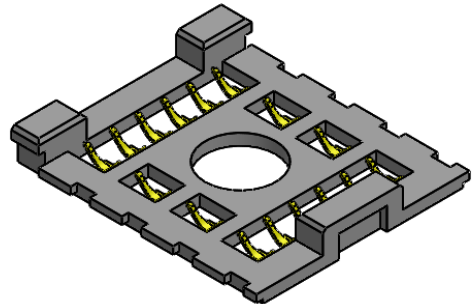
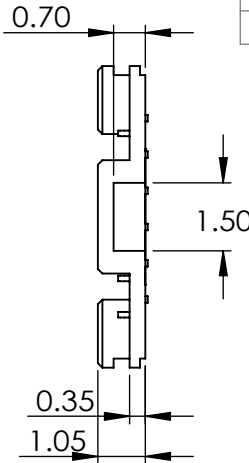
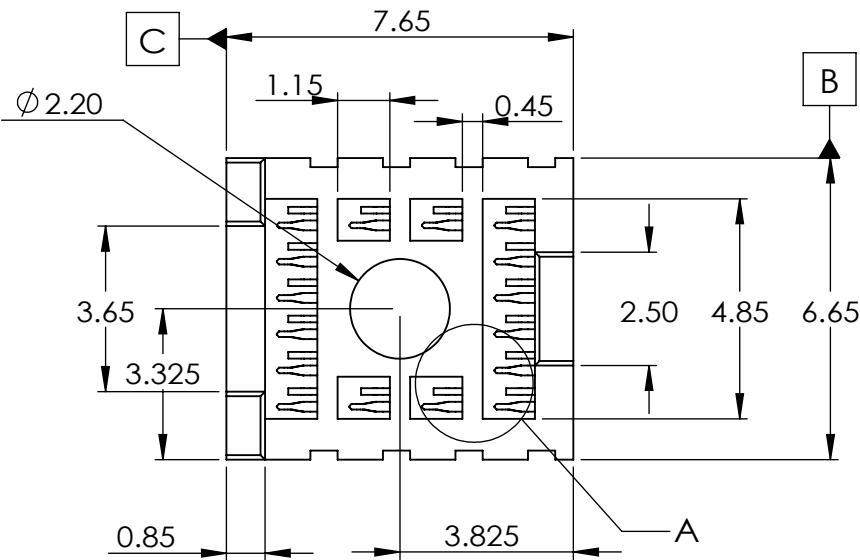
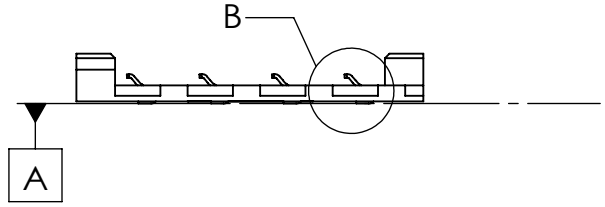


Reversions			
REV	ECN #	Description	Date
1			05/09-2014
2		Modify flange height from 0.2 to 0.18. Modify IMLA THK from 0.4 to 0.35.	06/26-2014
3		Modify screw hole & PCB layout	07/02-2014

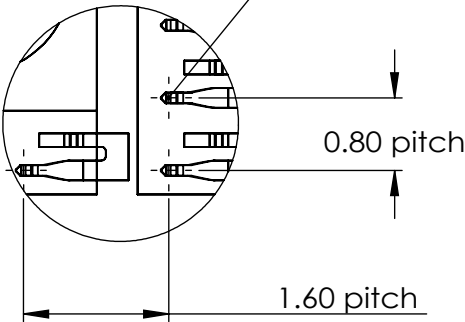


16 positions top
16 positions bottom

\varnothing	\varnothing 0.15	A	B	C
---------------	--------------------	---	---	---



flange height
0.18 ± 0.04



$\frac{1}{4}$	0.05	0.08	A
---------------	------	------	---

DETAIL B
SCALE 12 : 1

DETAIL A
SCALE 12 : 1

Notes:

- Material:
Contacts: High performance copper alloy
Housing: LCP resin, Glass fiber filled, UL94V-0 rated
Plating: Gold plated on contact tip, Tin or gold on soldertail area
- 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 0.12mm.

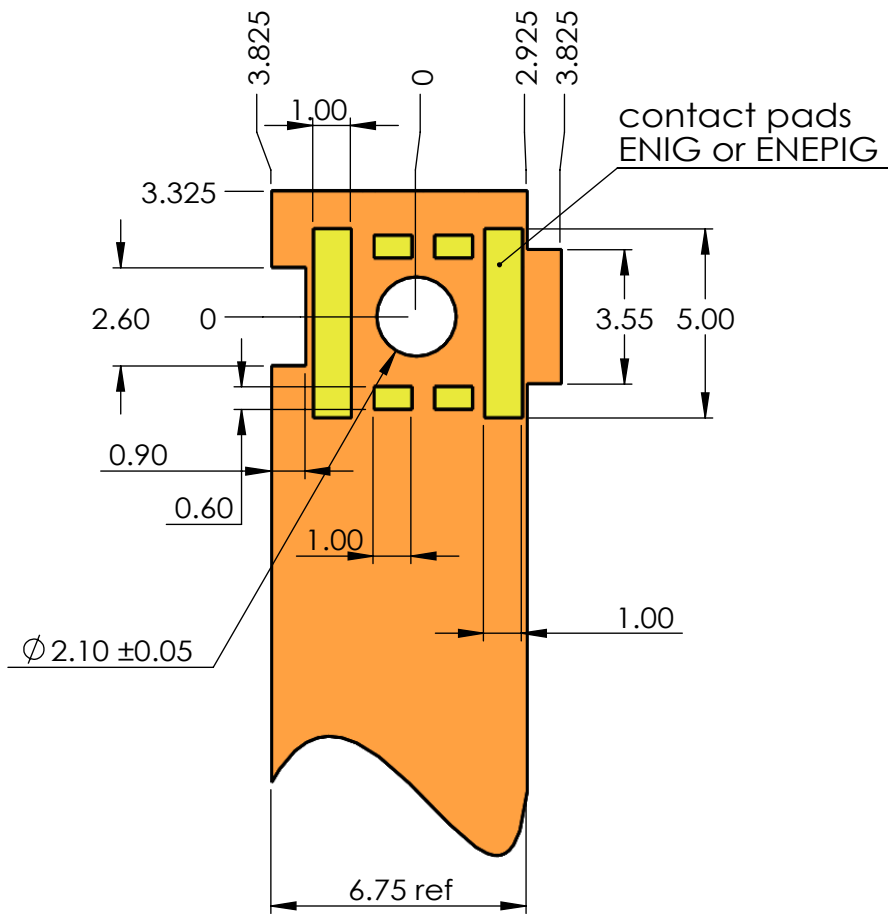
DIMENSIONS ARE IN mm TOLERANCES (unless otherwise specified):	
ANGULAR: ± 2 degree	
LINEAR: .X ±0.15	
.XX ±0.10	
.XXX ±0.05	
MATERIAL	See note 1
FINISH	

	NAME	DATE
DRAWN	Edward Cheng	5/09/2014
CHECKED	Gary Hsieh	5/09/2014
Appr	Gary Hsieh	date
Release level	Preliminary	
COMMENTS:	DO NOT SCALE DRAWING	

聯能科技 Unimicron Group

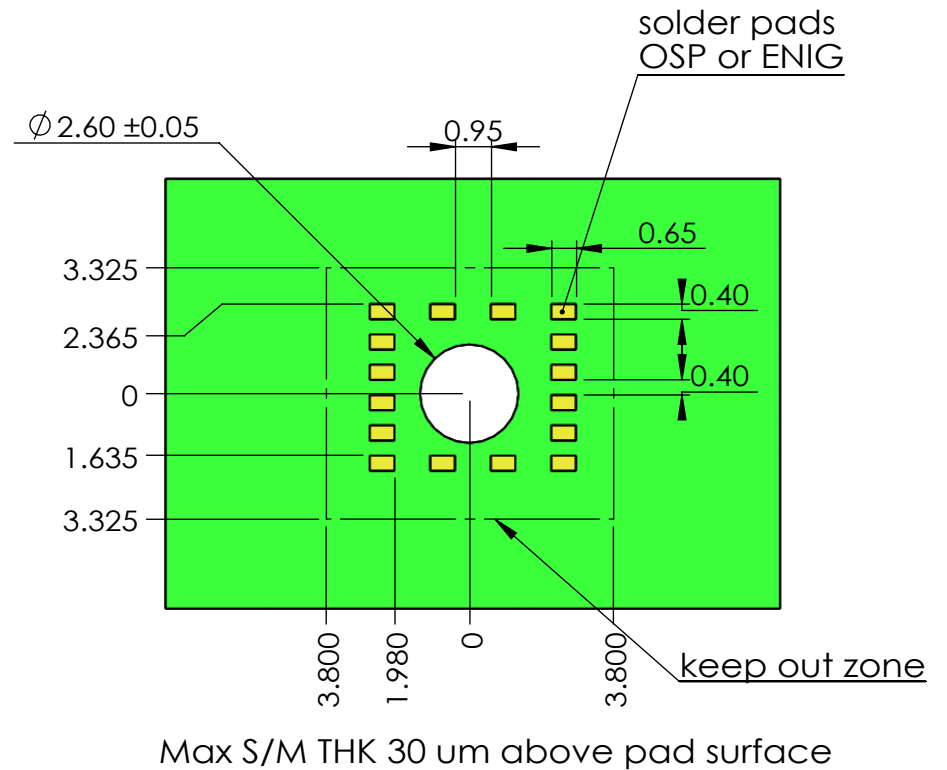
Title:
16 pos power connector
(0.8X1.6mm pitch)

projection	SIZE A	DWG. NO. 02GCB5002A	REV. 3
SCALE:5:1	WEIGHT:	SHEET 1 OF 4	



0.5 ounce copper x 2 layer
for power application

Recommend FPC footprint

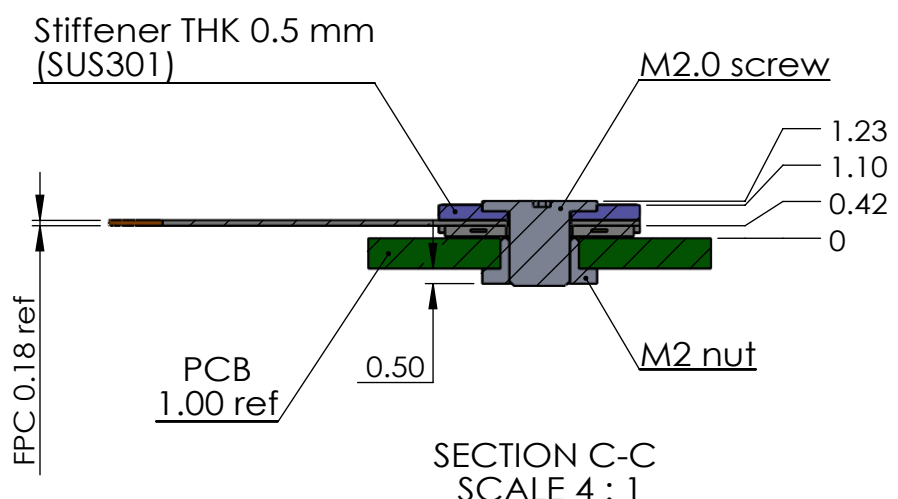
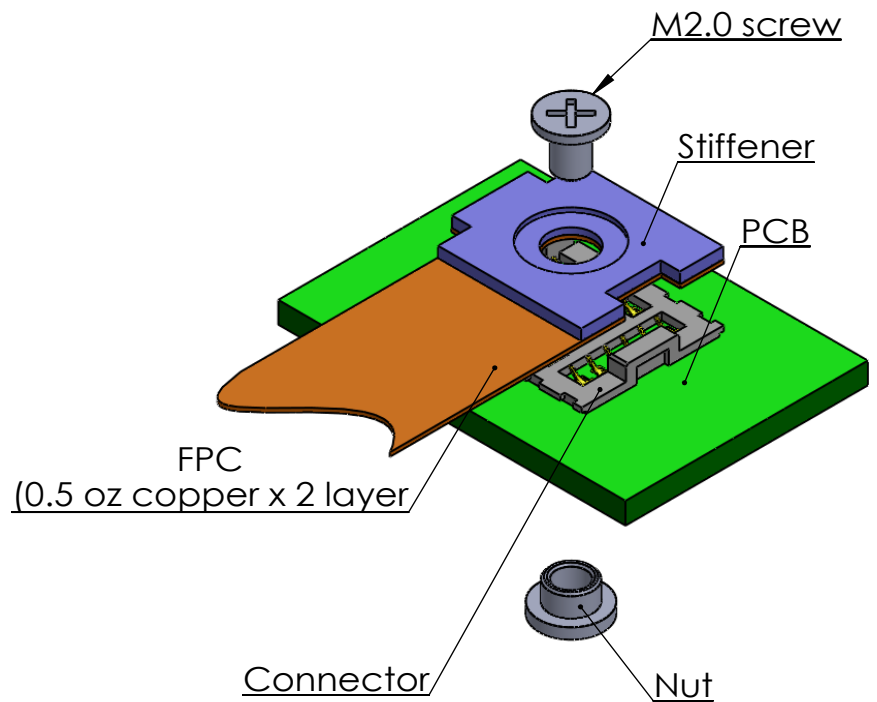
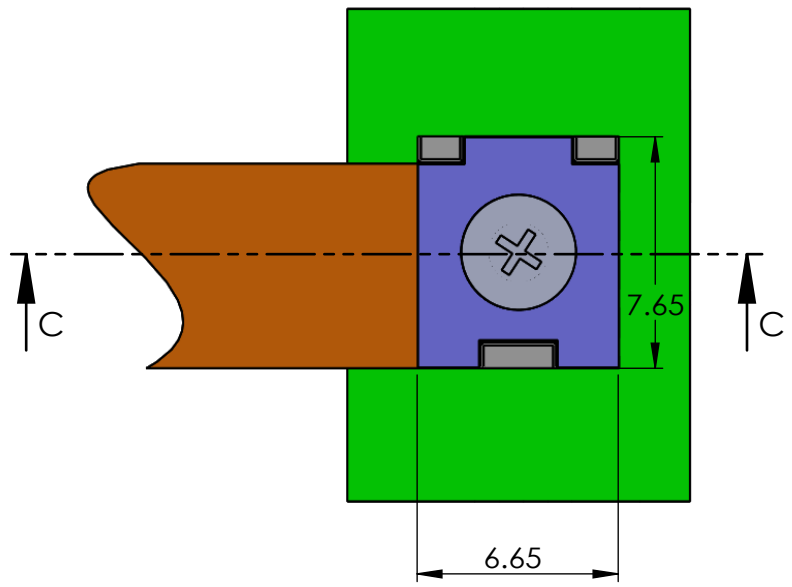


Recommend PCB footprint

聯能科技 Unimicron Group

Title:
16 pos power connector
(0.8X1.6mm pitch)

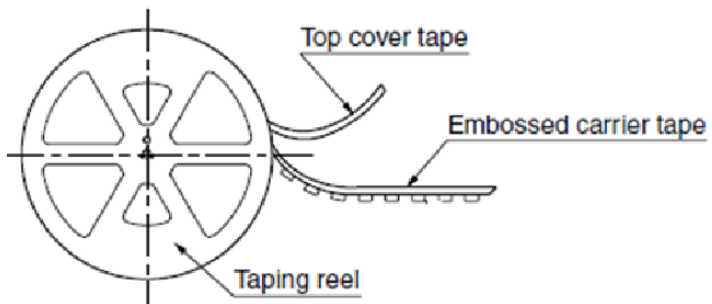
SIZE	A	DWG. NO. 02GCB5002A	REV. 3
SCALE: S:1		WEIGHT:	SHEET 2 OF 4



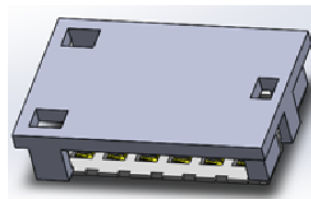
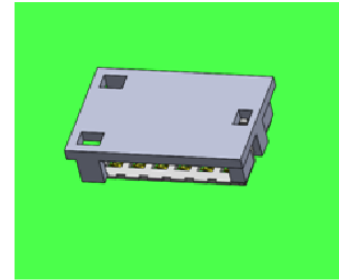
聯能科技 Unimicron Group

Title:
16 pos power connector
(0.8X1.6mm pitch)

SIZE	A	DWG. NO. 02GCB5002A	REV. 3
SCALE: 4:1		WEIGHT:	SHEET 3 OF 4

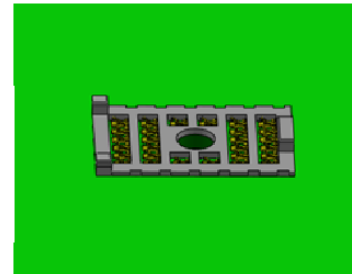


SMT



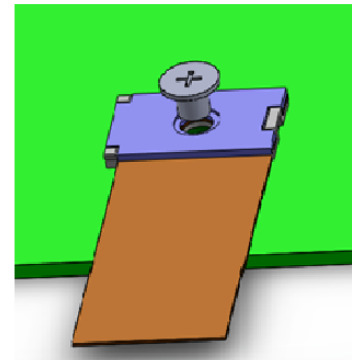
Connector with cap

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:
16 pos power connector
(0.8X1.6mm pitch)

SIZE	A	DWG. NO. 02GCB5002A	REV. 3
SCALE:5:1		WEIGHT:	SHEET 4 OF 4