

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.

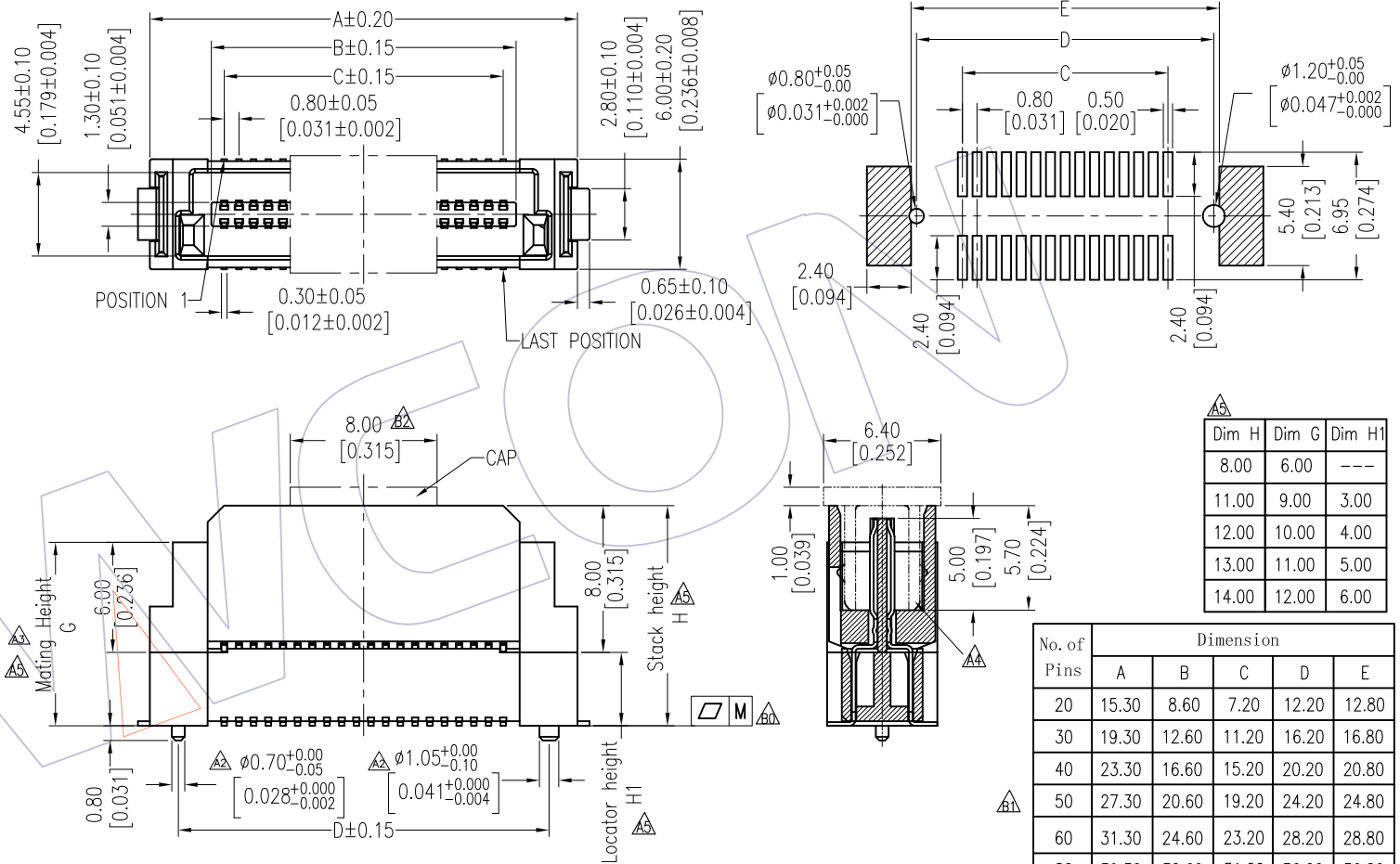
Flatness: <80Pins The "M" Is 0.10mm MAX
≥80Pins The "M" Is 0.15mm MAX

Ordering Information

3614-P XXX - XXX XX R 01

No. of Pins High "H" Contact Plating Packing

△ S1=3u"Gold/Tin R=Tape&Reel+CAP
 △ S3=10u"Gold/Tin
 △ S4=15u"Gold/Tin
 △ S5=30u"Gold/Tin



REV	DATE	MODIFICATION DESCRIPTION	CHANGE	OPERATION	DRAW	DATE	SCALE	FIT	PART NO.
B2	2016/11/18	Modify CAP Length	△	OPERATION	DingWenMin	2016/11/18	mm	mm	3614-PXXX-XXXXXR01
B1	2016/08/08	ADD 50Pin	△	X.X ±0.40	CHECK	DATE	inch	A4	TITLE: 0.80mm BTB MALE "D" TYPE 180° SMT
B0	2013/06/26	ADD NEW PLATED TYPE	△	X.XX ±0.25	APPROVE	DATE	1/1	Customer NO.	
A0	2010/03/09	NEW	—	X.XXX ±0.15					
				Angle ± 3'					
				DIM TOL					

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