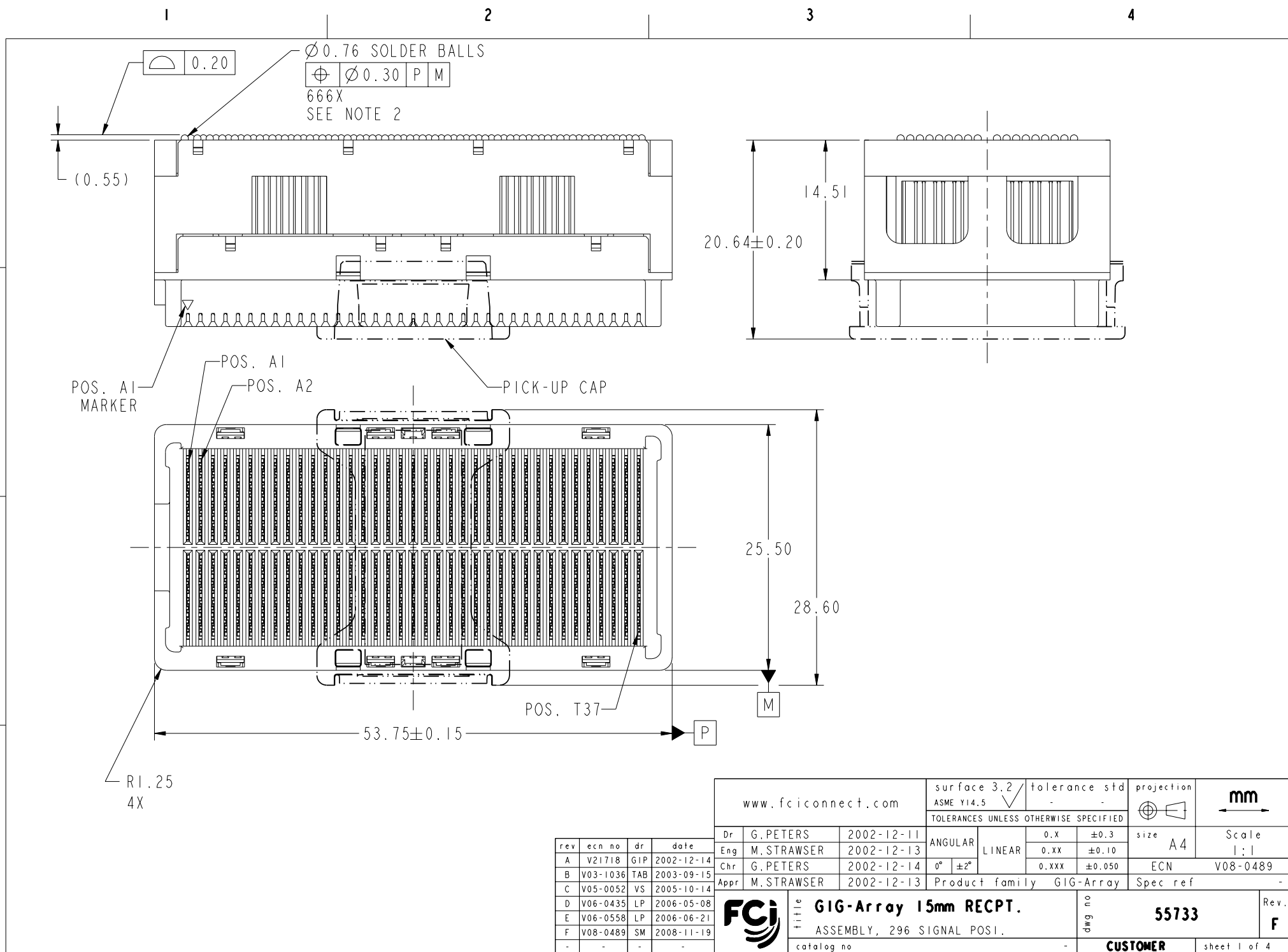




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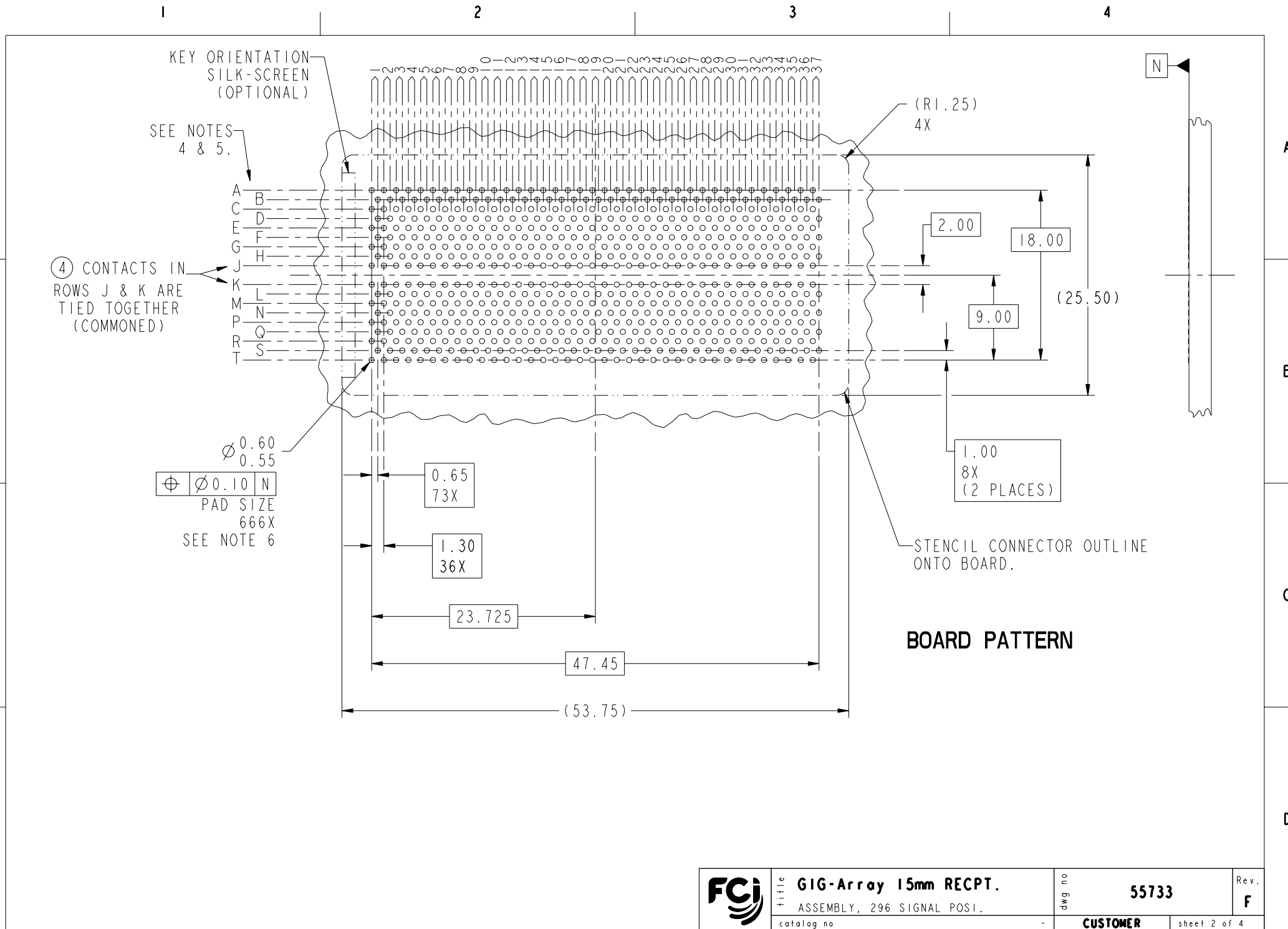


rev	ecn no	dr	date
A	V21718	GIP	2002-12-14
B	V03-1036	TAB	2003-09-15
C	V05-0052	VS	2005-10-14
D	V06-0435	LP	2006-05-08
E	V06-0558	LP	2006-06-21
F	V08-0489	SM	2008-11-19
-	-	-	-

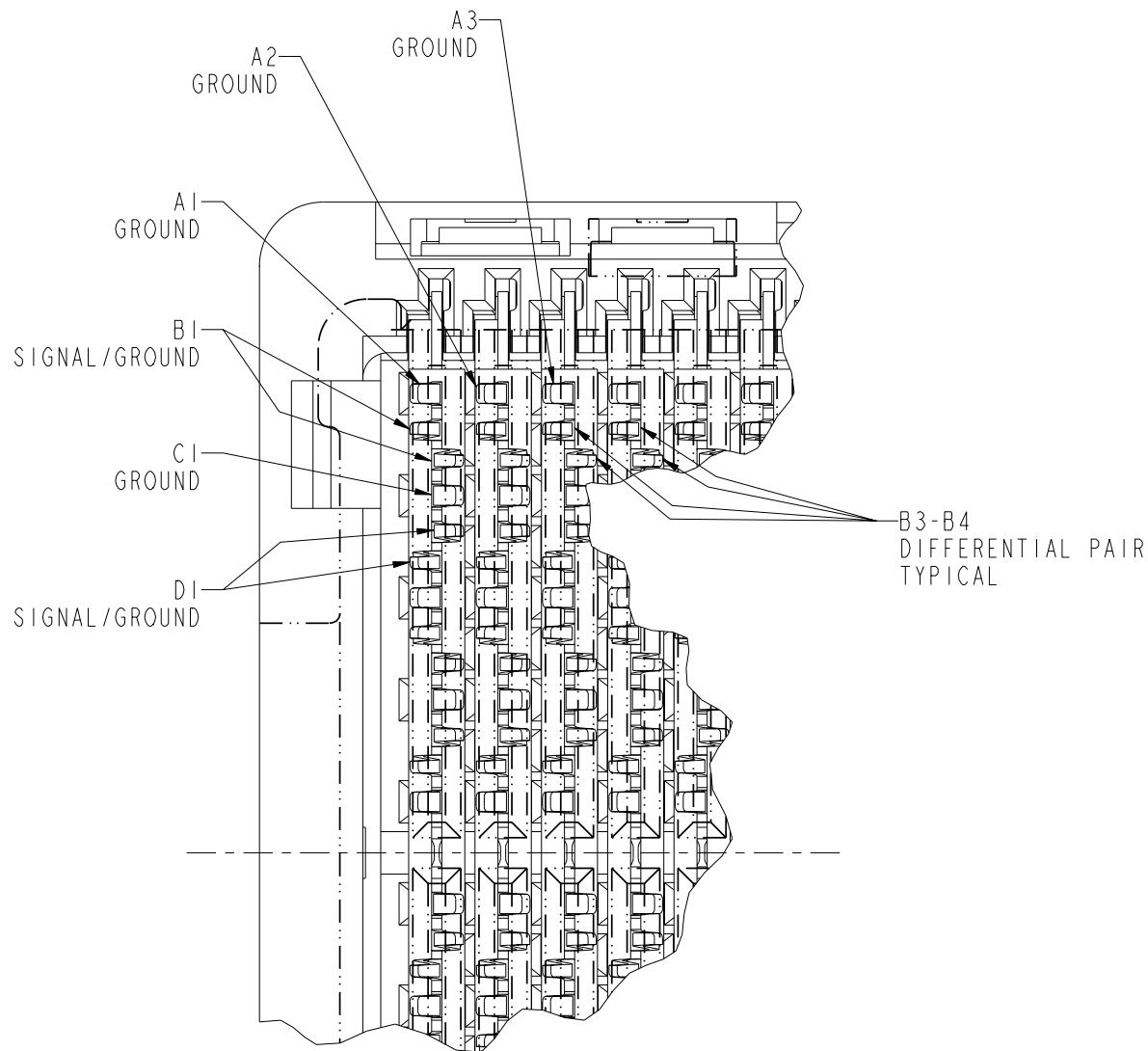
www.fciconnect.com			surface 3.2 ASME Y14.5	tolerance std -	projection -	mm	
			TOLERANCES UNLESS OTHERWISE SPECIFIED				
Dr	G.PETERS	2002-12-11	ANGULAR 0° ±2°	0.X	±0.3	size	Scale
Eng	M.STRAWSER	2002-12-13		0.XX	±0.10	A4	1:1
Chr	G.PETERS	2002-12-14		0.XXX	±0.050	ECN	V08-0489
Appr	M.STRAWSER	2002-12-13	Product family GIG-Array			Spec ref	-
FCI			title GIG-Array 15mm RECPT. ASSEMBLY, 296 SIGNAL POSI.			dwg no	Rev.
			catalog no			55733	F
			CUSTOMER			sheet 1 of 4	



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	title		dwg no		Rev
	GIG-Array 15mm RECPT. ASSEMBLY, 296 SIGNAL POSI.		55733		F
	catalog no		-	CUSTOMER	sheet 2 of 4



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.

RECEPTACLE INTERFACE
DESCRIPTION

FCI	title	GIG-Array 15mm RECPT.	dwg no	55733	Rev.
		ASSEMBLY, 296 SIGNAL POSI.			F
	catalog no	-	CUSTOMER	sheet 3 of 4	

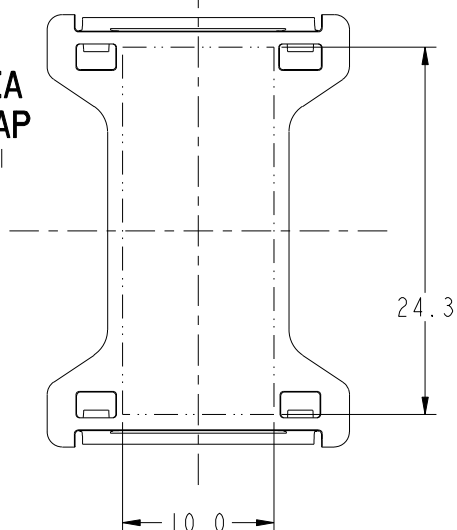
PDM: Rev:F

STATUS: Released

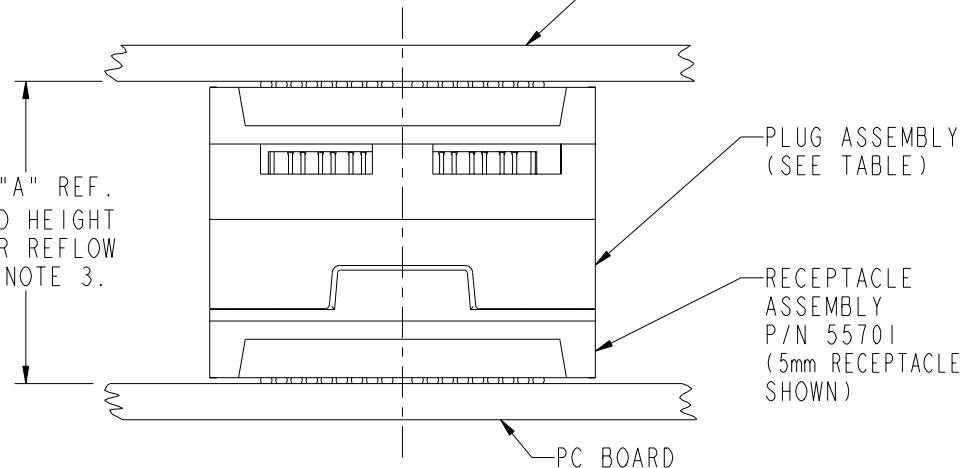
Printed: Dec 11, 2008

PRODUCT NUMBER	SOLDER BALL
55733-001	SnPb
55733-001LF	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
25	55720
27	10026804
28	10008026
30	55700
35	55727
40	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 THIS DIRECTIVE IS IDENTIFIED IN THE LOT CODE NUMBER MARKED ON EACH PART BY HAVING AN "X" IN THE SEVENTH CHARACTER POSITION.

	title GIG-Array 15mm RECPT.	dwg no 55733	Rev. F
	ASSEMBLY, 296 SIGNAL POSI.	CUSTOMER	sheet 4 of 4
catalog no	-		

PDM: Rev:F

STATUS: Released

Printed: Dec 11, 2008