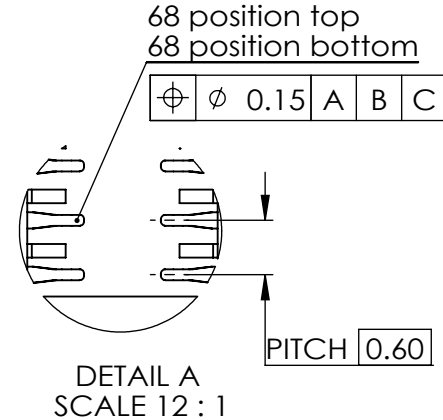
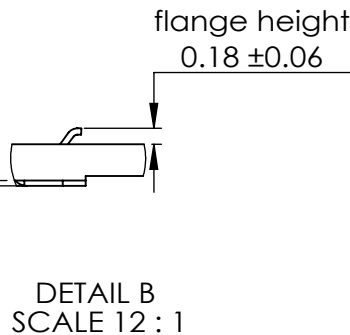
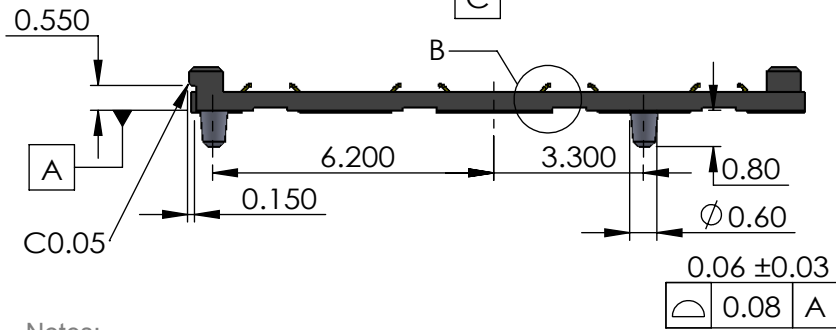
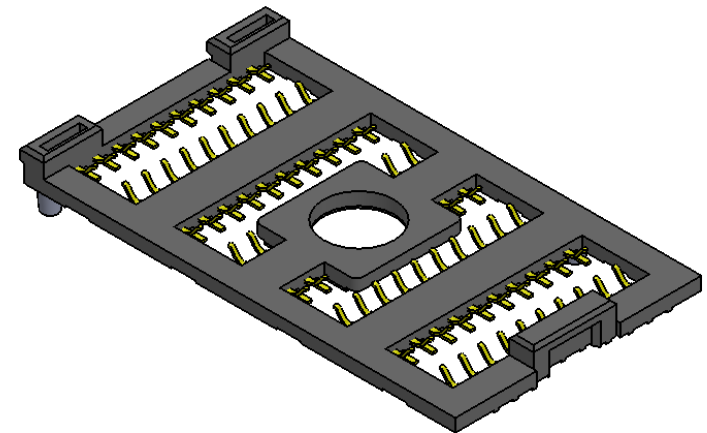
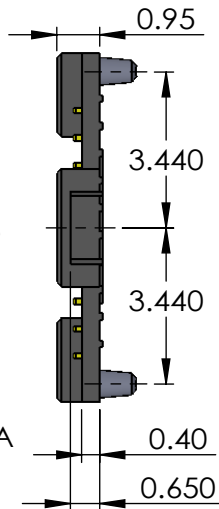
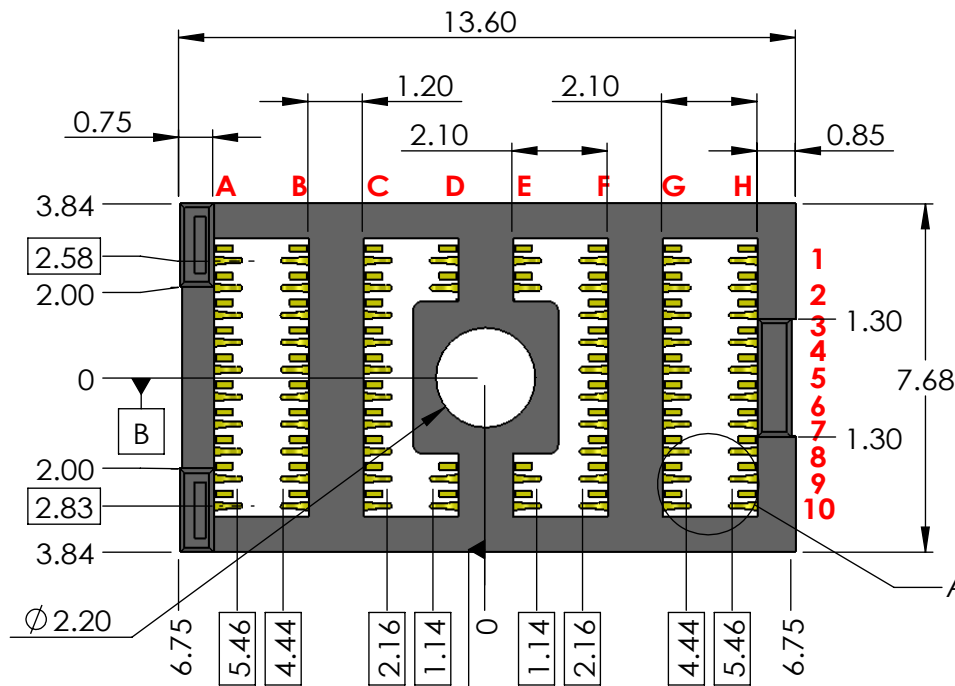


| | | Revisions | |
|-----|------|-------------|------------|
| REV | ECN# | Description | Date |
| A | | Released | 08/29/2017 |

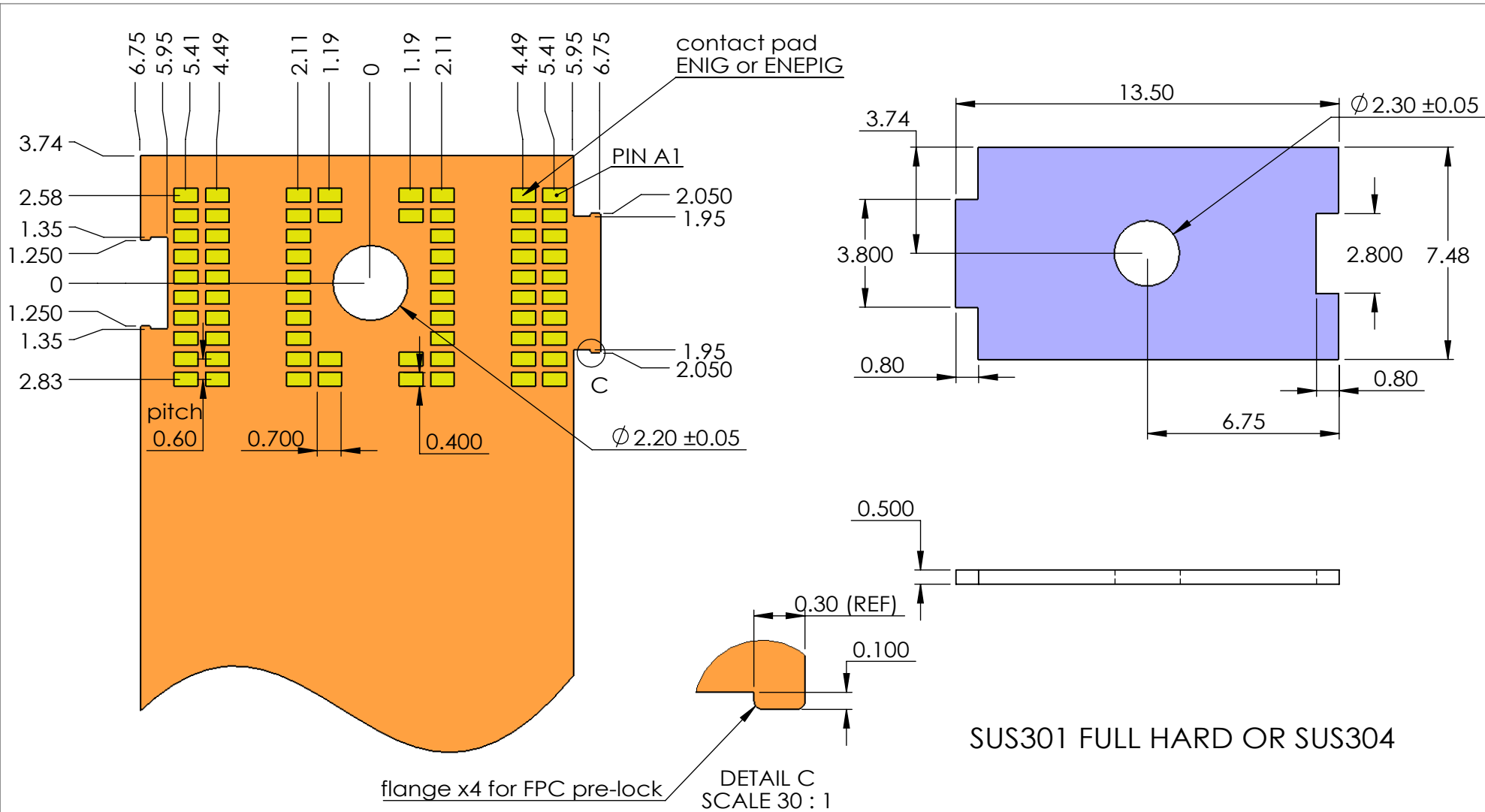


Notes:

- 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, solder past opening no less than pad size.

Neoconix P/N: XBM-D068C

| | | | | | |
|---|--|---------------|----------------------|----------------------|--|
| DIMENSIONS ARE IN mm TOLERANCES (unless otherwise specified): | | NAME | DATE | 聯能科技 Unimicron Group | |
| ANGULAR: ± 2 degree LINEAR: .X ± 0.15 .XX ± 0.08 .XXX ± 0.04 | | DRAWN | Yuandong | | |
| MATERIAL See note 1 | | CHECKED | Jason Wu | 08/29/2017 | Title: 68 pos X-Beam interposer (0.6 mm pitch, M2.0 screw) |
| FINISH gold | | Appr | Gary Hsieh | 08/29/2017 | |
| | | Release level | Preliminary | | projection |
| | | COMMENTS: | DO NOT SCALE DRAWING | | SIZE A |
| | | | | | DWG. NO. XBGUAC021 |
| | | | | | SCALE:5:1 |
| | | | | | WEIGHT: |
| | | | | | SHEET 1 OF 5 |



Recommend FPC footprint

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 left notch (1.250+1.250)&right protrusion (2.050+2.050) feature.
3. Solder mask opening min: 0.50 x 0.80 mm min.

Recommend FPC stiffener

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:

68 pos X-Beam interposer
(0.6 mm pitch, M2.0 screw)

SIZE **A**

DWG. NO.

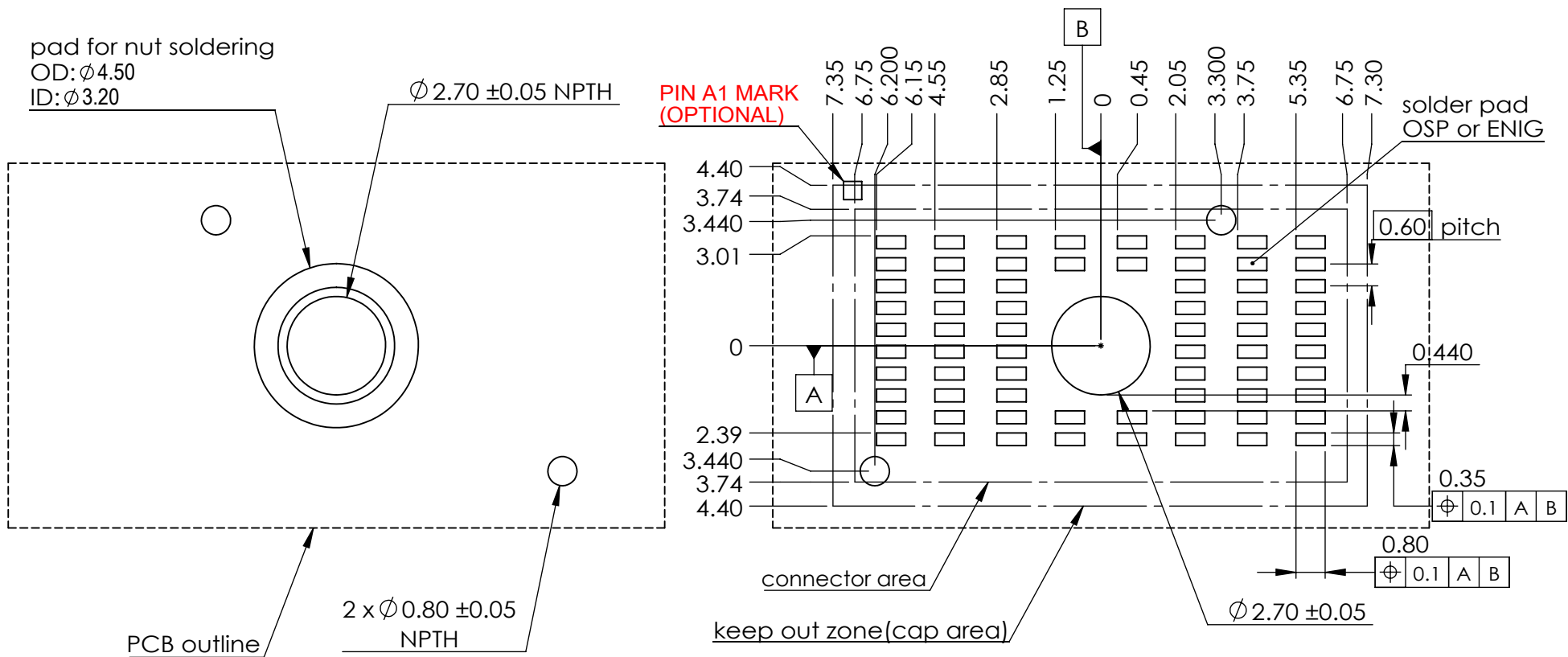
XBGUAC021

REV. **A**

SCALE:5:1

WEIGHT:

SHEET 2 OF 5



Max S/M THK 35um above pad surface

Back side

Front side

Recommend PCB footprint

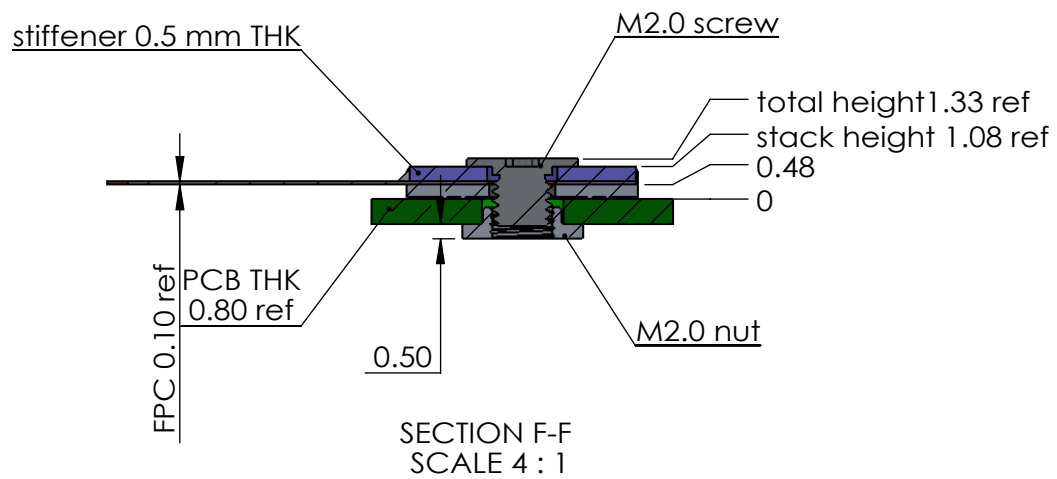
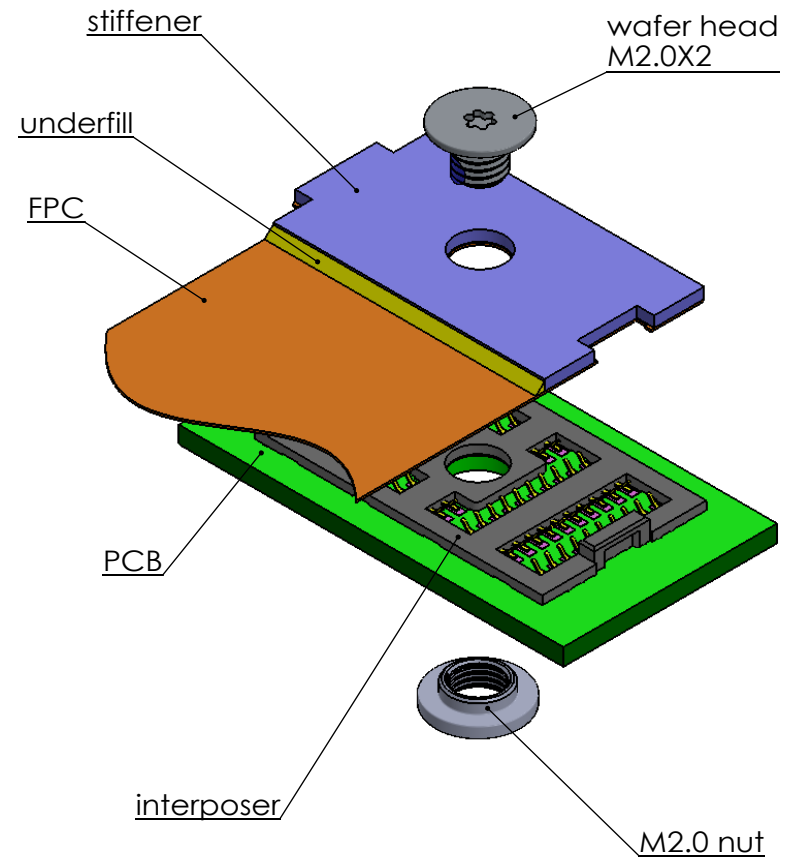
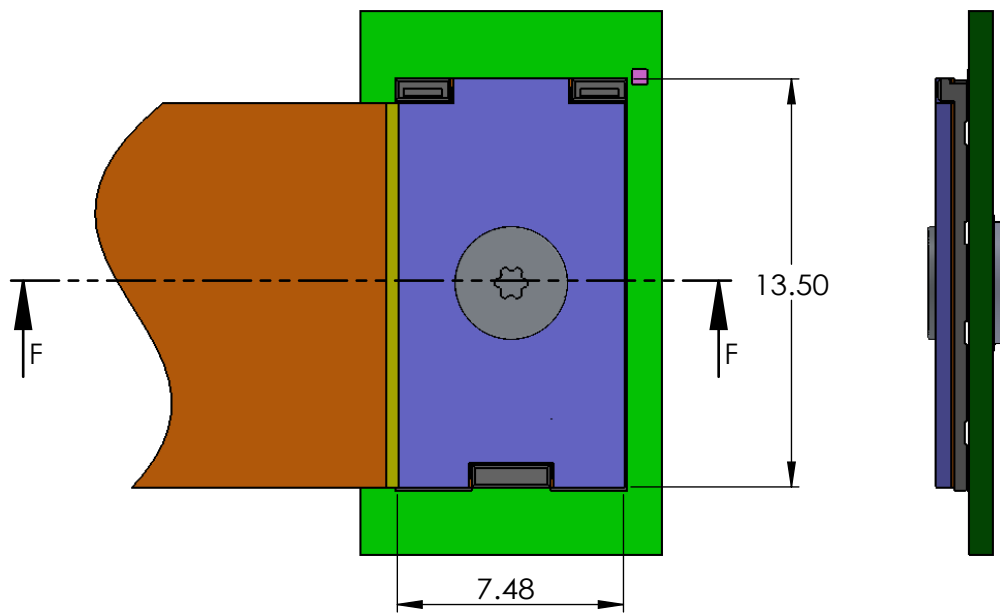
DIMENSIONS ARE IN mm
TOLERANCES (unless otherwise specified):

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

聯能科技 Unimicron Group

Title:
68 pos X-Beam interposer
(0.6 mm pitch, M2.0 screw)

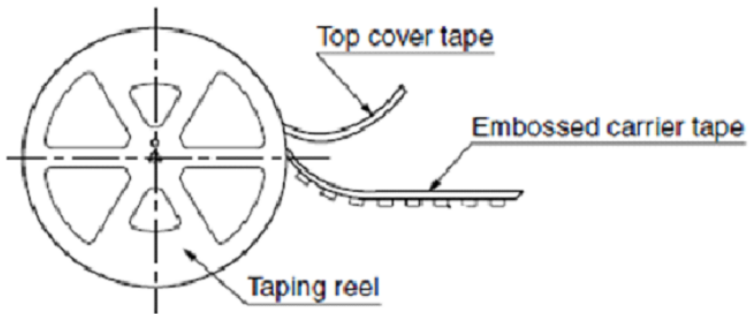
| | | |
|---------------|---------------------------|---------------|
| SIZE A | DWG. NO. XBGUAC021 | REV. A |
|---------------|---------------------------|---------------|



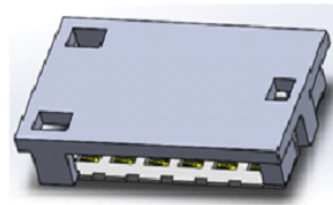
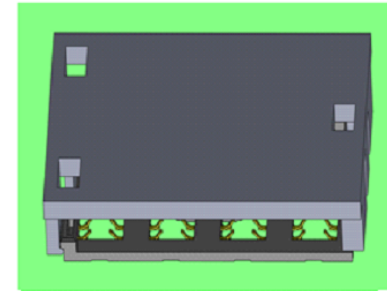
聯能科技 Unimicron Group

Title:
68 pos X-Beam interposer
(0.6 mm pitch, M2.0 screw)

| | | | | | |
|-----------|---|----------|-----------|--------------|---|
| SIZE | A | DWG. NO. | XBGUAC021 | REV. | A |
| SCALE:5:1 | | WEIGHT: | | SHEET 4 OF 5 | |

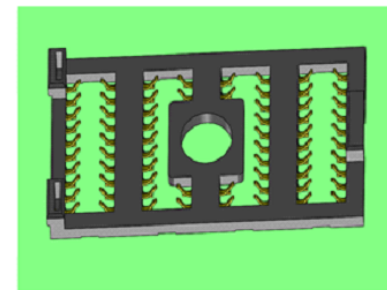


SMT



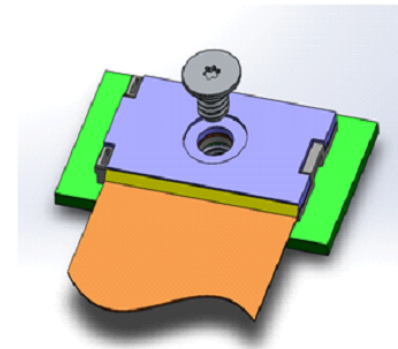
Connector with cap

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:

68 pos X-Beam interposer
(0.6 mm pitch, M2.0 screw)

SIZE **A**

DWG. NO.

XBGUAC021

REV. **A**

SCALE:5:1

WEIGHT:

SHEET 5 OF 5