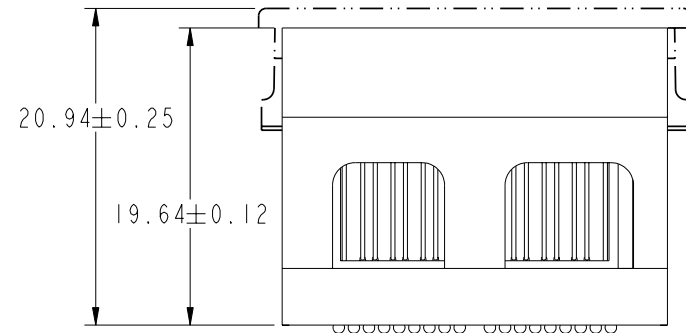
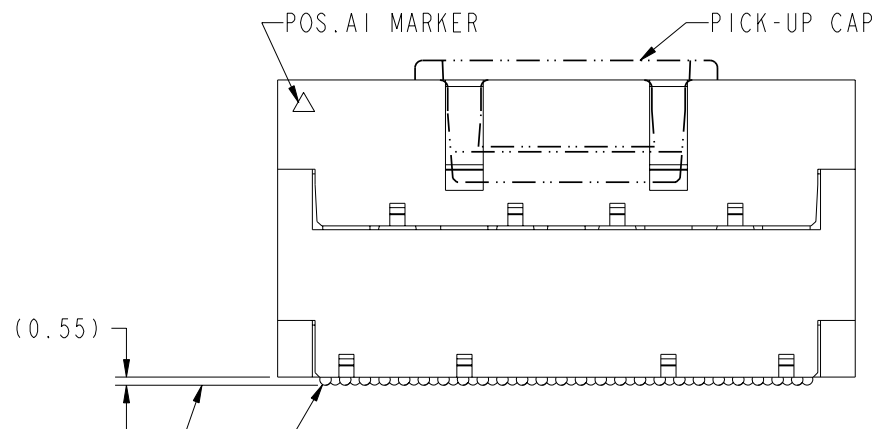
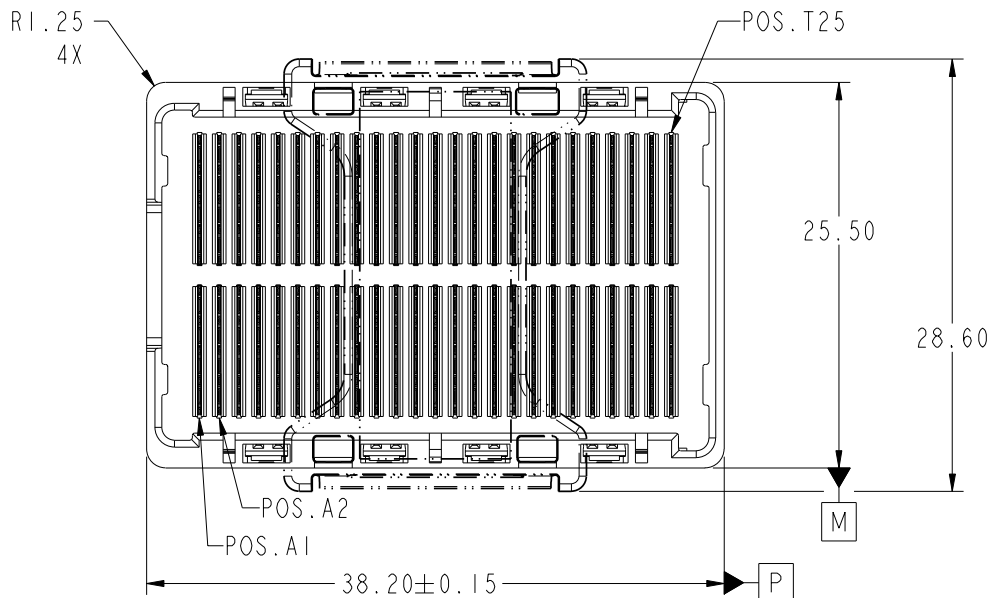




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REV E - 2008-04-18



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 20mm PLUG ASSY. 200 SIG. POS.									
A		V04-0481		TAB		2004-05-10			0.XX ±0.10				projection													
B		V05-0052		VS		2005-10-16			0.XXX ±0.050				projection symbol													
C		V06-0558		LP		2006-06-12		angles	0° ±2°				MM				product family				GIG-Array				code	
D		V08-0329		SM		2008-11-15			dr		R. JOHNSON 2002-01-02						D. JOHNESEU 2002-01-02		size		dwg no		213			
								enrg		D. JOHNESEU 2002-01-02		scale		A		55739		sheet		1 of 4						
								chr		D. JOHNESEU 2002-01-02																
								appd		D. JOHNESEU 2002-01-02																
sheet index		revision sheet		D		D		D		D																
				1		2		3		4																

Pro/E

PDM: Rev:D

STATUS: Released

Printed: Jan_09_2009



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REV E - 2008-04-18

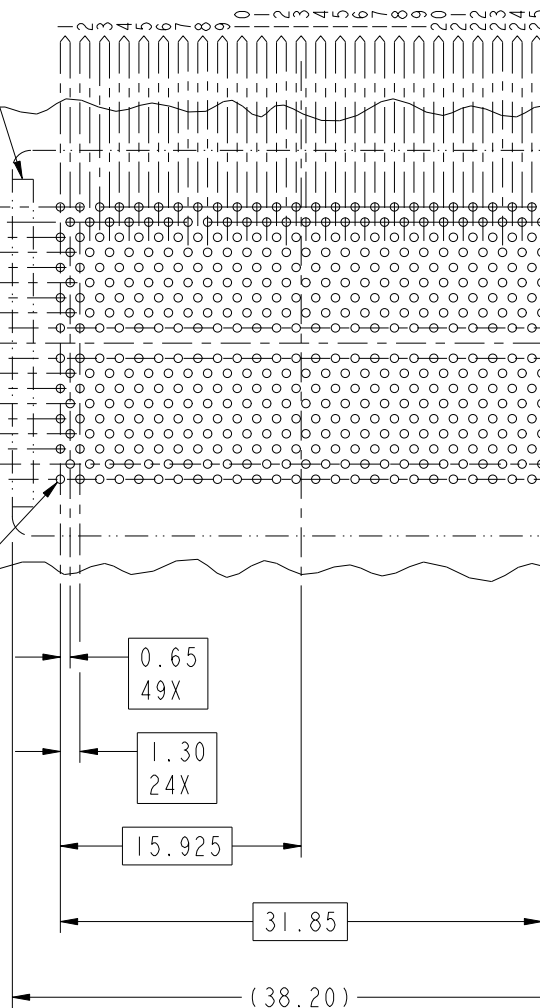
KEY ORIENTATION SILKSCREEN
(OPTIONAL)

SEE NOTES 4 & 5

④ CONTACTS IN
ROWS J & K ARE
TIED TOGETHER
(COMMONED)

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

T
R
S
Q
P
N
M
L
K
J
H
G
F
E
D
C
B
A



BOARD PATTERN

STENCIL CONNECTOR OUTLINE
ONTO BOARD.

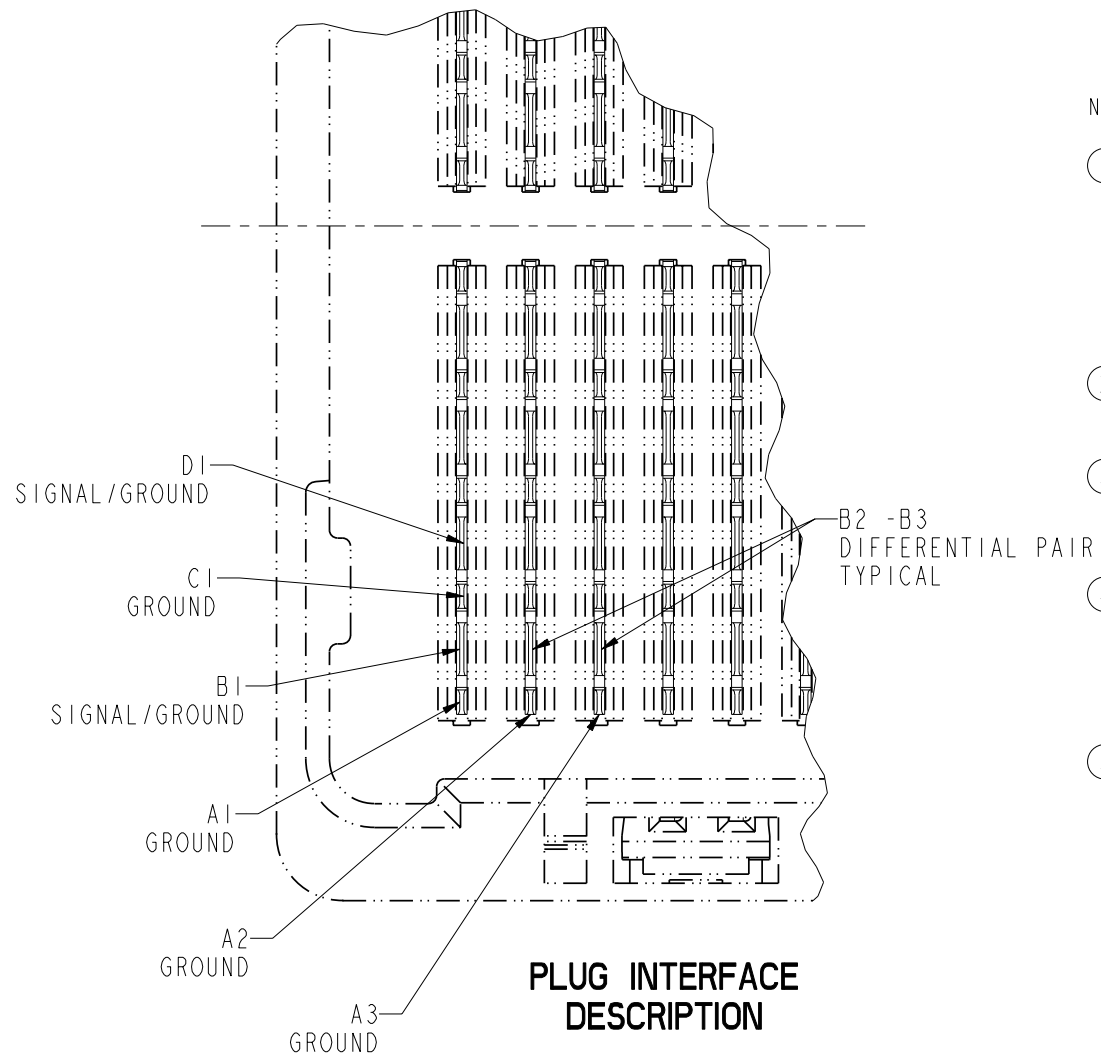
mat'l code				SEE NOTE 1		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
ltr	ecr no.	dr	date	linear		0.X ±0.3		COPY		title	GIG-Array	code	
D	-	-	-	linear		0.XX ±0.10		projection		20mm PLUG ASSY. 200 SIG. POS.		213	
				angles		0.XXX ±0.050				product family	GIG-Array	sheet	2
				dr	R. JOHNSON	2002-01-02		MM		size	55739		
				enr	D. JOHNECU	2002-01-02		scale	2:1	dwg no			
				chr	D. JOHNECU	2002-01-02							
				appd	D. JOHNECU	2002-01-02							
sheet index	revision sheet												

Pro/E

PDM: Rev:D

STATUS: Released

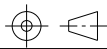
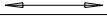
Printed: Jan_09_2009



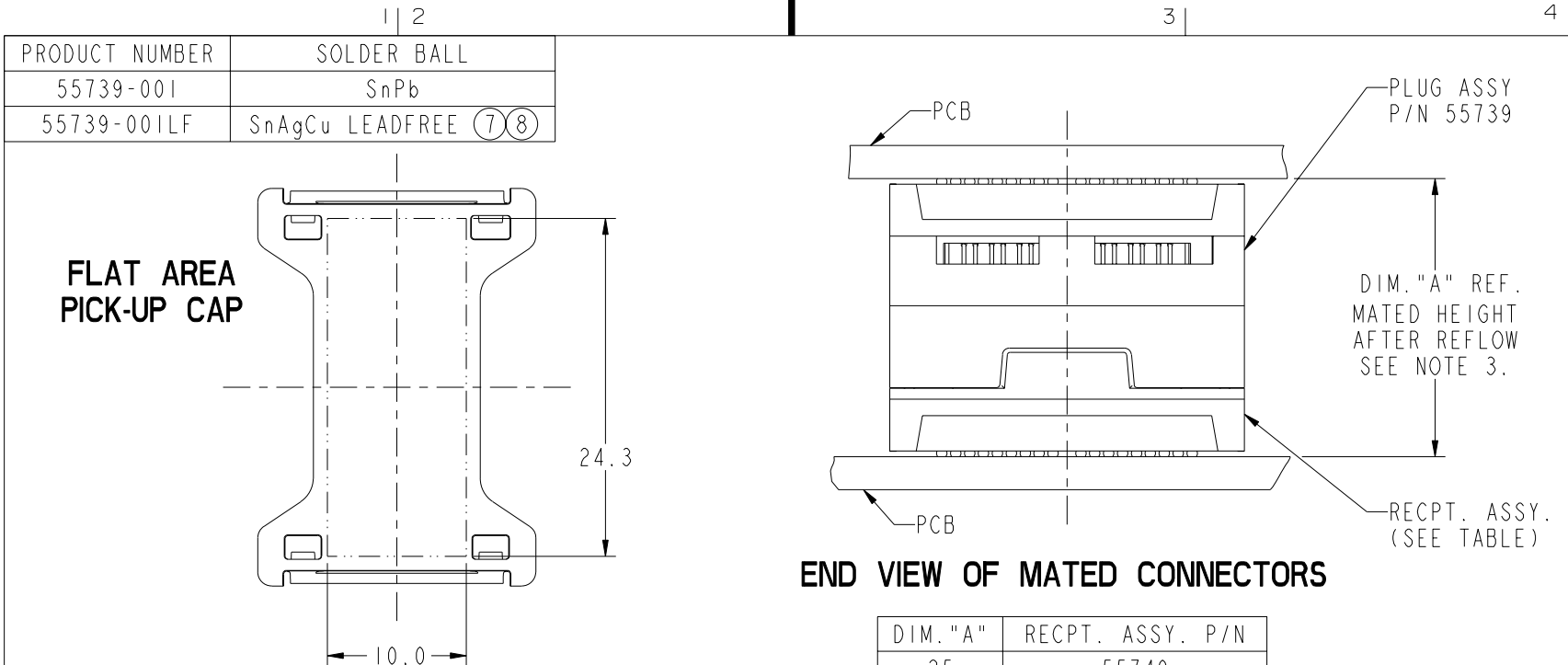
NOTES:

- 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.

PLUG INTERFACE DESCRIPTION

mat'l code				SEE NOTE 1		tolerances unless otherwise specified		CUSTOMER		FCI			
ltr	ecr no.	dr	date							www.fciconnect.com			
D	-	-	-	linear		$0.X \pm 0.3$		COPY					
						$0.XX \pm 0.10$		projection					
				angles		$0.XXX \pm 0.050$							
				dr	R. JOHNSON	2002-01-02		MM		GIG-Array 20mm PLUG ASSY. 200 SIG. POS.			
				enrg	D. JOHNECU	2002-01-02							
				chr	D. JOHNECU	2002-01-02		7:1					
				appd	D. JOHNECU	2002-01-02				55739			
sheet	revision												
index	sheet												





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.

DIM. "A"	RECPT. ASSY. P/N
25	55740
30	10026010
35	55741

mat'l code				SEE NOTE 1		tolerances unless otherwise specified		CUSTOMER		FCI			
lfr	ecn no.	dr	date							www.fciconnect.com			
D	-	-	-	linear		0.X ±0.3		COPY		title			
						0.XX ±0.10		projection		GIG-Array			
				angles		0.XXX ±0.050				20mm PLUG ASSY. 200 SIG. POS.			
						0° ±2°				product family			
				dr	R. JOHNSON	2002-01-02		MM		GIG-Array			
				enrg	D. JOHNSCU	2002-01-02				code			
				chr	D. JOHNSCU	2002-01-02				213			
				appd	D. JOHNSCU	2002-01-02				sheet			
sheet index		revision sheet								4			