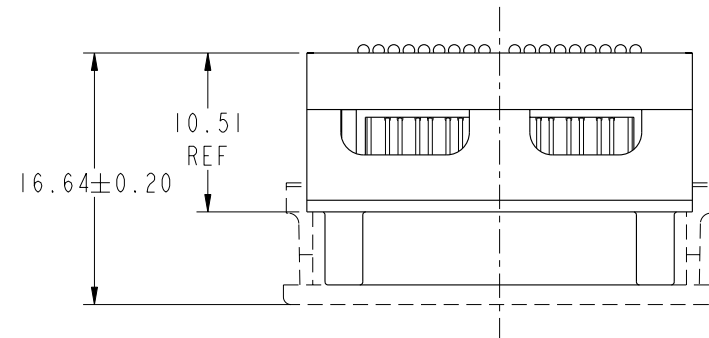
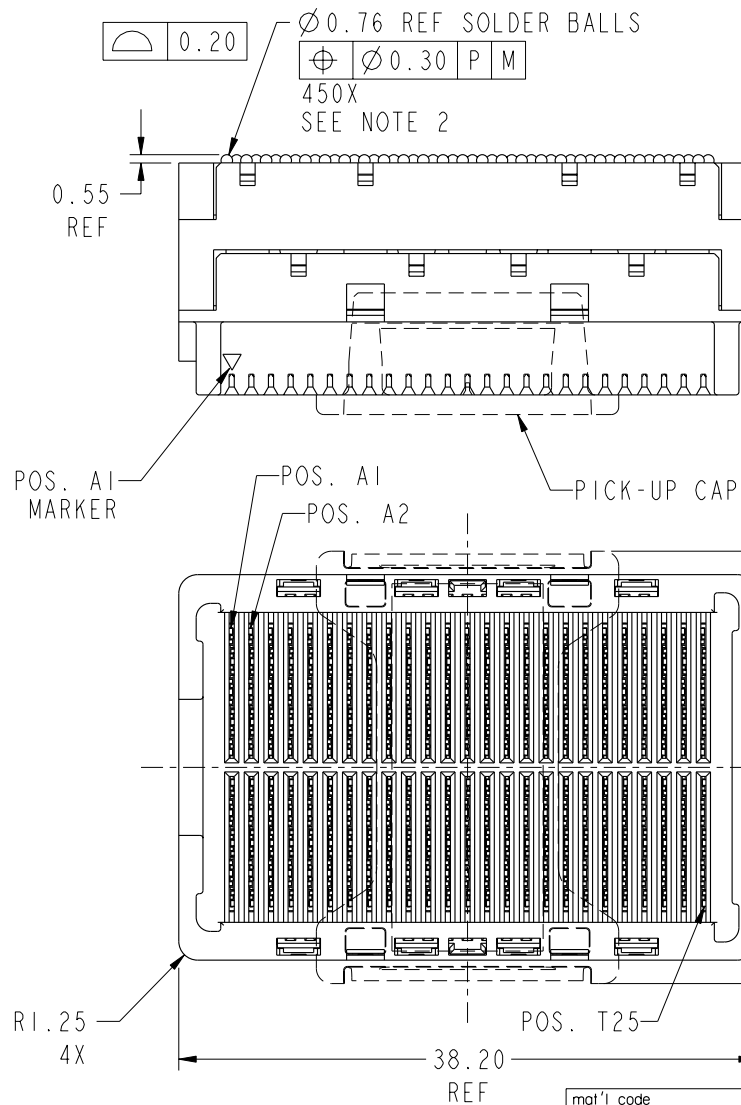



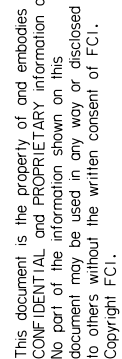
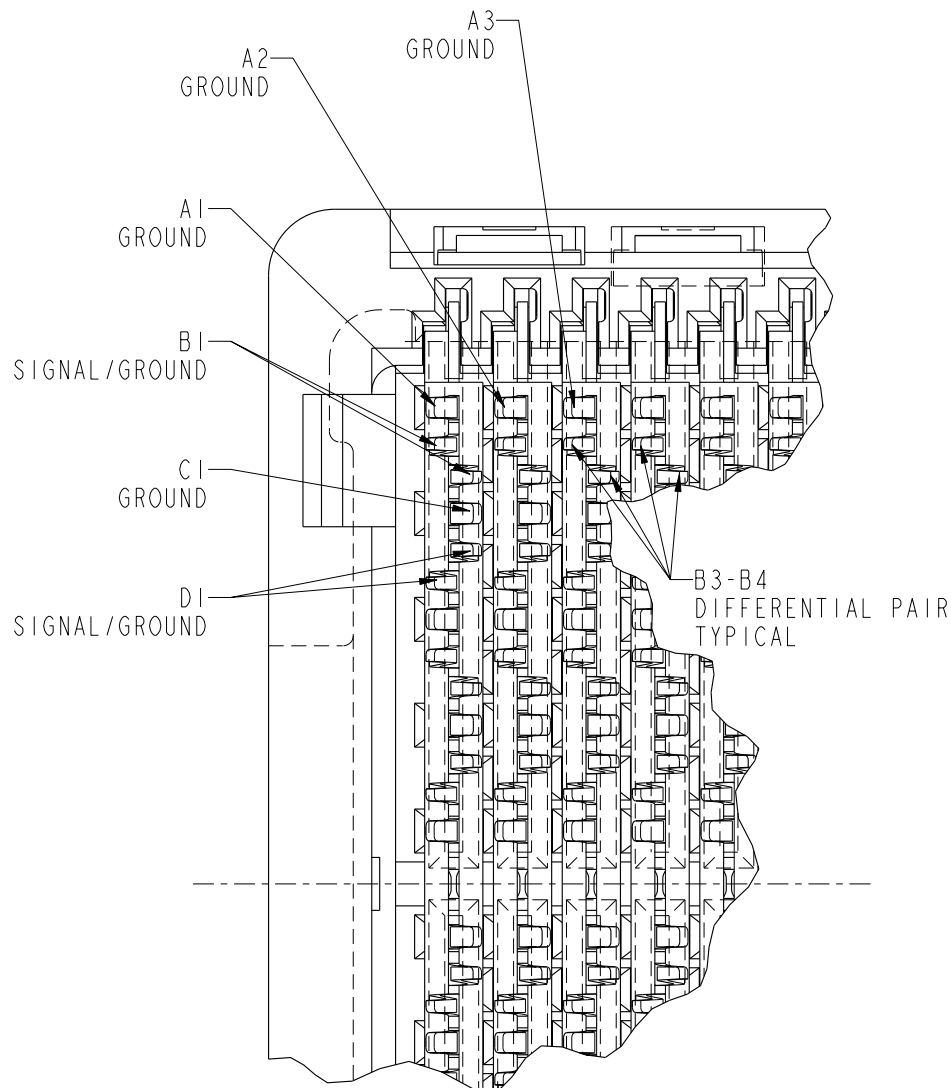


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mat'l code				SEE NOTE 1				tolerances unless otherwise specified				CUSTOMER				 www.fciconnect.com						
ltr		ecn no.		dr		date		linear	0.X ±0.3				COPY				title GIG-Array 11mm RECP. ASSY. 200 SIG. POS.					
A		V07-0606		LP		2007/09/19			0.XX ±0.10				projection									
									0.XXX ±0.050													
								angles	0° ±2°								product family GIG-Array				code	
								dr	L.POTTEIGER 2007/08/15				MM				size		dwg no		213	
								engr	D.HARPER 2007/08/15				scale				A		10081496		sheet	
								chr	D.HARPER 2007/09/19				2:1								1 of 4	
								appd	D.HARPER 2007/09/19													
sheet index		revision sheet		A 1		A 2		A 3		A 4												


[illegible]



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 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,
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				 www.fciconnect.com							
ltr		ecn no.		dr		date		linear		COPY				title GIG-Array 11mm RECP. ASSY. 200 SIG. POS									
A										projection													
										angles													
										0.X ±0.3													
										0.XX ±0.10													
										0.XXX ±0.050													
										0° ±2°													
								dr		L.POTTEIGER 2007/08/15				product family GIG-Array				code					
								engr		D.HARPER 2007/08/15				size				dwg no		213			
								chr		D.HARPER 2007/09/19				scale				A		10081496		sheet	
								appd		D.HARPER 2007/09/19				7:1								3	
sheet index		revision sheet																					

cage code 22526

Pro/E

3

4

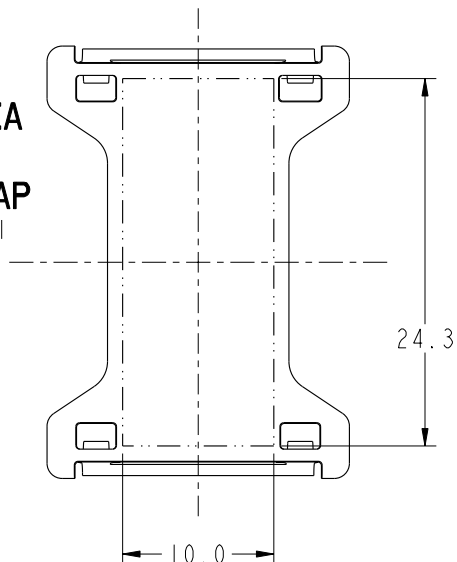
PDM: Rev:A

STATUS Released

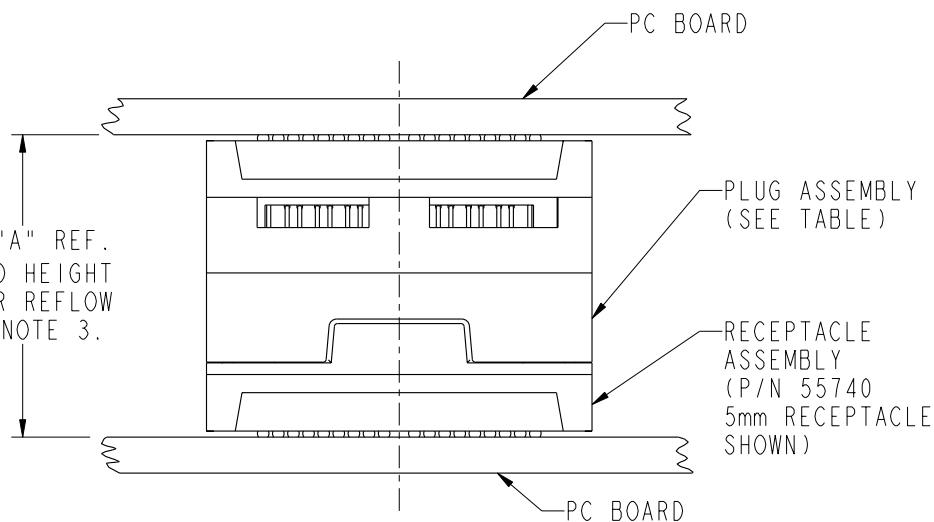
Printed: Oct 13, 2007

PRODUCT NUMBER	SOLDER BALL
10081496-001	SnPb
10081496-001LF	SnAgCu LEAD FREE ⑦⑧

FLAT AREA
FOR
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	55737
23	10026802
24	10055142
26	55738
31	55739
36	10054783

NOTES:

- 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. 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.
- ⑧ 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 POSTION.

PRELIMINARY

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 GIG-Array 11mm RECP. ASSY. 200 SIG. POS					
A									0.XX ±0.10				projection 									
									0.XXX ±0.050													
								angles	0° ±2°								product family GIG-Array				code	
								dr	L.POTTEIGER 2007/08/15				MM				size		dwg no		213	
								enrg	D.HARPER 2007/08/15				scale								sheet	
								chr	D.HARPER 2007/09/19				2:1				A		10081496		4	
								appd	D.HARPER 2007/09/19													
sheet index		revision sheet																				



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