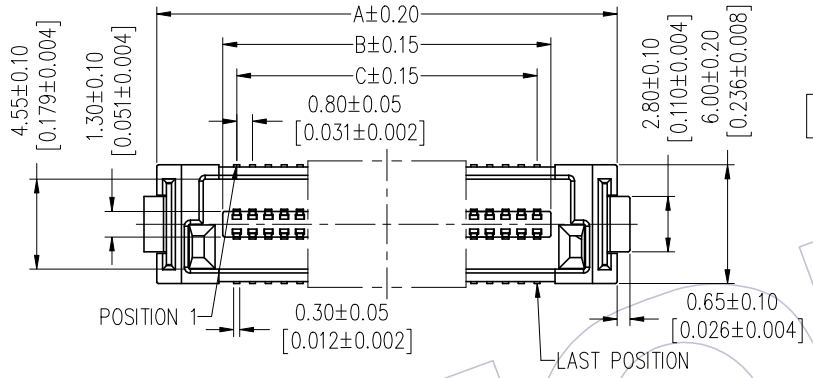
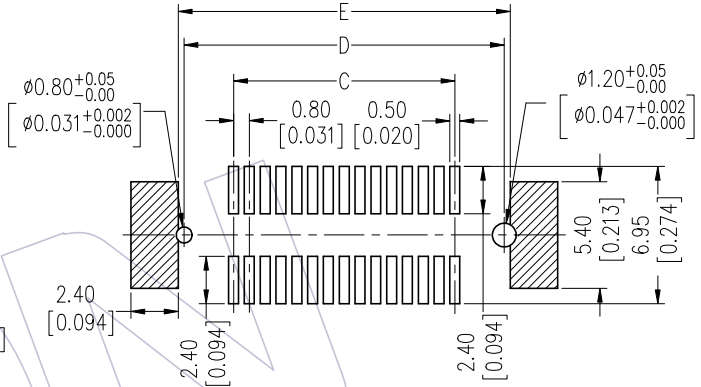
HSF

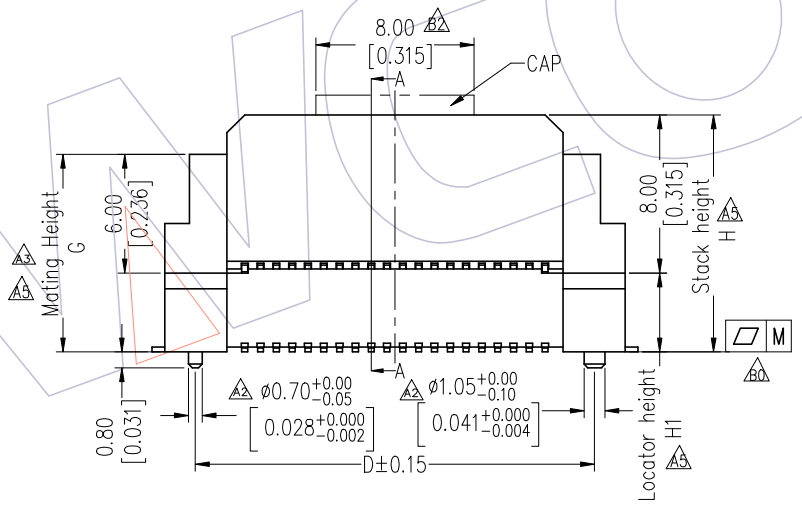
Recommended P.C.B Layout(Top Side)
(PCB BOARD TOLERANCE±0.05)

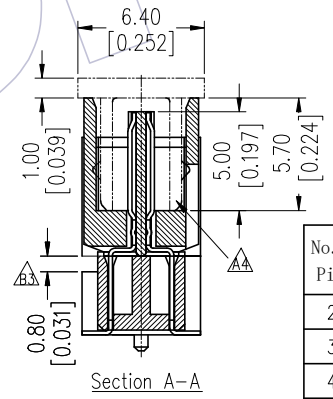
NOTE:
1.MATERIAL:
1.1 INSULATOR: LCP+30%G.F, UL94V-0; BLACK.
1.2 CAP: LCP+30%G.F, UL94V-0; BLACK.
1.3 CONTACT: PHOSPHOR BRONZE.
1.4 MOUNTING EAR: PHOSPHOR BRONZE.
2.FINISH:
2.1 CONTACT: 3u" OR 5u" MIN. GOLD PLATED IN CONTACT AREA
△B0 80u" MIN. TIN PLATED IN SOLDER AREA
50u" MIN. NICKEL UNDERPLATED OVERALL.
2.2 MOUNTING EAR: 100u" MIN. TIN PLATED OVER
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: -40℃ ~ +105℃.
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: -10℃ ~ +40℃.

Flatness: <80Pins The "M" Is 0.10mm MAX
△B0 ≥80Pins The "M" Is 0.15mm MAX









△A5

Dim H	Dim G	Dim H1
8.00	6.00	---
11.00	9.00	3.00
12.00	10.00	4.00
13.00	11.00	5.00
14.00	12.00	6.00

Ordering Information

3614- P XXX - XXX XX R 01

- No.of Pins
- High "H"
- △B0 Contact Plating: S1=3u"Gold/Tin, S3=10u"Gold/Tin, S4=15u"Gold/Tin, S5=30u"Gold/Tin
- Packing: R=Tape&Reel+CAP

No. of Pins	Dimension				
	A	B	C	D	E
20	15.30	8.60	7.20	12.20	12.80
30	19.30	12.60	11.20	16.20	16.80
40	23.30	16.60	15.20	20.20	20.80
50	27.30	20.60	19.20	24.20	24.80
60	31.30	24.60	23.20	28.20	28.80
80	39.30	32.60	31.20	36.20	36.80
100	47.30	40.60	39.20	44.20	44.80
120	55.30	48.60	47.20	52.20	52.80
160	71.30	64.60	63.20	68.20	68.80

△B1

REV	DATE	MODIFICATION DESCRIPTION	CHANGE
B3	2018/05/24	Modify	△B3
B2	2016/11/18	Modify CAP Length	△B2
B1	2016/08/08	ADD 50Pin	△B1
A0	2010/03/09	NEW	——

OPERATION	
X.X	±0.40
X.XX	±0.25
X.XXX	±0.15
Angle	± 3°
DIM	TOL

DRAW	Ding	DATE	2018/05/24
CHECK		DATE	
APPROVE		DATE	

SCALE	FIT
UNIT	mm / inch
SIZE	A4
SHEET	1/1
PROJ.	

PART NO. 3614-PXXX-XXXXXR01

TITLE: 0.80mm BTB MALE "D" TYPE 180° SMT

Customer NO.

WCON
Http: www.wcon.com

WCON-Dongguan
Tel: +86 769 85358920
Fax: +86 769 85358915
E-mail: sales@wcon.com

WCON-Kunshan
Tel: +86 512 57468408
Fax: +86 512 57468468
E-mail: salesks@wcon.com