

Recommended P.C.B Layout (Top Side)  
(PCB BOARD TOLERANCE ± 0.05)

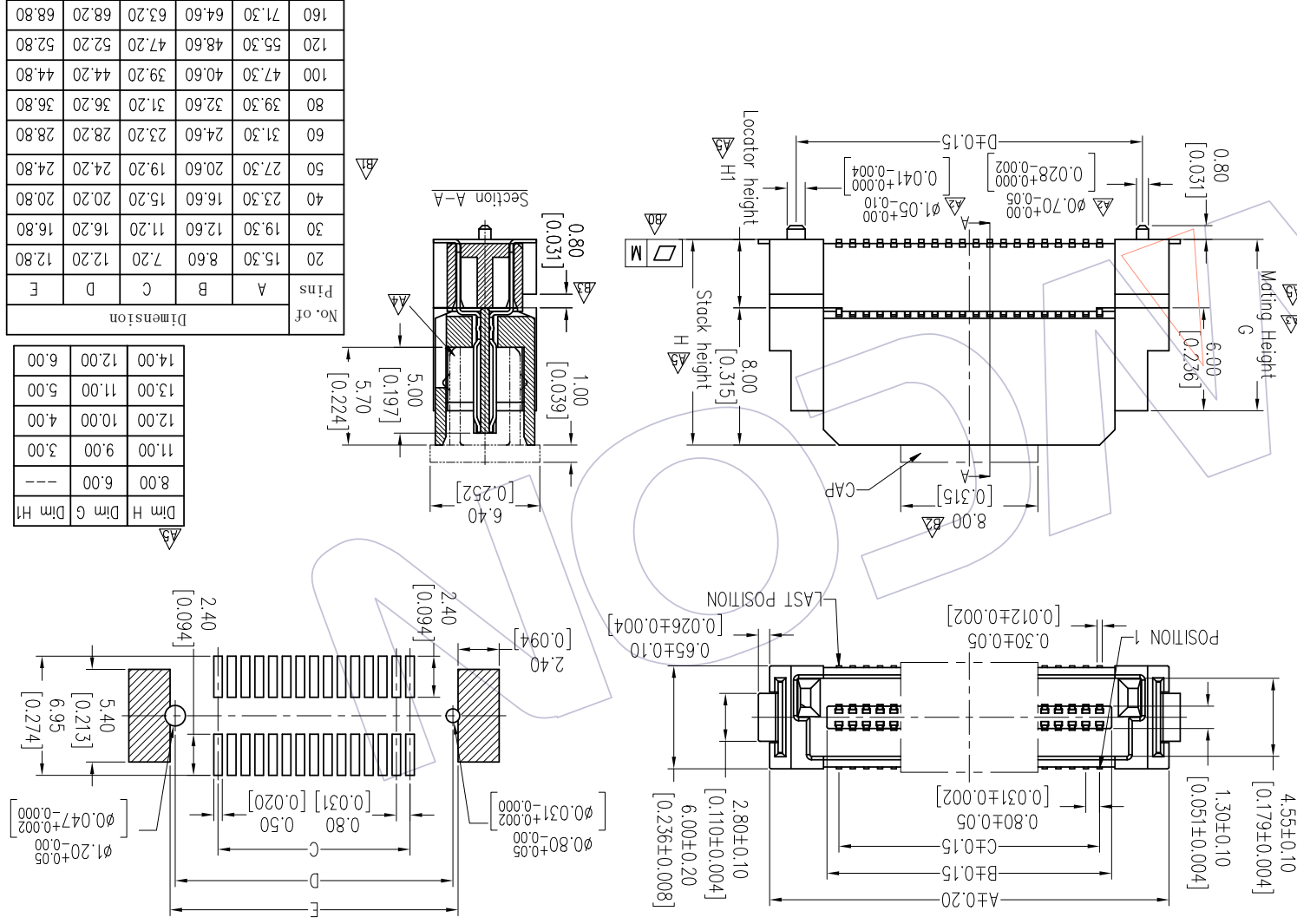
- NOTE:
- 1.1 INSULATOR: LCP+30%GF, UL94V-0; BLACK.
  - 1.2 CAP: LCP+30%GF, UL94V-0; BLACK.
  - 1.3 CONTACT: PHOSPHOR BRONZE.
  - 1.4 MOUNTING EAR: PHOSPHOR BRONZE.
  - 2.FINISH:
  - 2.1 CONTACT: 3u" OR 5u" MIN. GOLD PLATED IN CONTACT AREA
  - 2.2 MOUNTING EAR: 100u" MIN. TIN PLATED OVER
  - 2.3 CONTACT: 80u" MIN. TIN PLATED IN SOLDER AREA
  - 2.4 MOUNTING EAR: 50u" MIN. NICKEL UNDERPLATED OVERALL.
  - 3.ELECTRICAL CHARACTERISTICS
  - 3.1 CURRENT RATING: 0.5A.
  - 3.2 CONTACT RESISTANCE: 65mΩ MAX.
  - 3.3 INSULATION RESISTANCE: 1000MΩ MIN DC500V.
  - 3.4 DIELECTRIC WITHSTANDING VOLTAGE: 250V AC PER MINUTE.
  - 3.5 OPERATING TEMPERATURE: -40C ~ +105C.
  - 3.6 OPERATING: 100 CYCLES MIN.
  - 3.7 INSERTION FORCE: 90g MAX. Per PIN Pair.
  - 3.8 WITHDRAWAL FORCE: 10g MIN. Per PIN Pair.
  - 3.9 CONTACT RETENTION FORCE: 250g MIN. PER CONTACT
  - 3.10 STORAGE TEMPERATURE: -10C ~ +40C.

Flatness: <80Pins The "M" is 0.10mm MAX  
>80Pins The "M" is 0.15mm MAX

## Ordering Information

3614-P XXX - XXX XX R 01

No. of Pins High "H"  
 ΔS1=3u"Gold/Tm Contact Plating  
 ΔS3=10u"Gold/Tm R=TapexReel+CAP  
 ΔS4=15u"Gold/Tm Packing  
 ΔS5=30u"Gold/Tm



Dimension	A	B	C	D	E
No. of Pins	14.00	12.00	6.00	---	---
Dim H	11.00	9.00	3.00	8.00	6.00
Dim G	12.00	10.00	4.00	13.00	5.00
Dim H1	14.00	12.00	6.00	13.00	5.00

Dimension	A	B	C	D	E
No. of Pins	15.30	8.60	7.20	12.20	12.80
Dim H	19.30	12.60	11.20	16.20	16.80
Dim G	23.30	16.60	15.20	20.20	20.80
Dim H1	27.30	20.60	19.20	24.20	24.80

REV	DATE	MODIFICATION DESCRIPTION	CHANGE	APPROVE		DATE	SCALE	FIT	PART NO.
				Angle	TOL				
B3	2018/05/24	Modify	△	X.X	±0.40	2018/05/24	Dwg	3614-PXXX-XXXXXR01	WCON-Donggun
B2	2016/11/18	Modify CAP Length	△	X.XX	±0.25				WCON-Kunshan
B1	2016/08/08	ADD 50Pin	△	X.XXX	±0.15				WCON-Donggun
A0	2010/03/09	NEW	---	Angle	± 3°				WCON-Donggun

DATE	APPROVE	DATE	SCALE	FIT	PART NO.
2018/05/24	Dwg	2018/05/24	Dwg	3614-PXXX-XXXXXR01	WCON-Donggun

Customer NO.	PROJ.	SHEET	SIZE	UNIT	TITLE:
		1/1	A4	inch	0.80mm BTB MALE

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