

HSF

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

NOTE:

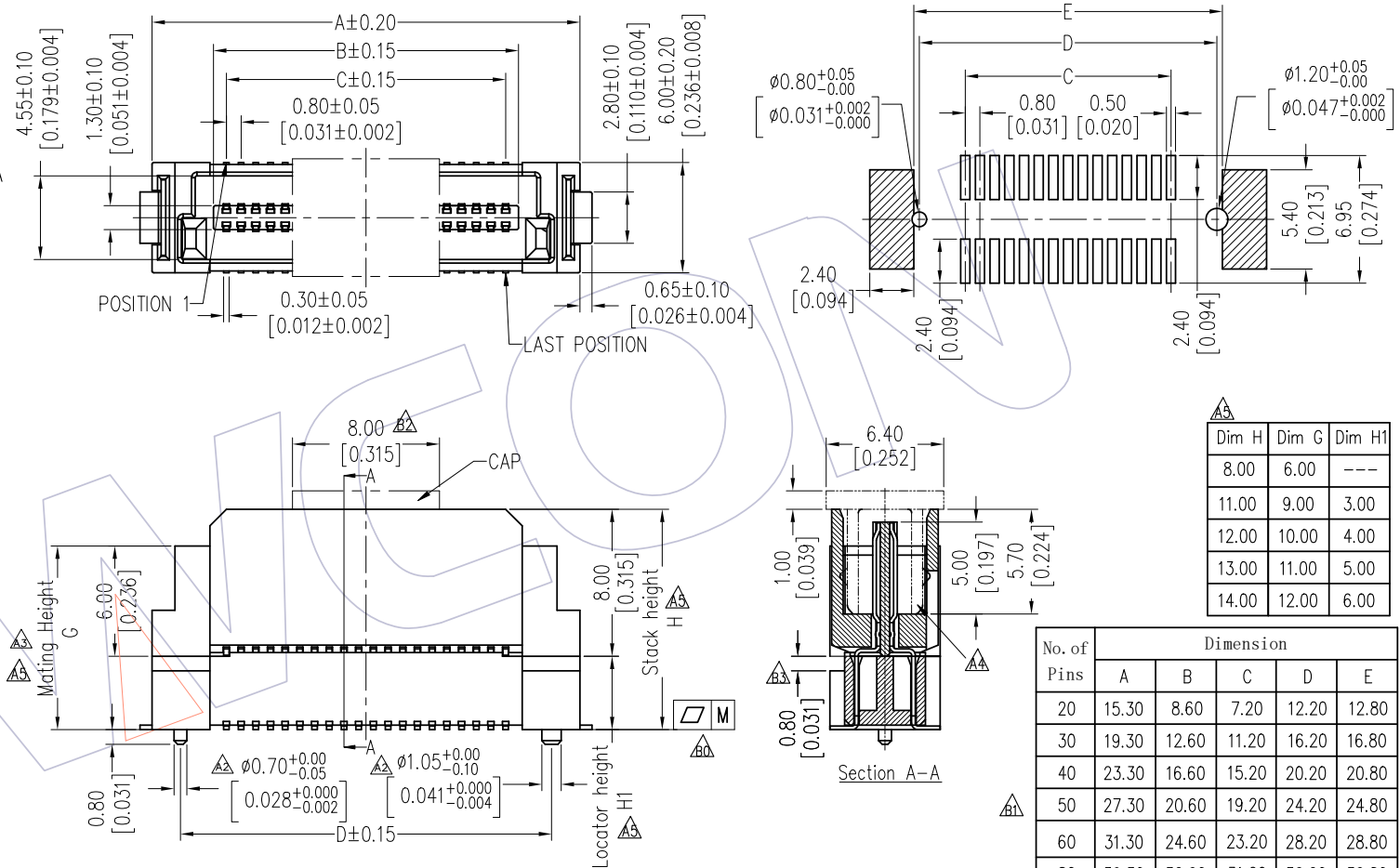
1. MATERIAL:
 - 1.1 INSULATOR: LCP+30%G.F, UL94V-0; BLACK.
 - 1.2 CAP: LCP+30%G.F, UL94V-0; BLACK.
 - 1.3 CONTACT: PHOSPHOR BRONZE.
 - 1.4 MOUNTING EAR: PHOSPHOR BRONZE.
2. FINISH:
 - 2.1 CONTACT: 3u" OR 5u" MIN. GOLD PLATED IN CONTACT AREA
80u" MIN. TIN PLATED IN SOLDER AREA
50u" MIN. NICKEL UNDERPLATED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

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

Ordering Information

3614- P XXX - XXX XX R 01

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



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

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

B3	2018/05/24	Modify	Δ	OPERATION	DRAW	DATE	SCALE	FIT	PART NO. 3614-PXXX-XXXXR01
B2	2016/11/18	Modify CAP Length	Δ	x.x ±0.40	Ding	2018/05/24	UNIT	mm	
B1	2016/08/08	ADD 50Pin	Δ	x.xx ±0.25	CHECK	DATE	SIZE	inch	
A0	2010/03/09	NEW	---	x.xxx ±0.15	APPROVE	DATE	SHEET	1/1	
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle ± 3'			PROJ.	Φ	
									TITLE: 0.80mm BTB MALE "D" TYPE 180° SMT
									Customer NO.

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