

HSF

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

NOTE:

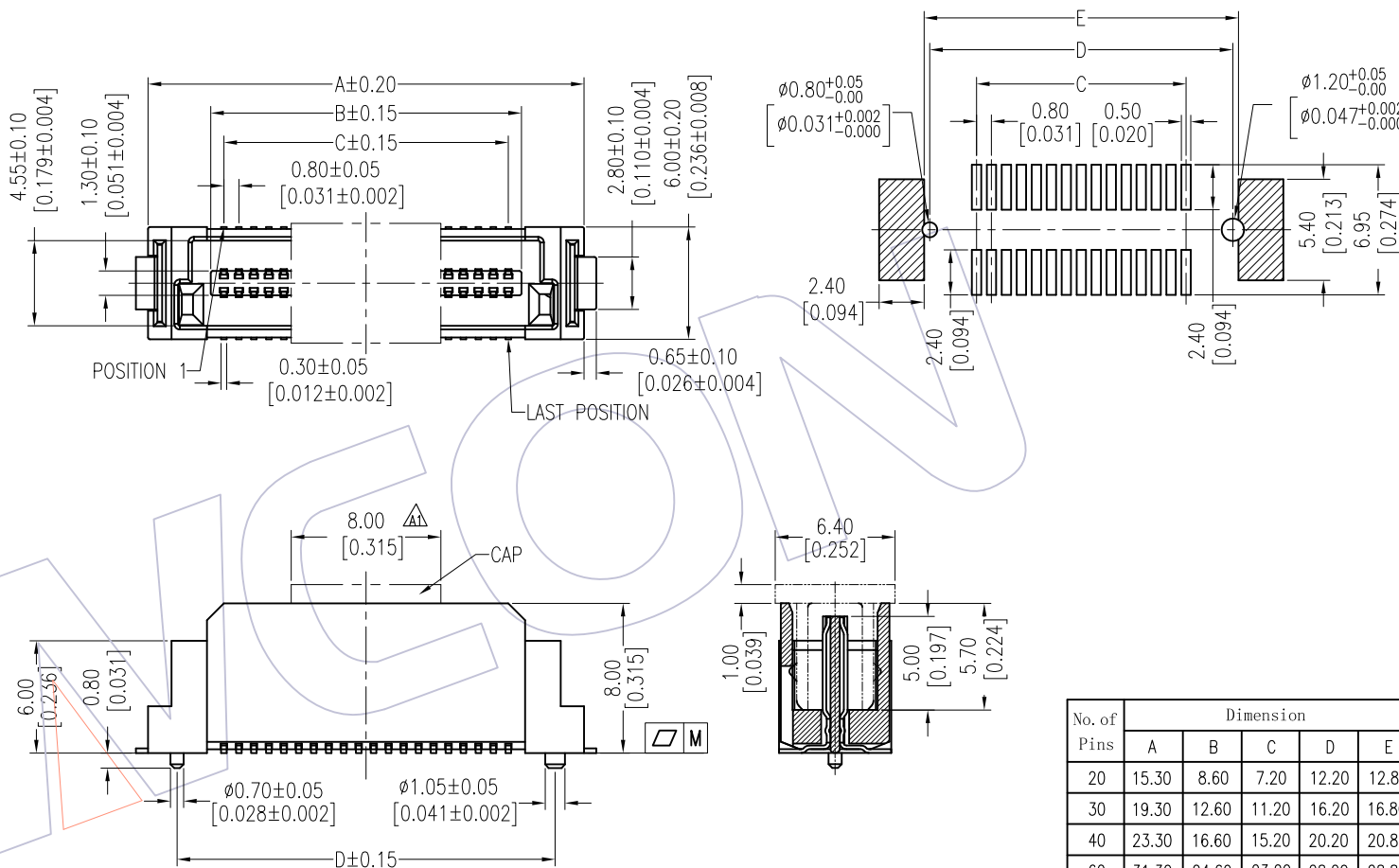
- 1.MATERIAL:
 1.1 INSULATOR: LCP+30%G.F, UL94V-0; BLACK.
 1.2 CAP: LCP+30%G.F, UL94V-0; BLACK.
 1.3 CONTACT: PHOSPHOR BRONZE.
 1.4 MOUNTING EAR: PHOSPHOR BRONZE.
- 2.FINISH:
 2.1 CONTACT: 3u" OR 5u" MIN. GOLD PLATED IN CONTACT AREA
 80u" MIN. TIN PLATED IN SOLDER AREA
 50u" MIN. NICKEL UNDERPLATED OVERALL.
 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 - 080 XX X 01

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



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.	TITLE:	Customer NO.
				X.X	±0.40							
A1	2016/11/18	Modify CAP Length	△	X.XX	±0.25	CHECK	DATE	SIZE	A4	3614-PXXX-080XXX01	0.80mm "D" TYPE BTB MALE 180°SMT H=8.00	WCON-Dongguan Tel: +86 769 85358920 Fax: +86 769 85358915 E-mail: sales@wcon.com
A0	2013/08/05	NEW	—	X.XXX	±0.15	APPROVE	DATE	SHEET	1/1			
				Angle	± 3'			PROJ.	⊕			WCON-Kunshan Tel: +86 512 57468408 Fax: +86 512 57468468 E-mail: salesks@wcon.com

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