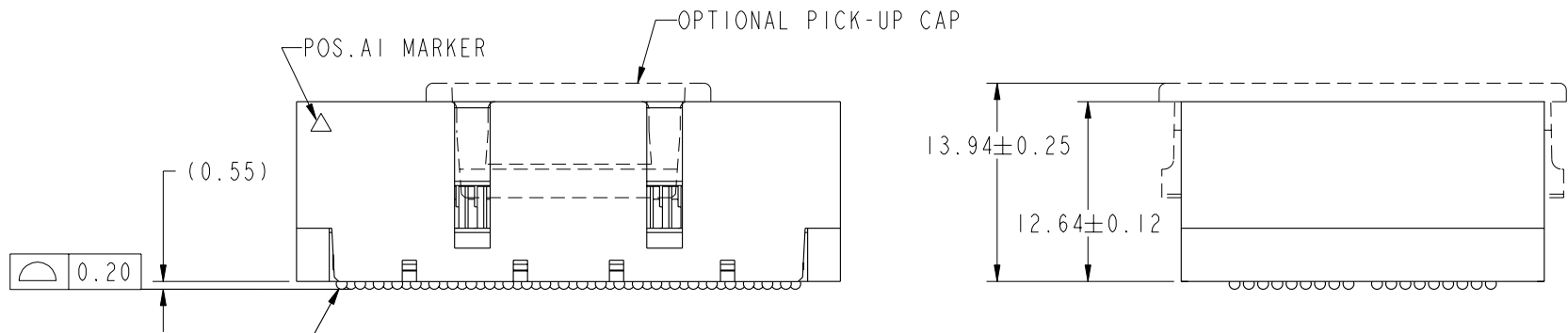
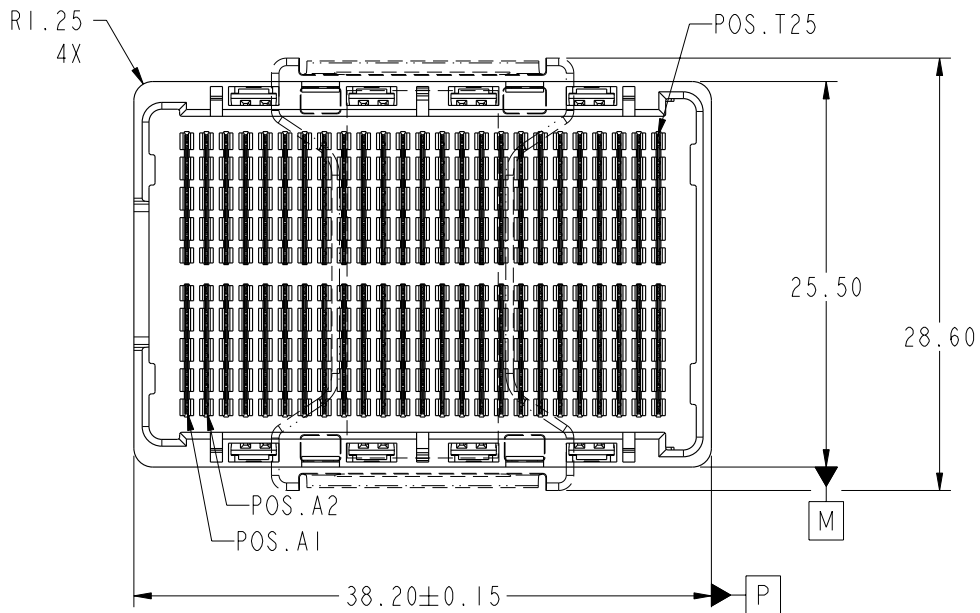




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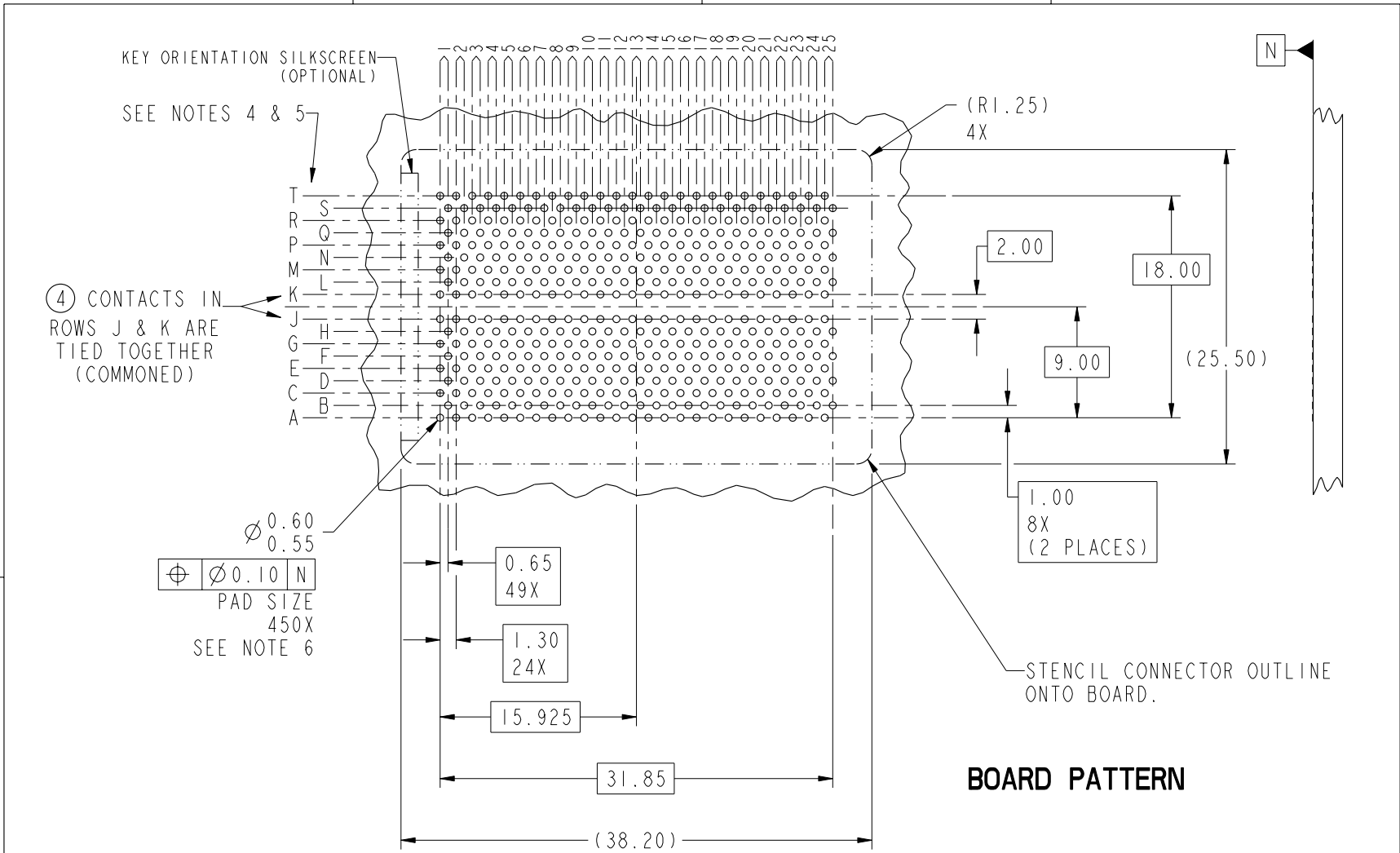


Ø 0.76 SOLDER BALLS
 450X
 SEE NOTE 2

⊕	Ø 0.30	P	M
---	--------	---	---

mat'l code				SEE NOTE 1		tolerances unless otherwise specified		CUSTOMER		FCI www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0.X ± 0.3		COPY		title GIG-Array - 13mm PLUG ASSY 200 SIG POS.		
A	V06-0148	LP	2006/04/24		0.XX ± 0.10		projection				
B	V06-0558	LP	2006/06/21		0.XXX ± 0.050						
C	V07-0618	LP	2007/10/15	angles	0° ± 2°				product family GIG-Array code 213		
				dr	L. POTTEIGER	10/10/05	MM		size		dwg no
				engr	D. HARPER	10/50/05	← MM →		A		10060910
				chr	D. HARPER	10/10/05	scale				sheet
				appd	D. HARPER	10/10/05	1:1				1 of 4
sheet index		revision sheet		C	C	C	C			cage code	
				1	2	3	4			22526	

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$\varnothing 0.60$
 $\varnothing 0.55$
 $\varnothing 0.10$ N
 PAD SIZE
 450X
 SEE NOTE 6

BOARD PATTERN

mat'l code				SEE NOTE 1		tolerances unless otherwise specified		CUSTOMER		FCI www.fciconnect.com	
ltr	ecr no.	dr	date	linear	0.X ±0.3		COPY		projection	title	
C	-	-	-		0.XX ±0.10		MM			GIG-Array - 13mm PLUG ASSY 200 SIG POS.	
					0.XXX ±0.050		← MM →			product family GIG-Array code	
				angles	0° ±2°		scale		size	dwg no	sheet
				dr	L.POTTEIGER	10/10/05	2:1		A	10060910	213
				enr	D. HARPER	10/50/05					2
				chr	D. HARPER	10/10/05					
				appd	D. HARPER	10/10/05					
sheet index	revision sheet										

cage code 22526

Pro/E

PDM: Rev:C

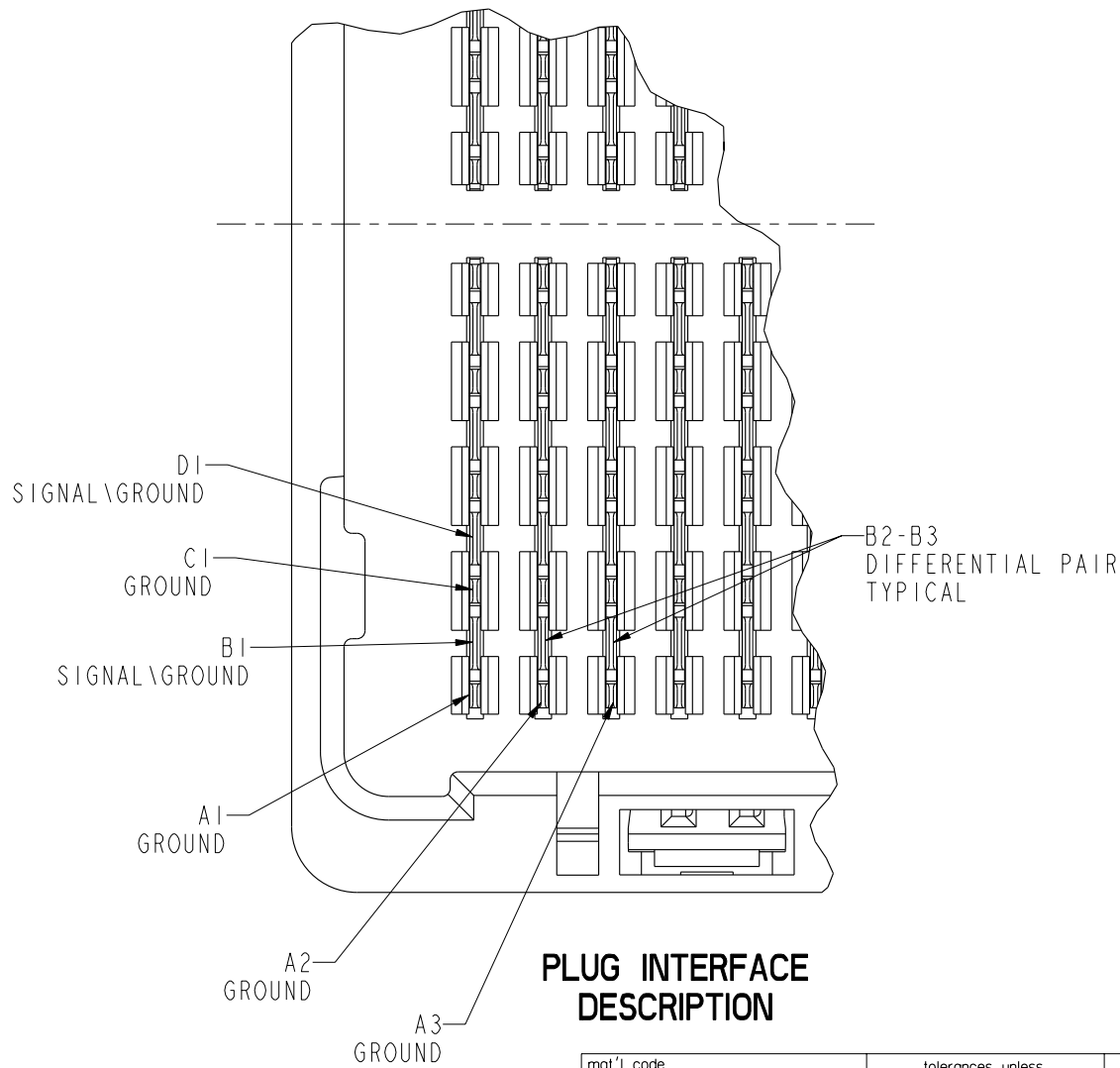
STATUS: **Released**

Printed: May 22, 2008


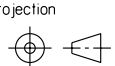

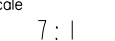
1 | 2

3 |

4



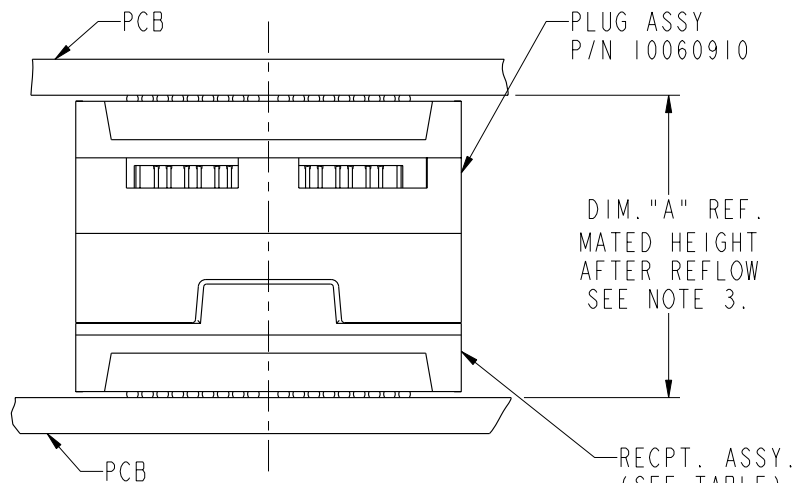
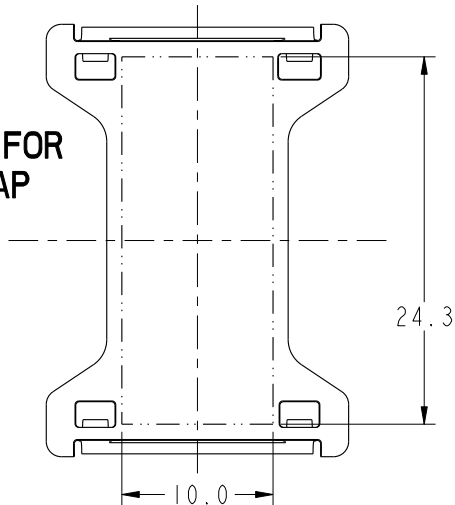
PLUG INTERFACE DESCRIPTION

mat'l code				SEE NOTE 1		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecr no.	dr	date	linear	0.X ±0.3		COPY		  	title	
C	-	-	-		0.XX ±0.10		GIG-Array - 13mm PLUG			code	
					0.XXX ±0.050		ASSY 200 SIG POS.			213	
				angles	0° ±2°		product family		GIG-Array		
				dr	L.POTTEIGER	10/10/05	size		dwg no		
				enrg	D. HARPER	10/50/05	A		10060910		
				chr	D. HARPER	10/10/05	sheet		3		
				appd	D. HARPER	10/10/05	cage code		22526		
sheet index	revision sheet										

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PRODUCT NUMBER	SOLDER BALL
10060910-001	SnPb
10060910-001LF	SnAgCu LEADFREE (7)(8)

FLAT AREA FOR PICK-UP CAP



END VIEW OF MATED CONNECTORS

NOTES:

- ① MAT'L:
HOUSING: LCP
CONTACT: COPPER ALLOY
PLATING (CONTACT): Au OVER Ni.
UL RATING: 94 V-0
- 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.
- 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.

DIM. "A"	RECPT. ASSY. P/N
28	55741
18	55740

mat'l code				SEE NOTE 1		tolerances unless otherwise specified		CUSTOMER		FCI www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0.X ±0.3		COPY		projection	title	
C	-	-	-		0.XX ±0.10		MM			GIG-Array - 13mm PLUG ASSY 200 SIG POS.	
					0.XXX ±0.050		1:1			product family GIG-Array code 213	
				angles	0° ±2°		scale		size		
				dr	L. POTTEIGER	10/10/05	A		10060910		
				engr	D. HARPER	10/50/05			sheet 4		
				chr	D. HARPER	10/10/05					
				appd	D. HARPER	10/10/05					
sheet index	revision sheet								cage code	22526	

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