

HSF

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

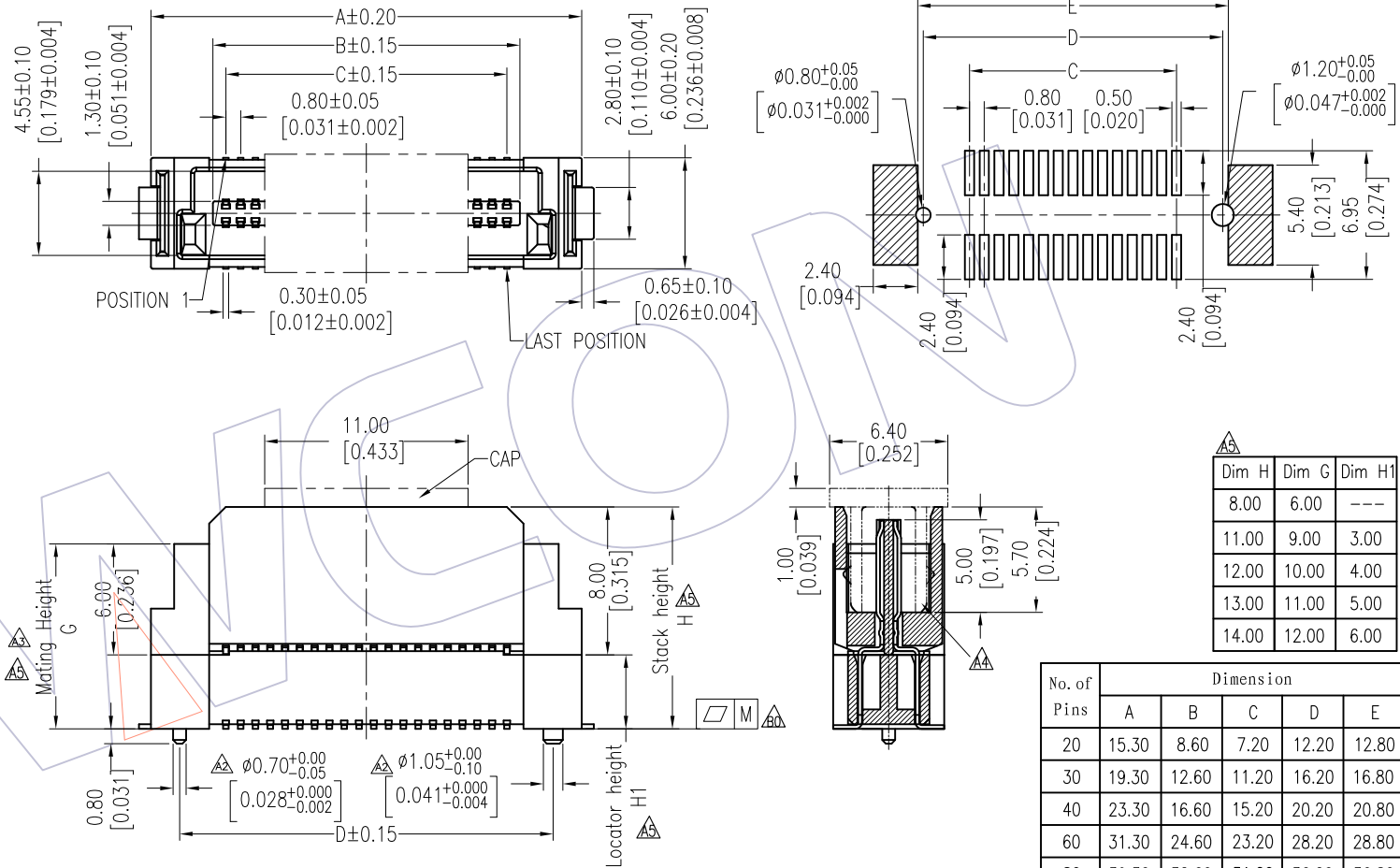
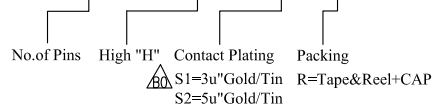
NOTE:

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
 ≥80Pins The "M" Is 0.15mm MAX

Ordering Information

3614-P XXX - XXX XX R 01



Dim H	Dim C	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
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

REV	DATE	MODIFICATION DESCRIPTION	CHANGE	OPERATION	DRAW	DATE	SCALE	FIT	PART NO.
B0	2013/06/26	ADD NEW PLATED TYPE	Δ	OPERATION	DRAW	2013/06/26	SCALE	FIT	3614-PXXX-XXXXXR01
A5	2012/07/23	MODIFY	Δ	X.X ±0.40	Tsingsn		UNIT	mm	TITLE: 0.80mm BTB MALE "D" TYPE 180° SMT
A4	2011/10/19	CHANG THE CAP	Δ	X.XX ±0.25	CHECK	DATE	SIZE	A4	
A0	2010/03/09	NEW	—	X.XXX ±0.15	APPROVE	DATE	SHEET	1/1	Customer NO.
				Angle ± 3'			PROJ.		
				DIM TOL					