



Copyright FCI.

A

B

C

D

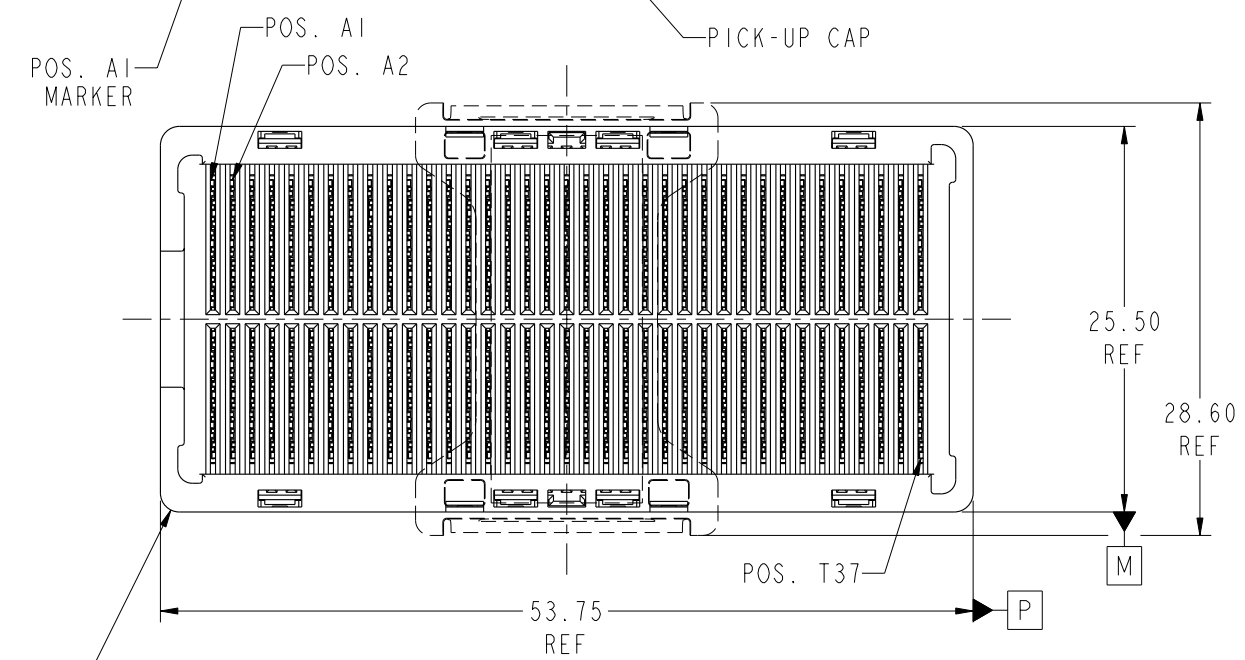
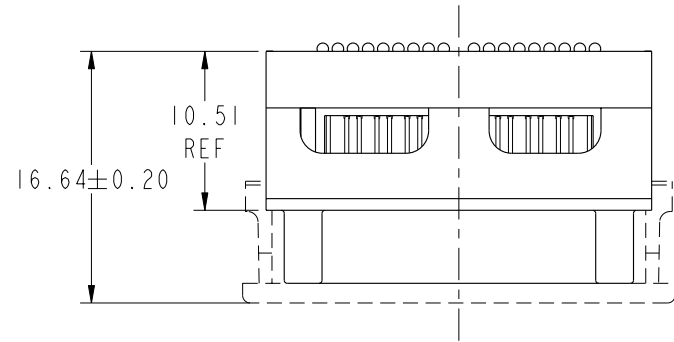
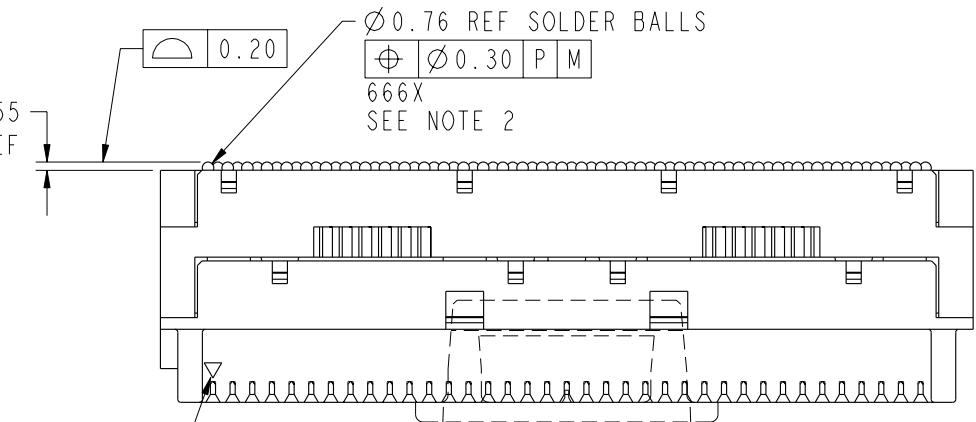
A

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1 2 3 4



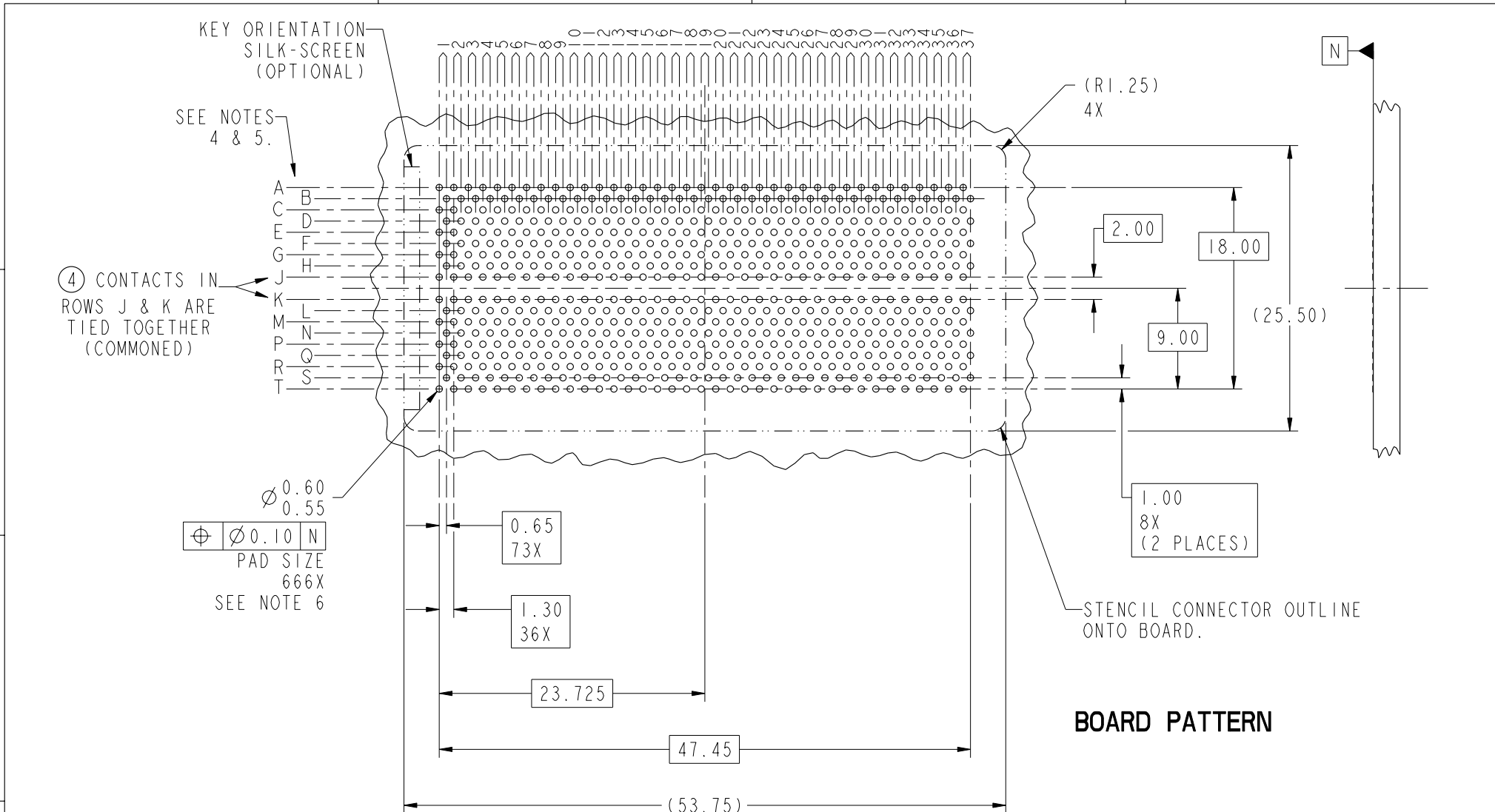
REV F - 2006-04-17

rev	ecn no	dr	date
A	V07-0606	LP	2007/09/19
-	-	-	-
-	-	-	-

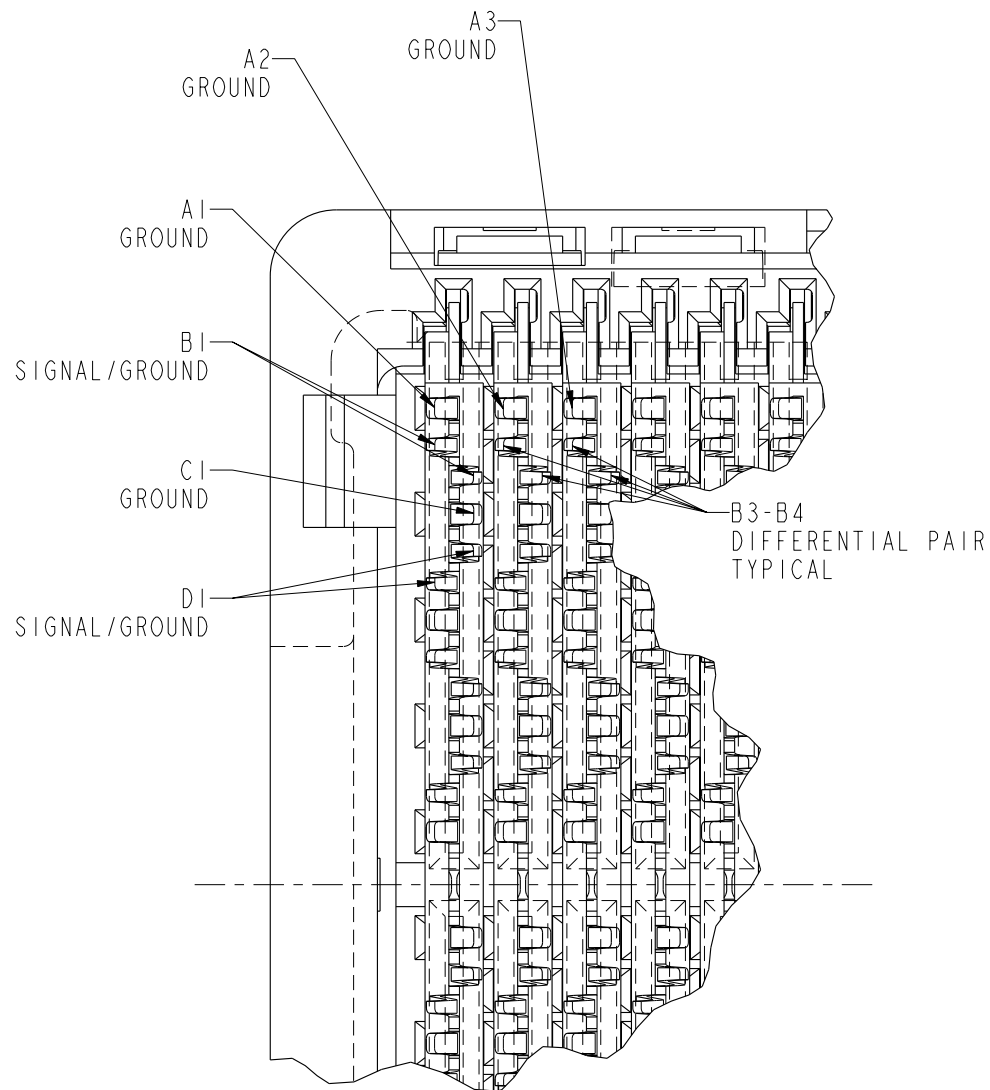
www.fciconnect.com			surface 3.2 ASME Y14.5		tolerance std		projection 				
			TOLERANCES UNLESS OTHERWISE SPECIFIED								
Dr	L.POTTEIGER	2007/08/15	ANGULAR		LINEAR		0.X		±0.3		
Eng	D.HARPER	2007/08/15					0.XX		±0.10		
Chr	D.HARPER	2007/09/19	0°		±°		0.XXX		±0.050		
Appr	D.HARPER	2007/09/19	Product family GIG-Array						ECN V07-0606		
			Spec ref						-		
			title GIG-Array 11mm RECPT.						dwg no 10081497		Rev. A
			ASSEMBLY, 296 SIGNAL POS.								
			catalog no -						CUSTOMER		sheet 1 of 4



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	title		dwg no	Rev.
	GIG-Array 11mm RECPT. ASSEMBLY, 296 SIGNAL POS.		10081497	A
catalog no		-	CUSTOMER	sheet 2 of 4



RECEPTACLE INTERFACE DESCRIPTION

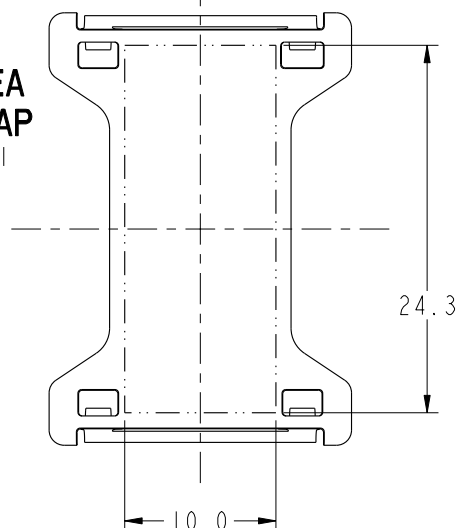
NOTES:

- ① MATERIAL:
HOUSING: LCP
CONTACT: COPPER ALLOY
PLATING (CONTACT): Au OVER Ni.
UL RATING: 94 V-0
SOLDER BALL: (SEE TABLE) EUTECTIC
SnPb OR LEADFREE 95.5 Sn/4Ag/0.5Cu
- ② SOLDER BALLS WILL NOT BE PERFECT
SPHERICAL SHAPE DUE TO REFLOW ATTACHMENT.
- ③ MATED HEIGHT EFFECTED BY CUSTOMERS'
PCB PAD SIZE, PLATING, SOLDER REFLOW
PROFILE & SOLDER PASTE.
- ④ CONTACTS IN ROWS A,C,E,G,J,K,M,P,R AND T
ARE SINGLE BEAM CONTACTS,
TYPICALLY USED AS GROUND PINS.
(NOTE: CONTACTS IN ROWS J & K ARE
TIED TOGETHER [COMMONED])
- ⑤ CONTACTS IN ROWS B,D,F,H,L,N,Q AND S
ARE DUAL BEAM CONTACTS,
TYPICALLY USED AS SIGNAL PINS.

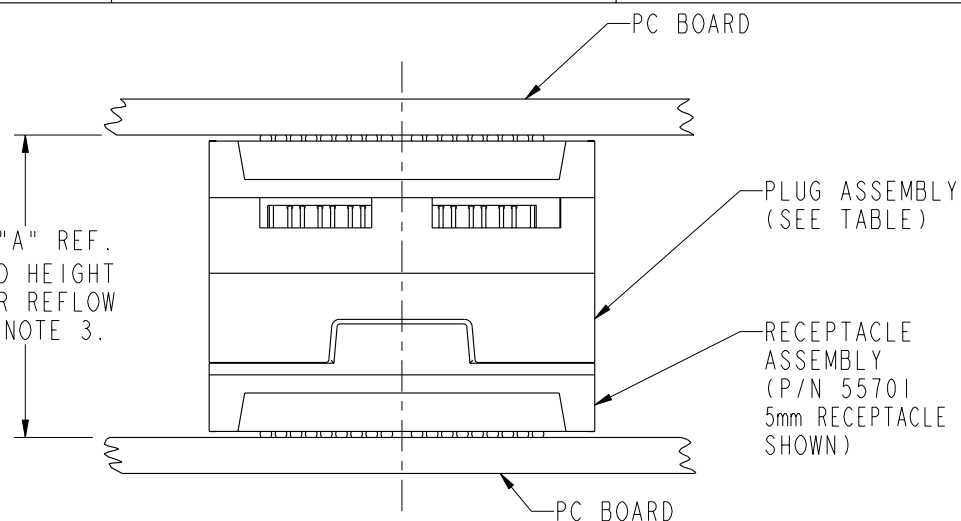


PRODUCT NUMBER	SOLDER BALL
10081497-001	SnPb
10081497-001LF	SnAgCu LEADFREE (7)(8)

**FLAT AREA
PICK-UP CAP**
SCALE 2:1



DIM "A" REF.
MATED HEIGHT
AFTER REFLOW
SEE NOTE 3.



END VIEW OF MATED CONNECTORS
SCALE 2:1

DIM. "A"	PLUG ASSEMBLY P/N
21	55720
23	10026804
24	10008026
26	55700
31	55727
36	10054784

NOTES CONTINUED

- ⑥ SPECIFIED POSITIONAL TOLERANCE DEFINES PAD TO PAD LOCATION WITHIN LAND PATTERN. POSITIONAL TOLERANCE OF LAND PATTERN TO FUDICIAL MARKS OR PCB DATUMS SHALL BE DEFINED BY CUSTOMER. FOR RECOMMENDED PRODUCT APPLICATION AND PCB DESIGN DETAILS, SEE DOC. NO. GS-20-016.
- ⑦ FOR PROPER APPLICATION FOLLOW FCI APPLICATION SPECIFICATION GS-20-033 LEADFREE SOLDER BALLS WILL NOT SOLDER PROPERLY IN A LEADED SOLDER PROCESS DUE TO A HIGHER REFLOW TEMPERATURE, LEADFREE PRODUCT IS THEREFORE NOT BACKWARDS COMPATIBLE WITH LEADED OR SOME SOLDERING APPLICATIONS. REFERENCE FCI APPLICATION SPECIFICATION.
- ⑧ THIS PRODUCT MEETS THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008. PRODUCT MEETING WITH THES DIRECTIVE IS IDENTIFIED IN THE LOT CODE NUMBER MARKED ON EACH PART BY HAVING AN "X" IN THE SEVENTH CHARACTER POSITION.



title	GIG-Array 11mm RECPT. ASSEMBLY, 296 SIGNAL POS.		dwg no	10081497	Rev A
	catalog no	-			
CUSTOMER			sheet 4 of 4		