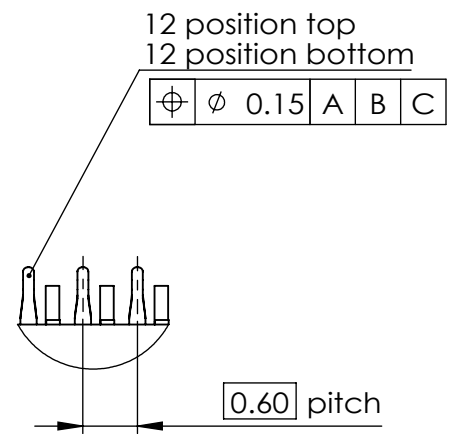
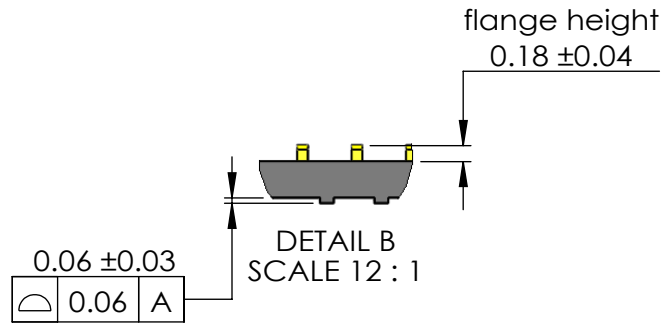
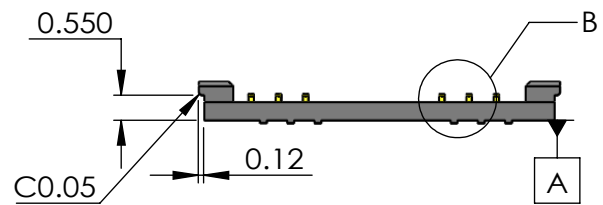
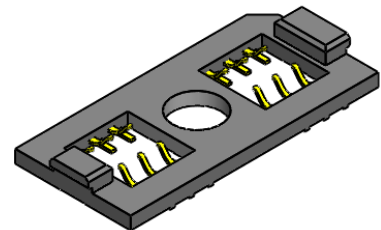
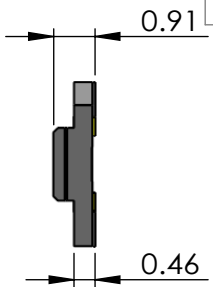
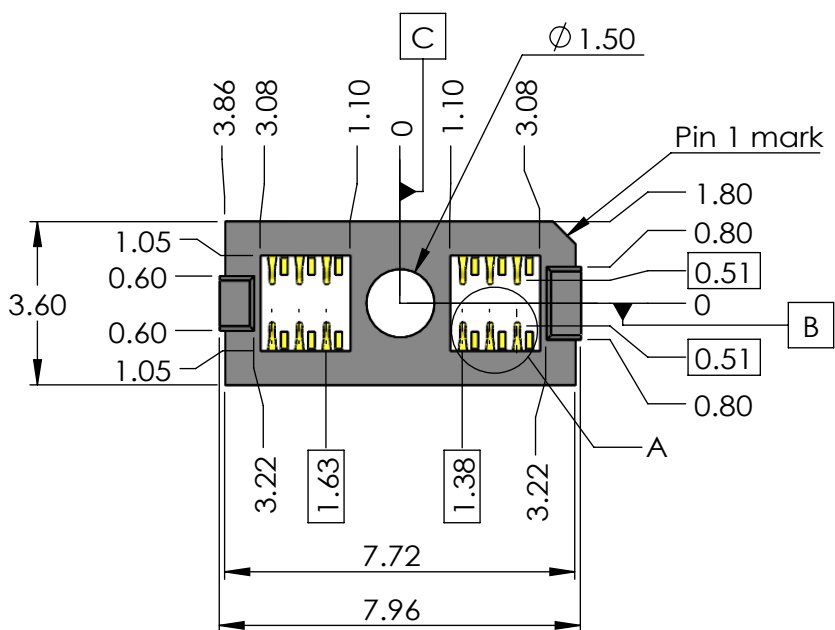
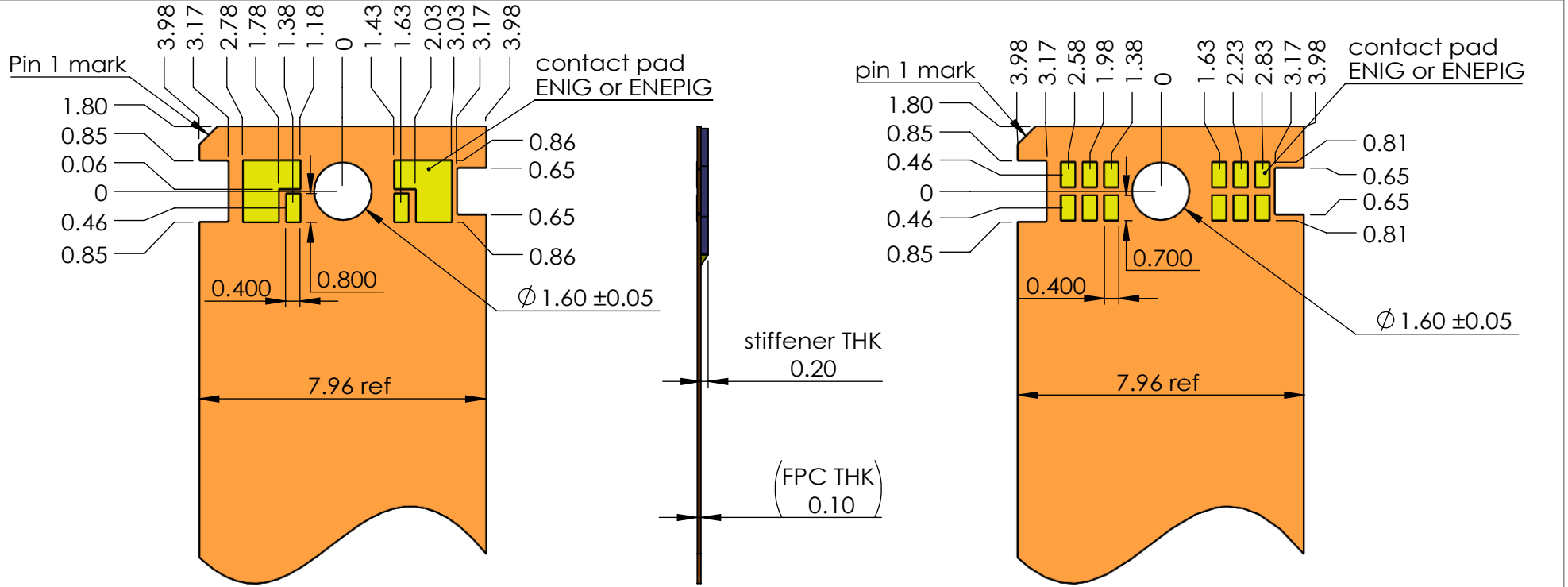


Revisions			
REV	ECN #	Description	Date
4		Increase housing width to 7.96 mm	02/15-2016
5		Update package spec	02/24-2016
6		Update flange position, update FPC & PCB footprint size and position, add pinA1 mark on the PCB.	05/23-2016



- Notes:
- Material:
 Contacts: High performance copper alloy.
 Housing: LCP resin, Glass fiber filled, UL94V-0 rated, black color.
 Plating: 5 u" min gold plated on contact tip, gold flash on soldertail area, 70 ± 30 u" nickel underplated.
 - This product compliants with European Union directives of RoHS requirements.
 - The product can withstand exposure peak temperature 260C for 10 sec in SMT soldering process.
 - Recommended stencil thickness no thinner than 0.1mm.
 - Component load per 13" reel : 1200 pcs, 4 reel/carton (48cm*38cm*12cm)

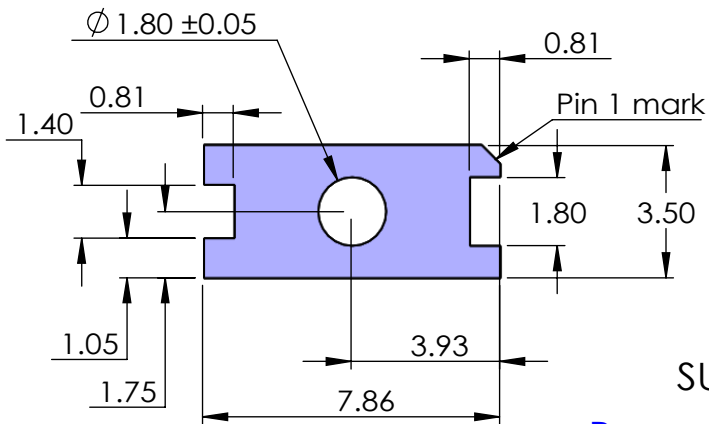
DIMENSIONS ARE IN mm TOLERANCES (unless otherwise specified):		NAME	DATE	聯能科技 Unimicron Group Title: 12 pos X-Beam interposer (0.6 mm pitch, M1.2 screw)		
ANGULAR: ± 2 degree LINEAR: .X ±0.15 .XX ±0.08 .XXX ±0.04		DRAWN	Jason Wu			08/20-2015
MATERIAL See note 1		CHECKED	Gary Hsieh			08/20-2015
FINISH gold		Appr	Gary Hsieh			
COMMENTS: DO NOT SCALE DRAWING		Release level		Preliminary		
projection		SIZE A		DWG. NO. XBGCAA001		
		SCALE:5:1		WEIGHT:		
				SHEET 1 OF 6		



0.5 ounce copper x 2 layer
for 5 A power application

for signal application

Recommend FPC footprint



SUS301 H or SUS304

Recommend FPC stiffener

Note:

1. The stiffener is to align with connector housing when final assembly.
2. The alignment tolerance for FPC & stiffener is $\pm 0.075\text{mm}$.
(based on center of screw holes)

DIMENSIONS ARE IN mm
TOLERANCES (unless otherwise specified):

ANGULAR: ± 2 degree
LINEAR: .X ± 0.15
.XX ± 0.08
.XXX ± 0.04

聯能科技 Unimicron Group

Title:
12 pos X-Beam interposer
(0.6 mm pitch, M1.2 screw)

SIZE **A**

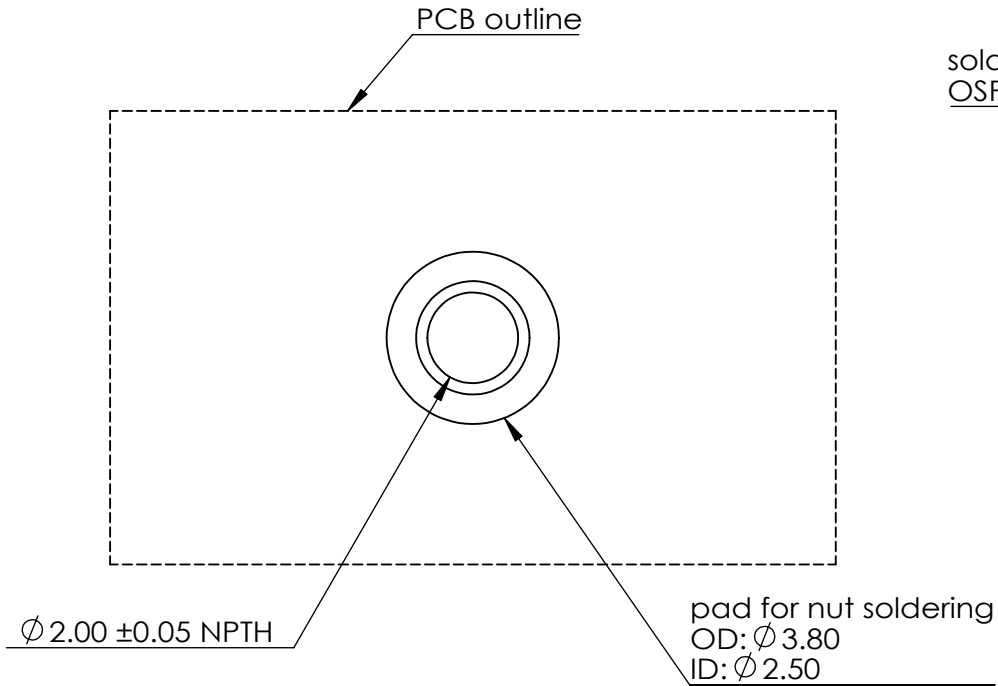
DWG. NO. XBGCAA001

REV.
6

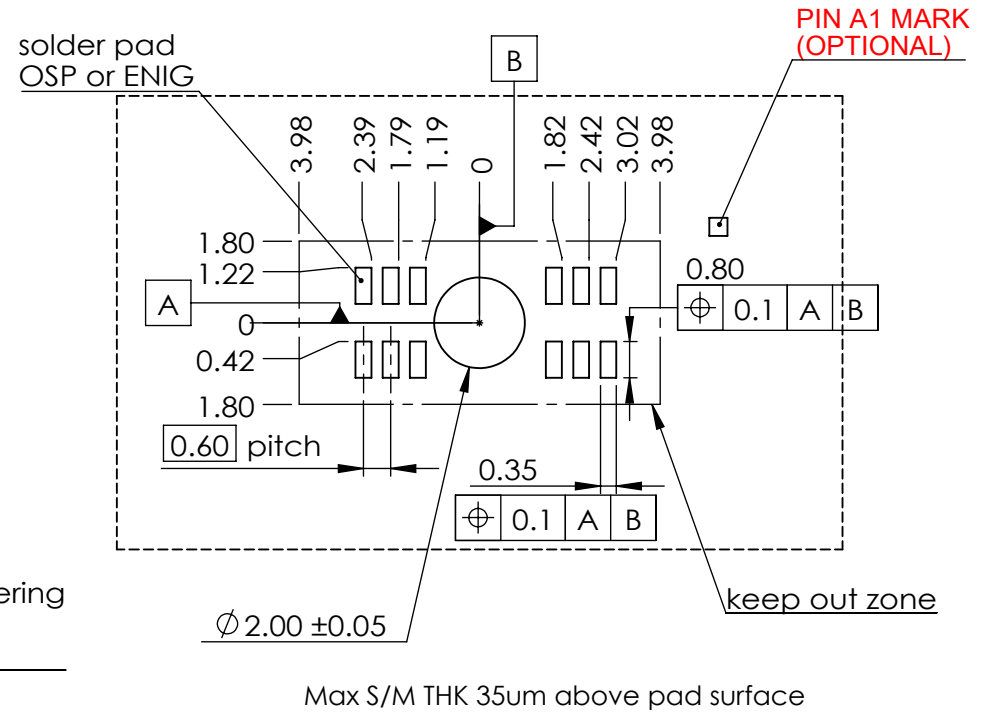
SCALE:5:1

WEIGHT:

SHEET 2 OF 6



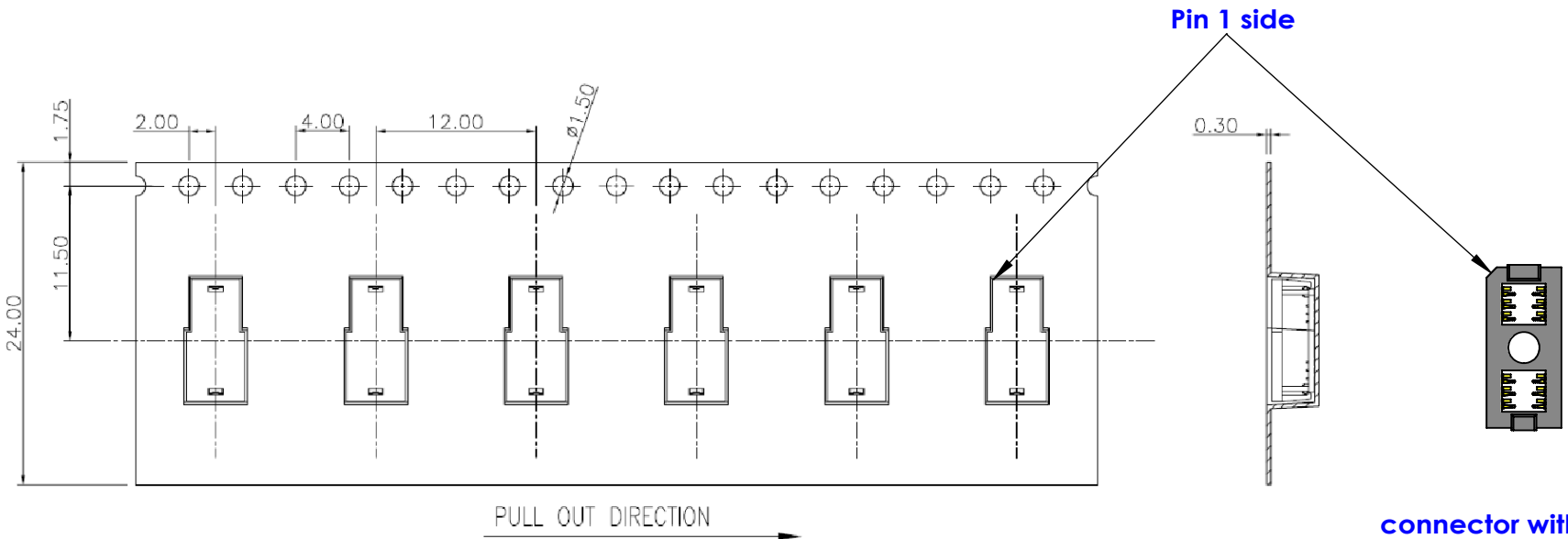
Back side



Front side

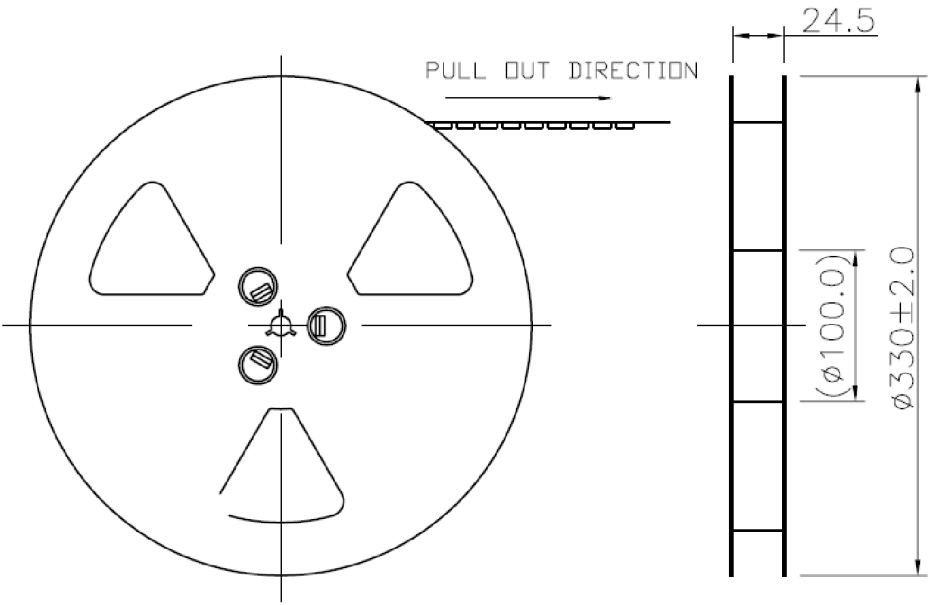
Recommend PCB footprint

DIMENSIONS ARE IN mm TOLERANCES (unless otherwise specified): ANGULAR: ± 2 degree LINEAR: .X ± 0.15 .XX ± 0.08 .XXX ± 0.04		聯能科技 Unimicron Group Title: 12 pos X-Beam interposer (0.6 mm pitch, M1.2 screw)	
SIZE	A	DWG. NO.	XBGCAA001
SCALE:	5:1	WEIGHT:	
			REV. 6
			SHEET 3 OF 6



Pin 1 side

connector without cap

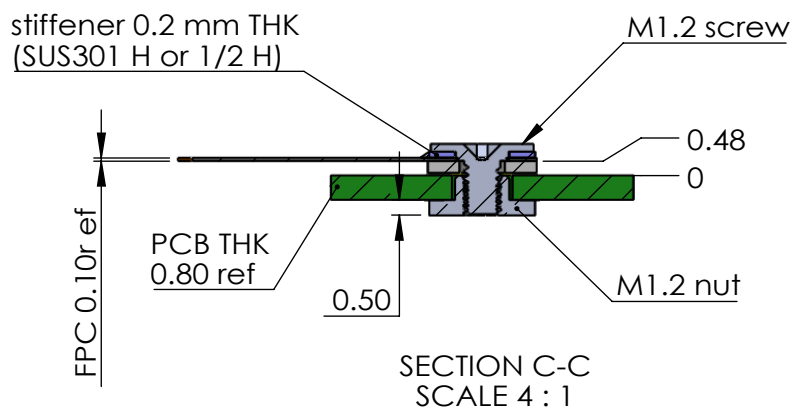
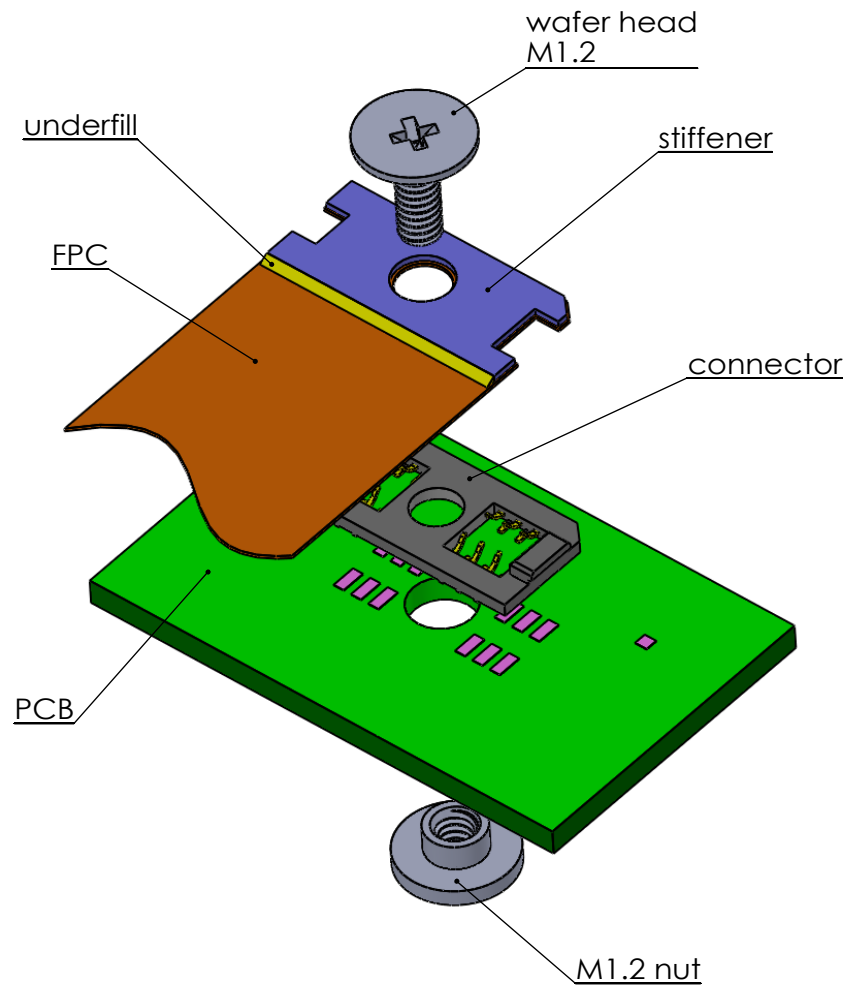
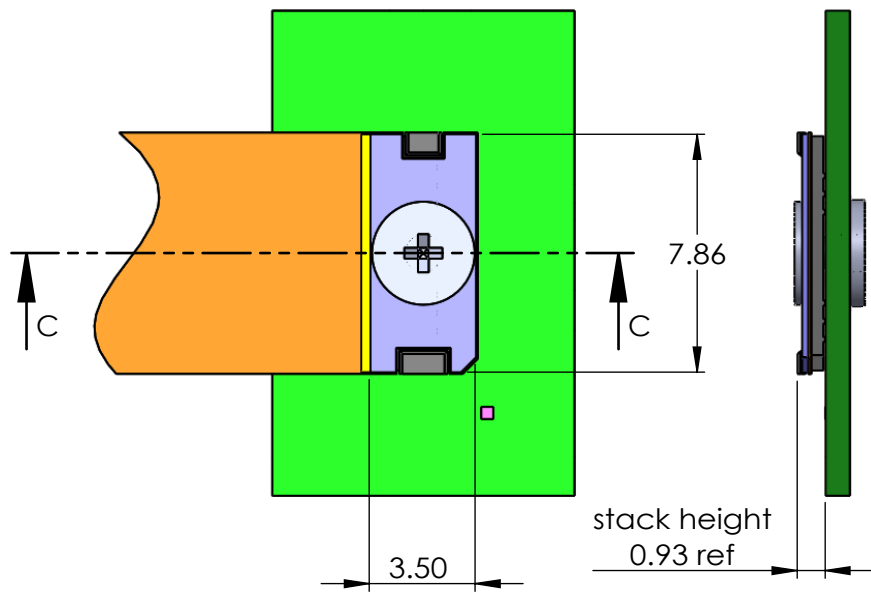


DIMENSIONS ARE IN mm
 TOLERANCES (unless otherwise specified):
 ANGULAR: ± 2 degree
 LINEAR: .X ± 0.15
 .XX ± 0.08
 .XXX ± 0.04

聯能科技 Unimicron Group

Title:
 12 pos X-Beam interposer
 (0.6 mm pitch, M1.2 screw)

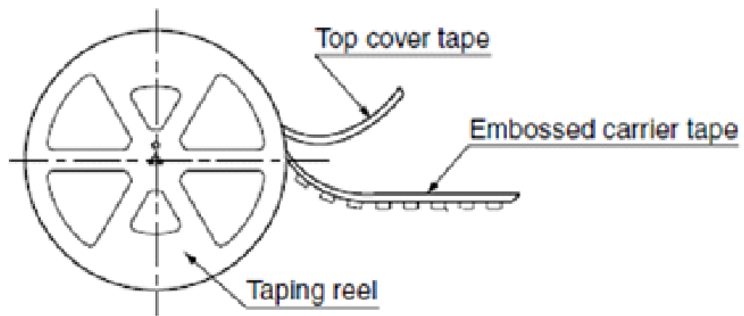
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SCALE:5:1		WEIGHT:	SHEET 4 OF 6



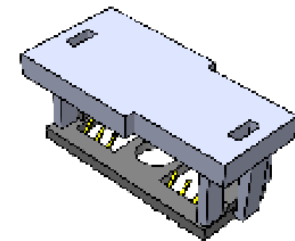
聯能科技 Unimicron Group

Title:
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(0.6 mm pitch, M1.2 screw)

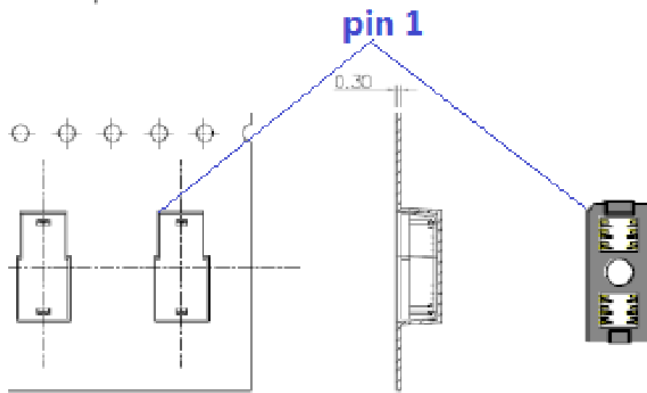
SIZE	A	DWG. NO.	XBGCAA001	REV.	6
SCALE:5:1		WEIGHT:		SHEET 5 OF 6	



SMT

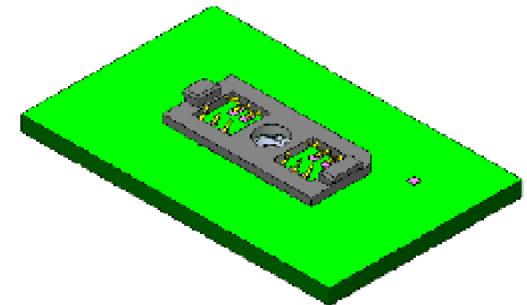


Connector with cap



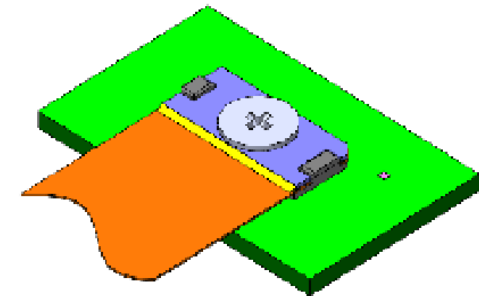
connector without cap

Remove cap
before FPC
assy



- Tape & reel or tray package for auto-SMT process on board.

Place FPC &
screw lock



package and assembly process

聯能科技 Unimicron Group

Title:
12 pos X-Beam interposer
(0.6 mm pitch, M1.2 screw)

SIZE **A**

DWG. NO. XBGCAA001

REV.
6

SCALE:5:1

WEIGHT:

SHEET 6 OF 6