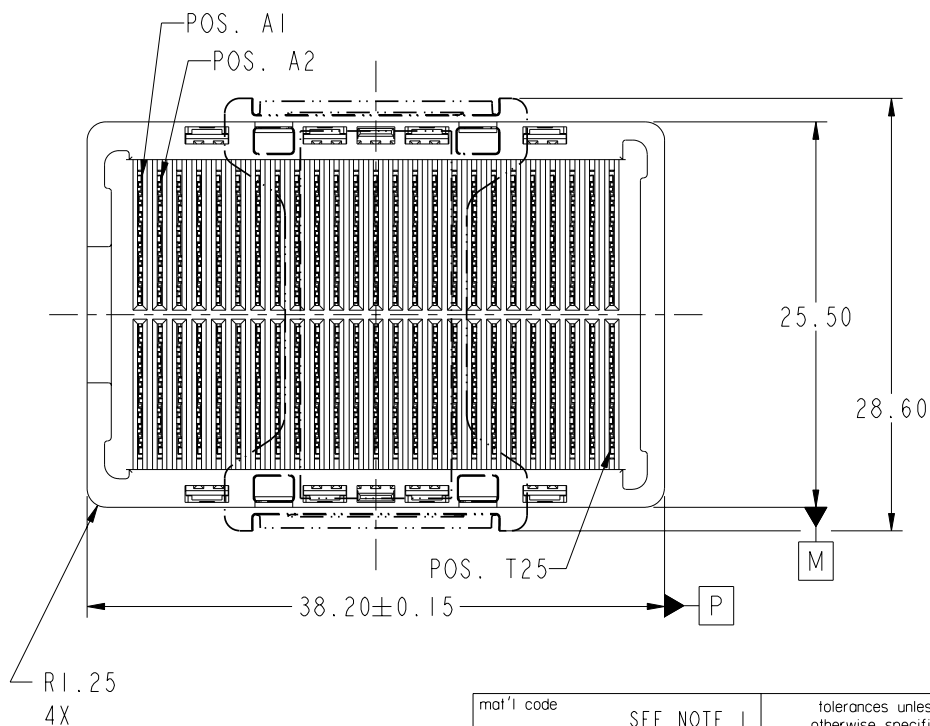
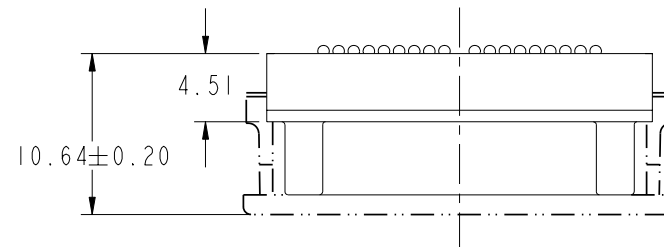
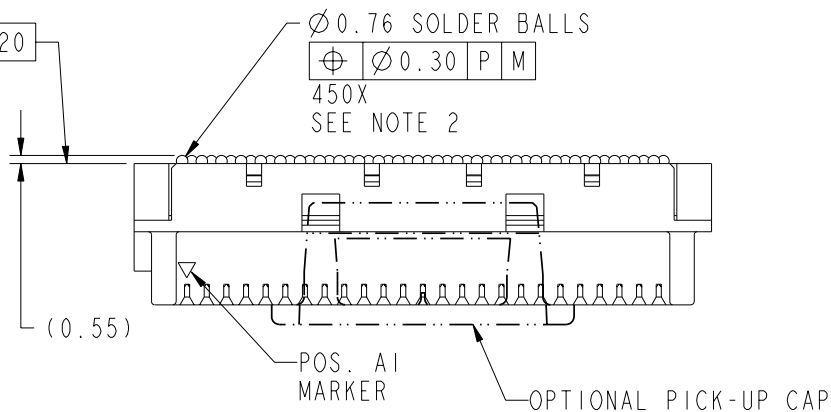
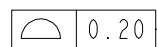








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mat'l code				SEE NOTE 1				tolerances unless otherwise specified				CUSTOMER		 www.fciconnect.com					
lir		ecn no.		dr		date		linear	0.X ± 0.3				COPY						
A		V06-0001		DAI		2006-01-10			0.XX ± 0.10				projection						
B		V06-0109		LP		2006-04-21			0.XXX ± 0.050										
C		V06-0435		LP		2006-05-08		angles	0° ± 2°						title				
D		V06-0523		LP		2006-05-31			dr		R. JOHNSON 2001-11-14				5mm				
E		V06-0558		LP		2006-06-21		enrg		D. JOHNESCU 2001-11-14		scale		product family					
F		V08-0489		SM		2008-11-19		chr		D. JOHNESCU 2001-11-14				GIG-Array					
								appd		D. JOHNESCU 2001-11-14				size		dwg no		code	
												2:1		A		55740		213	
																		sheet	
																		1 of 4	
sheet		revision		F		F		F		F									
index		sheet		1		2		3		4									



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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

0.65
49X

1.30
24X

15.925

31.85

(38.20)

(R1.25)
4X

2.00

18.00

(25.50)

9.00

1.00
8X
(2 PLACES)

STENCIL CONNECTOR OUTLINE
ONTO BOARD.

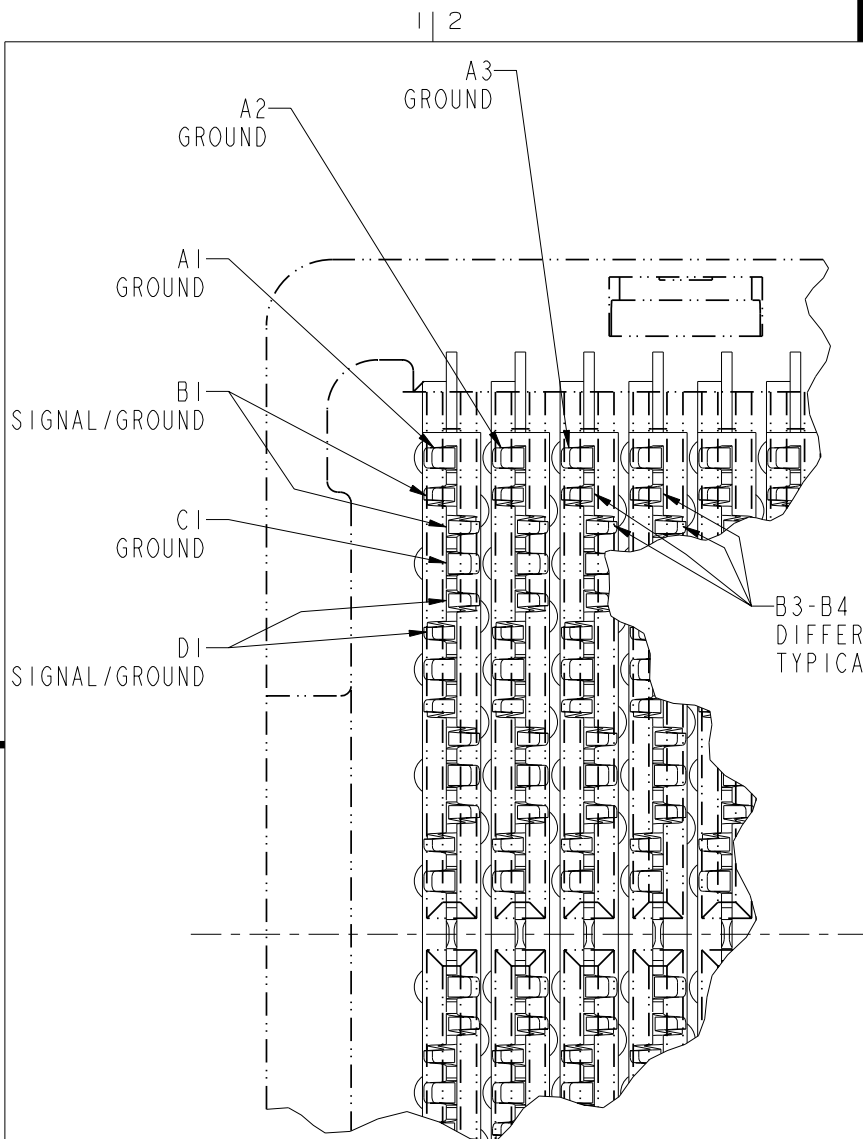
BOARD PATTERN

mat'l code				SEE NOTE 1		tolerances unless otherwise specified		CUSTOMER		FCI	
lir	ecr no.	dr	date					COPY		www.fciconnect.com	
F				linear		$0.X \pm 0.3$		projection		title	GIG-Array
						$0.XX \pm 0.10$				5mm	RECP. ASSY. 200 SIG. POS.
				angles		$0.XXX \pm 0.050$				product family	GIG-Array
						$0^\circ \pm 2^\circ$		MM		code	213
				dr	R. JOHNSON	2001-11-14		scale		size	2
				enrg	D. JOHNSCU	2001-11-14		2:1		dwg no	55740
				chr	D. JOHNSCU	2001-11-14					
				appd	D. JOHNSCU	2001-11-14					
sheet	revision										
index	sheet										



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RECEPTACLE INTERFACE DESCRIPTION



NOTES:

- ① MATERIAL:
HOUSING: LCP
CONTACT: COPPER ALLOY
PLATING (CONTACT): Au OVER Ni.
UL RATING: 94 V-0
SOLDERBALL: (SEE TABLE) EUTECTIC
SnPb OR LEAD FREE 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.

mat'l code				SEE NOTE 1		tolerances unless otherwise specified		CUSTOMER		FCI			
lir	ecr no.	dr	date					COPY		www.fciconnect.com			
F				linear		0.X ±0.3		projection		title			
						0.XX ±0.10				GIG-Array			
				angles		0.XXX ±0.050				5mm RECP. ASSY. 200 SIG. POS.			
						0° ±2°				product family			
				dr	R. JOHNSON	2001-11-14		MM		GIG-Array			
				enrg	D. JOHNECU	2001-11-14		scale		size			
				chr	D. JOHNECU	2001-11-14				dwg no			
				appd	D. JOHNECU	2001-11-14				55740			
sheet	revision									code			
index	sheet									213			

Pro/E

PDM: Rev:F

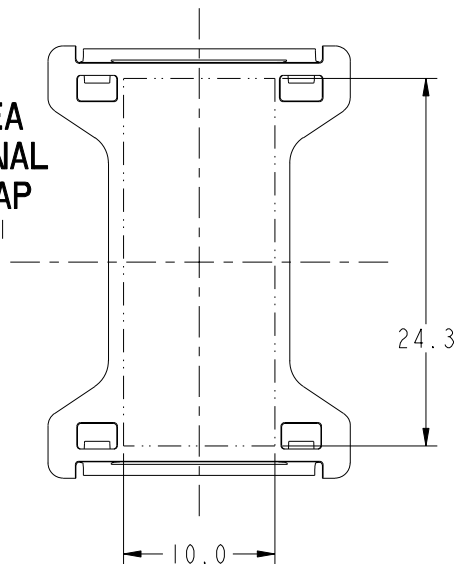
STATUS: Released

Printed: Dec 11, 2008



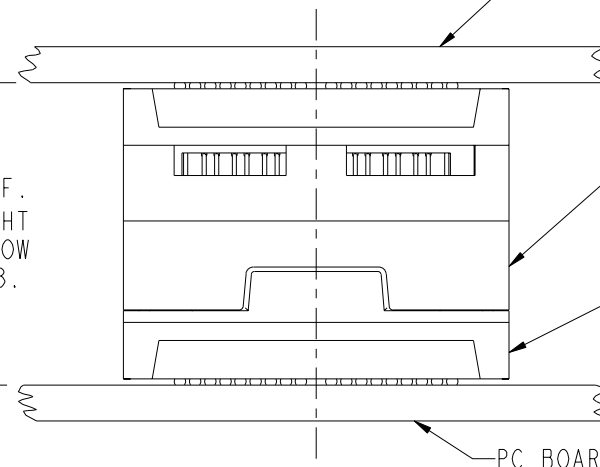
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FLAT AREA
FOR OPTIONAL
PICK-UP CAP
SCALE 2:1



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

END VIEW OF MATED CONNECTORS
SCALE 2:1



DIM. "A"	PLUG ASSEMBLY P/N
15	55737
17	10026802
18	10030626
20	55738
25	55739
30	10054783

- 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.
- FOR PROPER APPLICATION FOLLOW FCI APPLICATION SPECIFICATION GS-20-033. LEAD FREE 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.
- THIS PRODUCT MEETS THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008. PRODUCT MEETING THIS DIRECTIVE IS IDENTIFIED IN THE CODE NUMBER MARKED ON EACH PART BY HAVING AN "X" IN THE SEVENTH CHARACTER POSITION.

mat'l code				SEE NOTE 1		tolerances unless otherwise specified		CUSTOMER		FCI			
lir	ecr no.	dr	date					COPY		www.fciconnect.com			
F				linear		0.X ± 0.3		projection		title			
						0.XX ± 0.10				GIG-Array			
				angles		0.XXX ± 0.050				5mm RECP. ASSY. 200 SIG. POS.			
						0° $\pm 2^\circ$				product family			
				dr	R. JOHNSON	2001-11-14		MM		GIG-Array			
				enrg	D. HARPER	2001-01-10		scale		size			
				chr	D. JOHNSCU	2001-11-14		2:1		dwg no			
				appd	D. JOHNSCU	2001-11-14				55740			
sheet index		revision sheet								code			
										213			
										sheet			
										4			

Pro/E

PDM: Rev:F

STATUS: Released

Printed: Dec 11, 2008