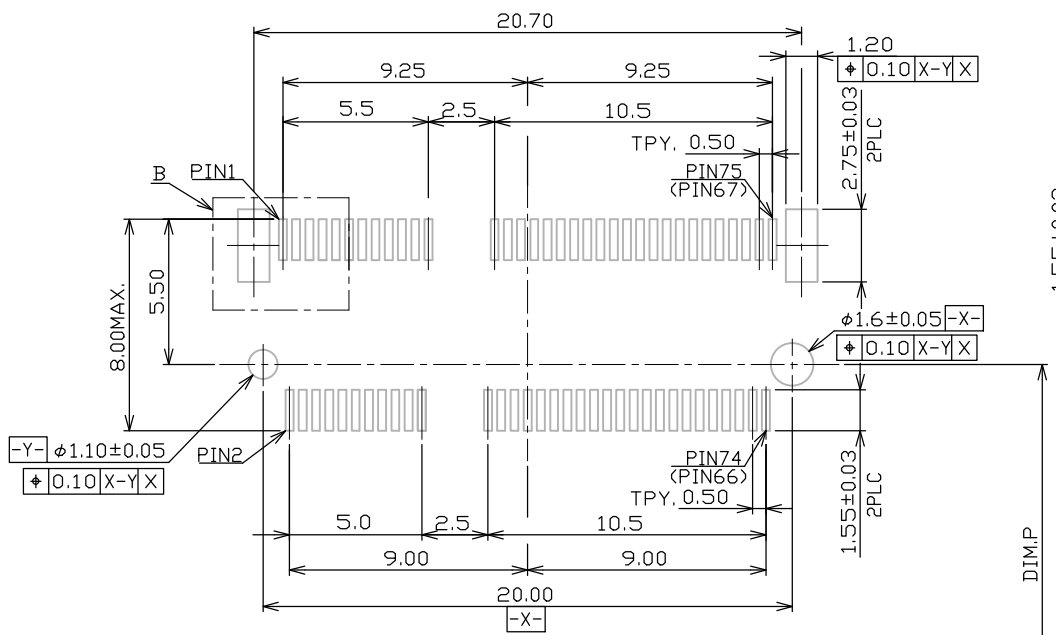
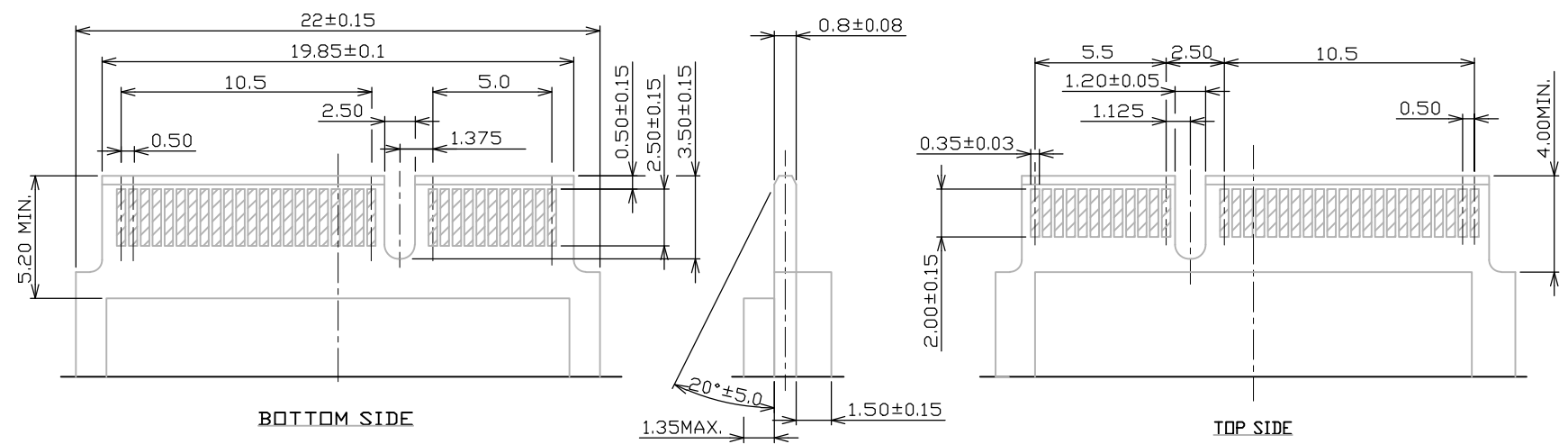
WWW.ATTEND.COM.TW

DRAWN	Fros	2015/04/13	DRAWN NAME:	LAYOUT, M2 CONNECTOR
CHECKED	Zola	2015/04/13		B-KEY, 0.5 PITCH, 8.5H
APPROVED	Albert	2015/04/13	PRODUCT NO.	123A-85BA0
SCALE	3.5	SHEET	3/6	SIZE
				A4
FILE NAME			123A-85XA0_B_3	



RECOMMENDED P.C.BOARD LAYOUT

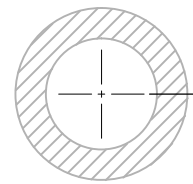
REV.	DESCRIPTION	DRAWN	DATE
	see sheet one		



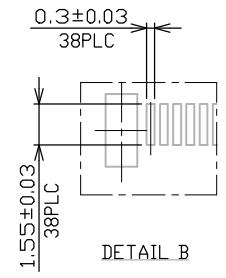
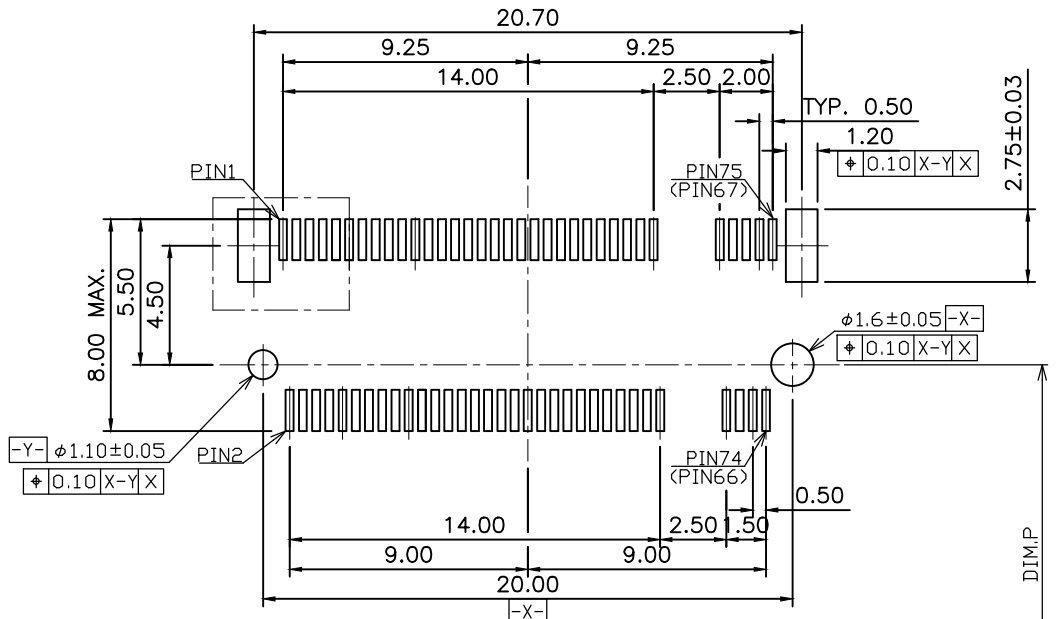
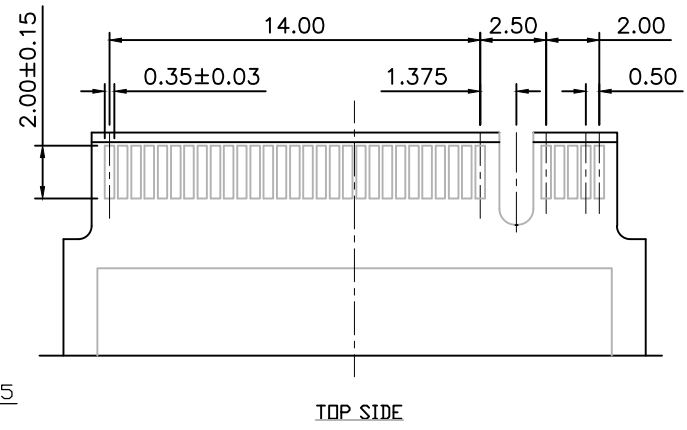
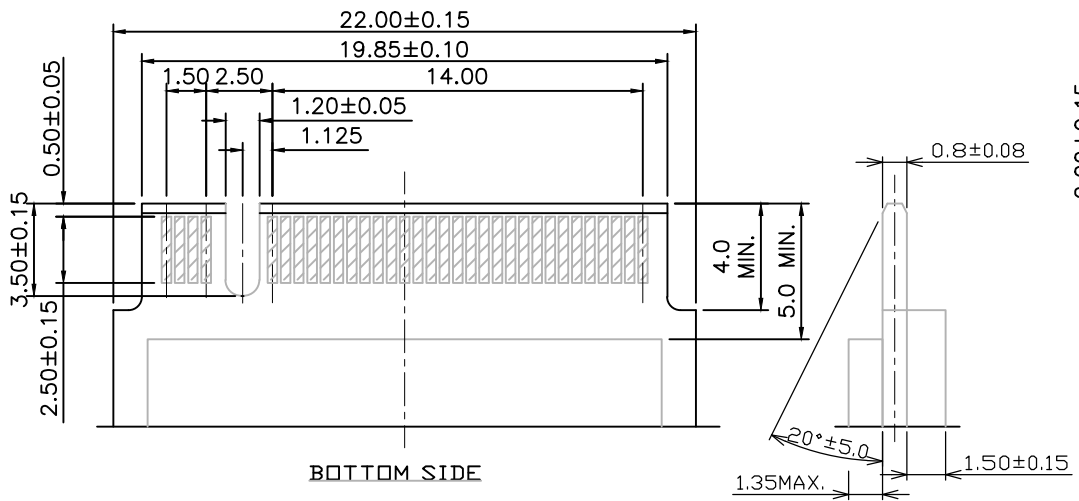
107.60	22110
77.60	2280
57.60	2260
39.60	2242
27.60	2230
39.60	3042
27.60	3030
DIM.P	MODULE TYPE

UNLESS OTHERWISE SPECIFIED TOLERANCE				
UNIT:	DECIMAL	LINEAR	ANGLES	
mm	X.	±0.50	±5°	
	X.X	±0.25	±3°	
	X.XX	±0.12	±1°	
DRAWN	Fros	2015/04/13	DRAWN NAME: LAYOUT, M2 CONNECTOR E-KEY, 0.5 PITCH, 8.5H	
CHECKED	Zola	2015/04/13		
APPROVED	Albert	2015/04/13	PRODUCT NO. 123A-85EA0	
SCALE	3.5	SHEET 4/6	SIZE A4	FILE NAME 123A-85XA0_B_3


RECOMMENDED P.C.BOARD LAYOUT

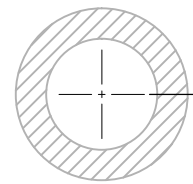


REV.	DESCRIPTION	DRAWN	DATE
	see sheet one		

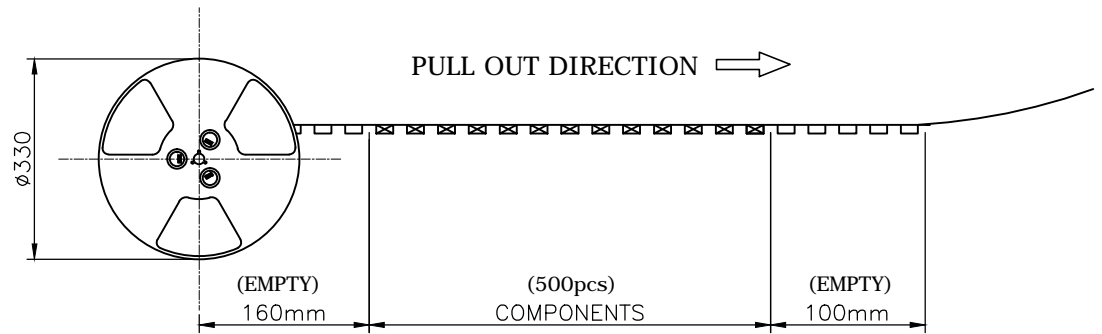


107.60	22110
77.60	2280
57.60	2260
39.60	2242
27.60	2230
39.60	3042
27.60	3030
DIM,P	MODULE TYPE

UNLESS OTHERWISE SPECIFIED TOLERANCE					
UNIT:	DECIMAL	LINEAR	ANGLES		
mm	X.	±0.50	±5°	WWW.ATTEND.COM.TW	
	X.X	±0.25	±3°		
	X.XX	±0.12	±1°		
DRAWN	Fros	2015/04/13	DRAWN NAME:		
CHECKED	Zola	2015/04/13	LAYOUT, M2 CONNECTOR		
APPROVED	Albert	2015/04/13	M-KEY, 0.5 PITCH, 8.5H		
SCALE	3.5	SHEET	5/6	SIZE	A4
FILE NAME	123A-85XA0_B_3				

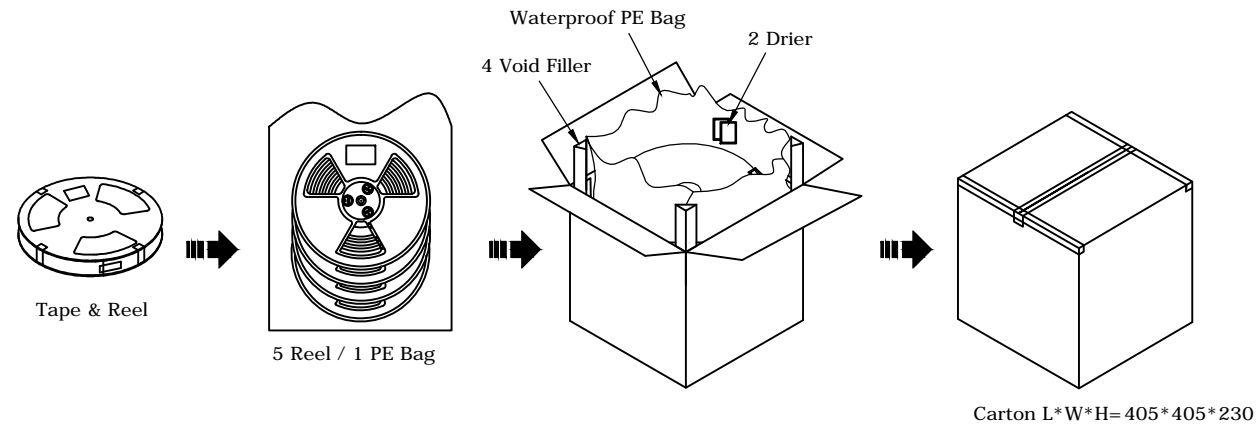
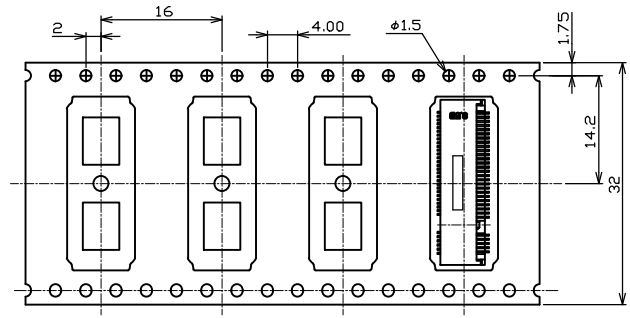



REV.	DESCRIPTION	DRAWN	DATE
	see sheet one		



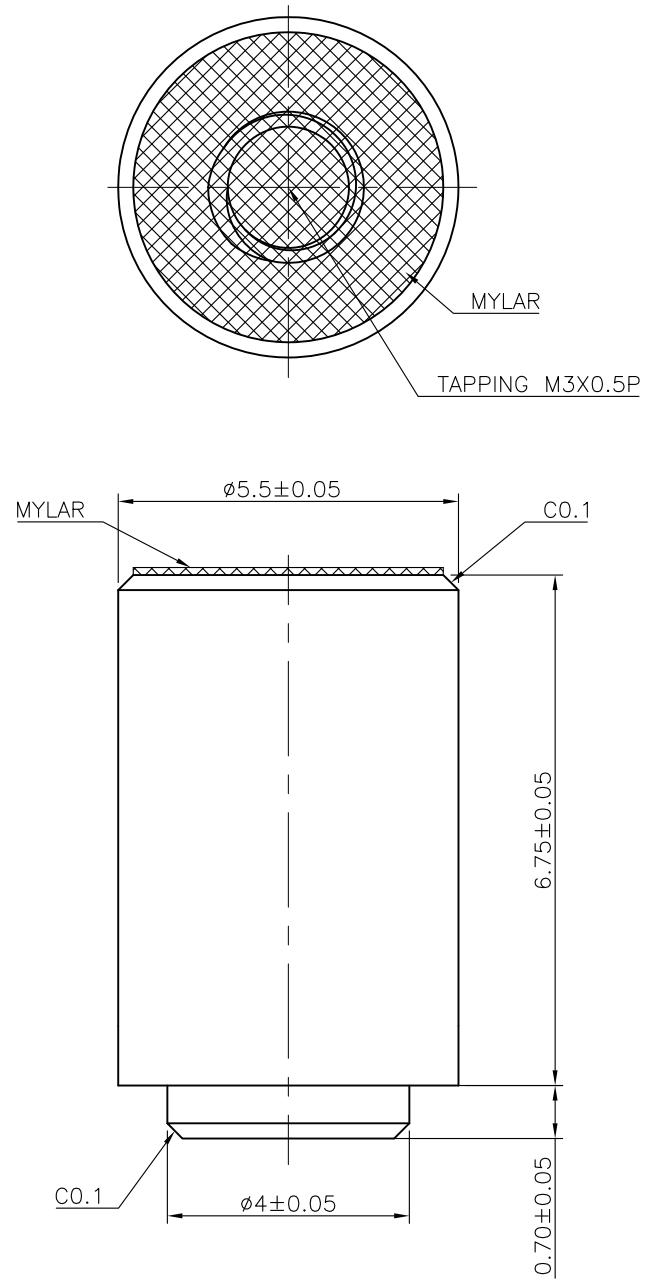
PACKAGING SPECIFICATION:

Quantity:
 500 Piece/ Reel
 5 Reel/ Carton
 2,500 Piece/ Outer Carton

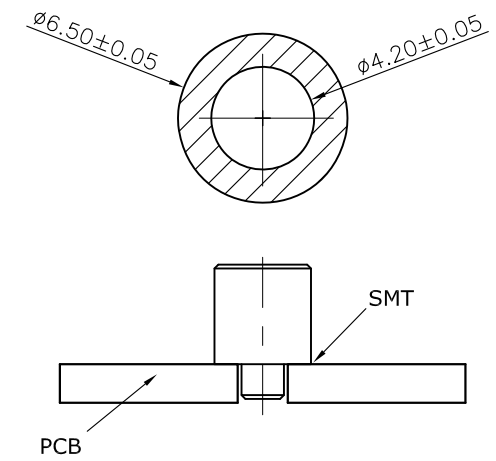


UNLESS OTHERWISE SPECIFIED TOLERANCE				 WWW.ATTEND.COM.TW
UNIT:	DECIMAL	LINEAR	ANGLES	
mm	X.	±0.50	±5°	
	X.X	±0.25	±3°	
	X.XX	±0.12	±1°	
DRAWN	Fros	2015/04/13	DRAWN NAME:	
CHECKED	Zola	2015/04/13	PACKAGING, M2 CONNECTOR A,B,E,M-KEY, 0.5 PITCH, 8.5H	
APPROVED	Albert	2015/04/13	PRODUCT NO.	see table
SCALE	N/A	SHEET 6/6	SIZE A4	FILE NAME 123A-85XA0_B_3



REV.	DESCRIPTION	DRAWN	DATE
1	INITIAL RELEASE	FROS	2016/12/28



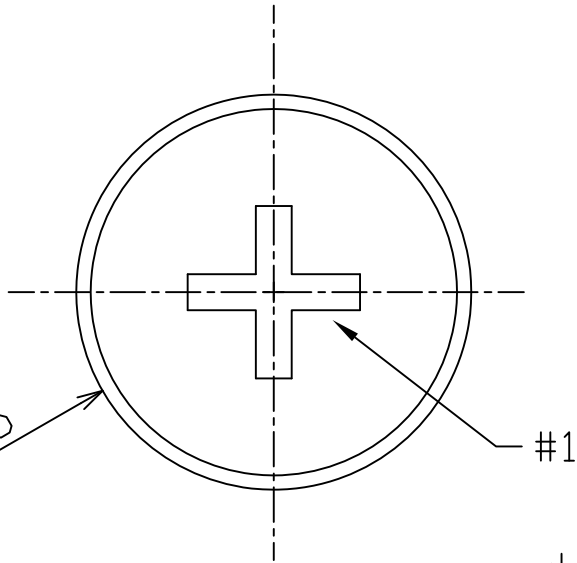
- NOTE:**
- 1.MATERIAL: Copper Alloy
 - 2.Plating: Sn.
 - 3.Tape & Reel Packing, 500pcs/ reel



PCB Recommend Layout Pattern

UNLESS OTHERWISE SPECIFIED TOLERANCE					
UNIT:	DECIMAL	LINEAR	ANGLES		
mm	X.	±0.50	±5°	WWW.ATTEND.COM.TW	
	X.X	±0.25	±3°		
	X.XX	±0.12	±1°		
DRAWN	Fros	2016/12/28	DRAWN NAME:		
CHECKED	Tim	2016/12/28	M.2 Connector Stand Off for 8.5H		
APPROVED	Ken	2016/12/28	PRODUCT NO.	123A-NUT-85	
	SCALE	SHEET	SIZE	FILE NAME	123A-NUT-85_B_1
	10/1	1/1	A4		

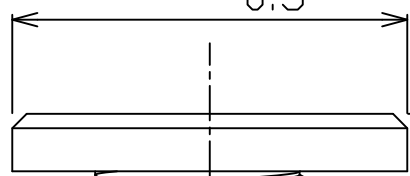
$\phi 5.5^{+0}_{-0.5}$



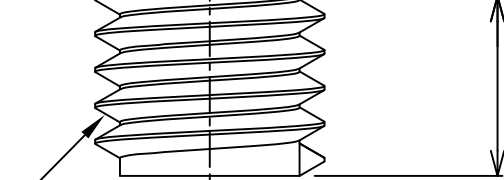
#1

$\phi 5.5^{+0}_{-0.5}$

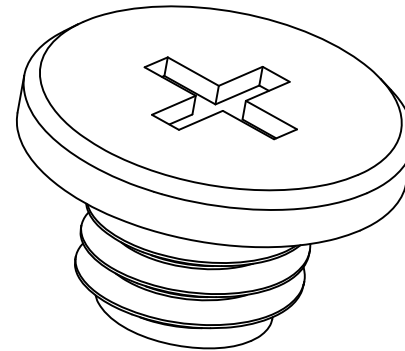
0.8 ± 0.1



$2.5^{+0}_{-0.3}$



M3.0*P0.50



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

UNLESS OTHERWISE SPECIFIED TOLERANCE		
ANGLES	ANG.	$\pm 5^\circ$
LINEAR		± 0.3
		± 0.25
		± 0.20
SCALE	AS SHOWN	UNIT: mm
DRAWN	Willis	2013/08/06
CHECKED	Angel	2013/08/06
APPROVED	Ken	2013/08/06



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REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE
1					
2					
3					
4					
5					
6					
7					

DRAWN NAME:		M.2 Series Screw	
PRODUCT NO.	123A-SCREW	FILE NAME	123A-SCREW_B_1

A ⚠ Revise: ⚠ Revise: ⚠ Revise:	UNLESS OTHERWISE SPECIFIED TOLERANCE ANGLES ANG. $\pm 5^\circ$ LINEAR 0. ± 0.3 0.0 ± 0.25 0.00 ± 0.20 SCALE AS SHOWN UNIT: mm DRAWN Willis 2013/08/06 CHECKED Angel 2013/08/06 APPROVED Ken 2013/08/06
REV. DESCRIPTION DATE REV. DESCRIPTION DATE 1 2 3 4 5 6 7	SIZE A4 REV. 1.0 8 9 10