

HSF

NOTE:

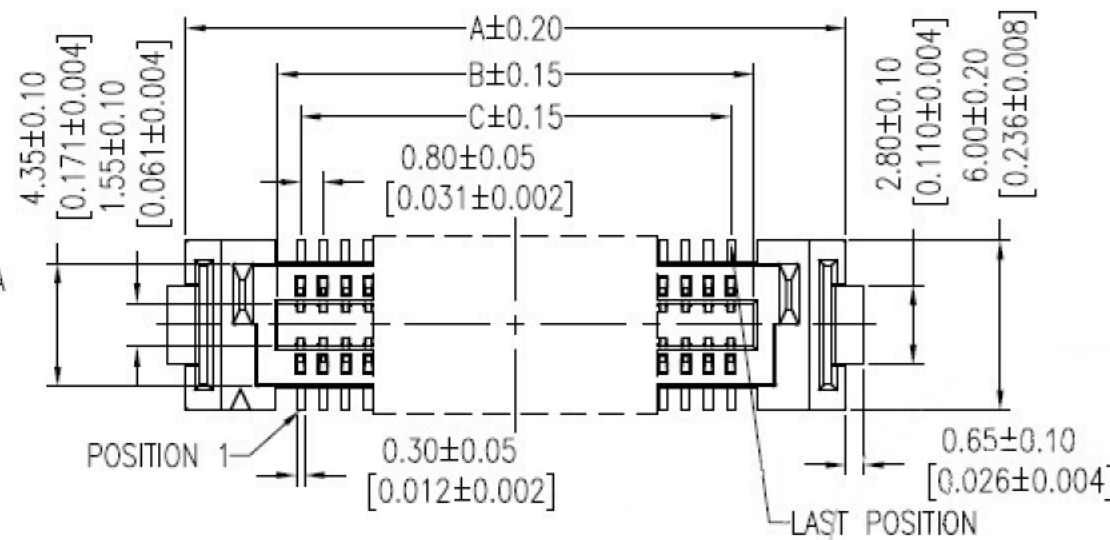
- 1.MATERIAL:
- 1.1 INSULATOR: LCP+30%G.F, UL94V-0; BLACK.
 - 1.2 CAP: LCP+30%G.F, UL94V-0; BLACK.
 - 1.3 CONTACT: PHOSPHOR BRONZE.
 - 1.4 MOUNTING EAR: PHOSPHOR BRONZE.
- 2.FINISH:
- 2.1 CONTACT: 3u" OR 5u" MIN. GOLD PLATED IN CONTACT AREA
 Δ 80u" MIN. TIN PLATED IN SOLDER AREA
 50u" MIN. NICKEL UNDERPLATED 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: 65m Ω MAX.
 - 3.3 INSULATION RESISTANCE: 1000M Ω 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 \geq 80Pins The "M" Is 0.15mm MAX

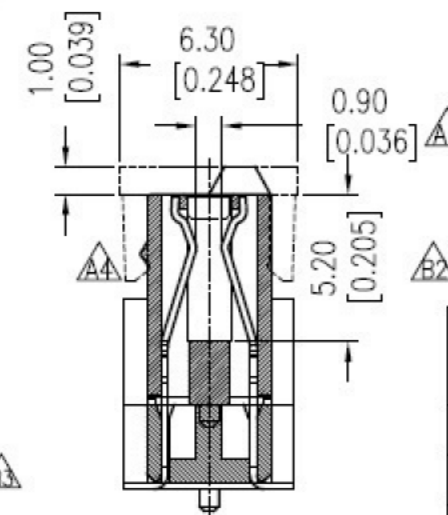
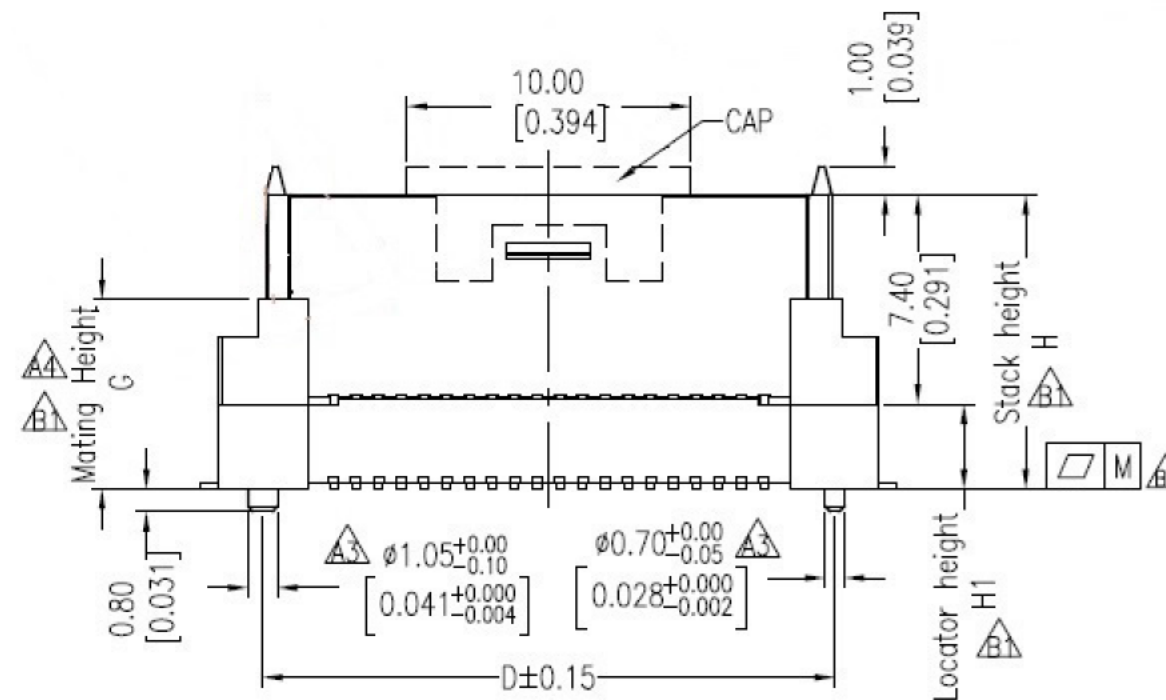
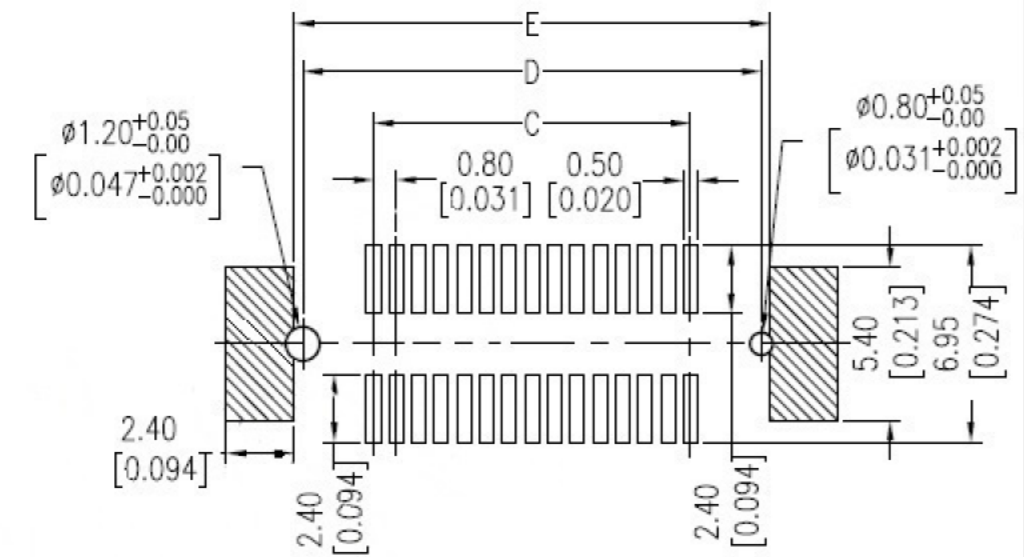
Ordering Information

3614- S XXX - XXX XX R 01

No. of Pins High "H" Contact Plating Packing
 Δ S1=3u"Gold/Tin R=Tape&Reel+CAP
 Δ S2=5u"Gold/Tin



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



Dim H	Dim G	Dim H1
7.40	4.00	---
10.40	7.00	3.00
11.40	8.00	4.00
12.40	9.00	5.00
13.40	10.00	6.00

No. of Pins	Dimension				
	A	B	C	D	E
20	15.30	8.80	7.20	12.20	12.80
30	19.30	12.80	11.20	16.20	16.80
40	23.30	16.80	15.20	20.20	20.80
60	31.30	24.80	23.20	28.20	28.80
80	39.30	32.80	31.20	36.20	36.80
100	47.30	40.80	39.20	44.20	44.80
120	55.30	48.80	47.20	52.20	52.80
160	71.30	64.80	63.20	68.20	68.80

REV	DATE	MODIFICATION DESCRIPTION	CHANGE	OPERATION	DRAW	DATE	SCALE	FIT	PART NO.
B3	2013/06/26	ADD NEW PLATED TYPE	Δ B3	OPERATION	DRAW	2013/06/26	SCALE	FIT	SM C06 3614 S
B2	2012/08/14	Modify Drawing	Δ B2	X.X ±0.40	CHECK	DATE	UNIT	mm	TITLE: 0.80mm BTB FEMALE "D" TYPE 180° SMT Δ B0
B1	2012/07/24	MODIFY	Δ B1	X.XX ±0.25	APPROVE	DATE	SIZE	A4	
A0	2010/03/09	NEW	---	X.XXX ±0.15	DATE	SHEET	1/1	Customer NO.	
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle ± 3'	DIM	TOL	PROJ.	ϕ ∇	

