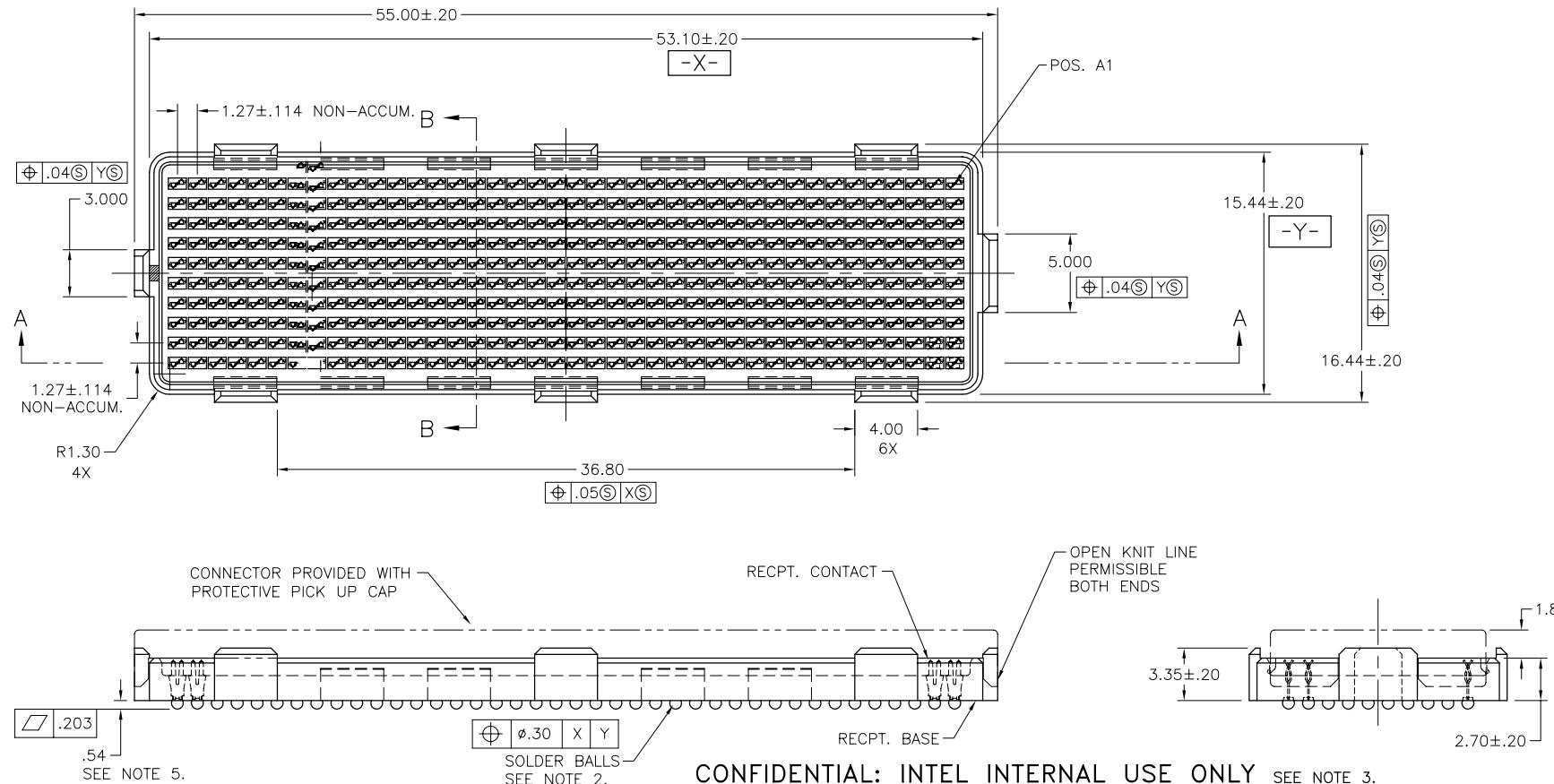


PRODUCT NO.	SOLDER BALL MATERIAL	CONTACT PLATING
74220-001	EUTECTIC SnPb	15-40 μ "/.38-1.02um Au
74220-001LF	SnAgCu LEAD FREE (6)(7)	OVER 30-120 μ "/.76-3.05um Ni



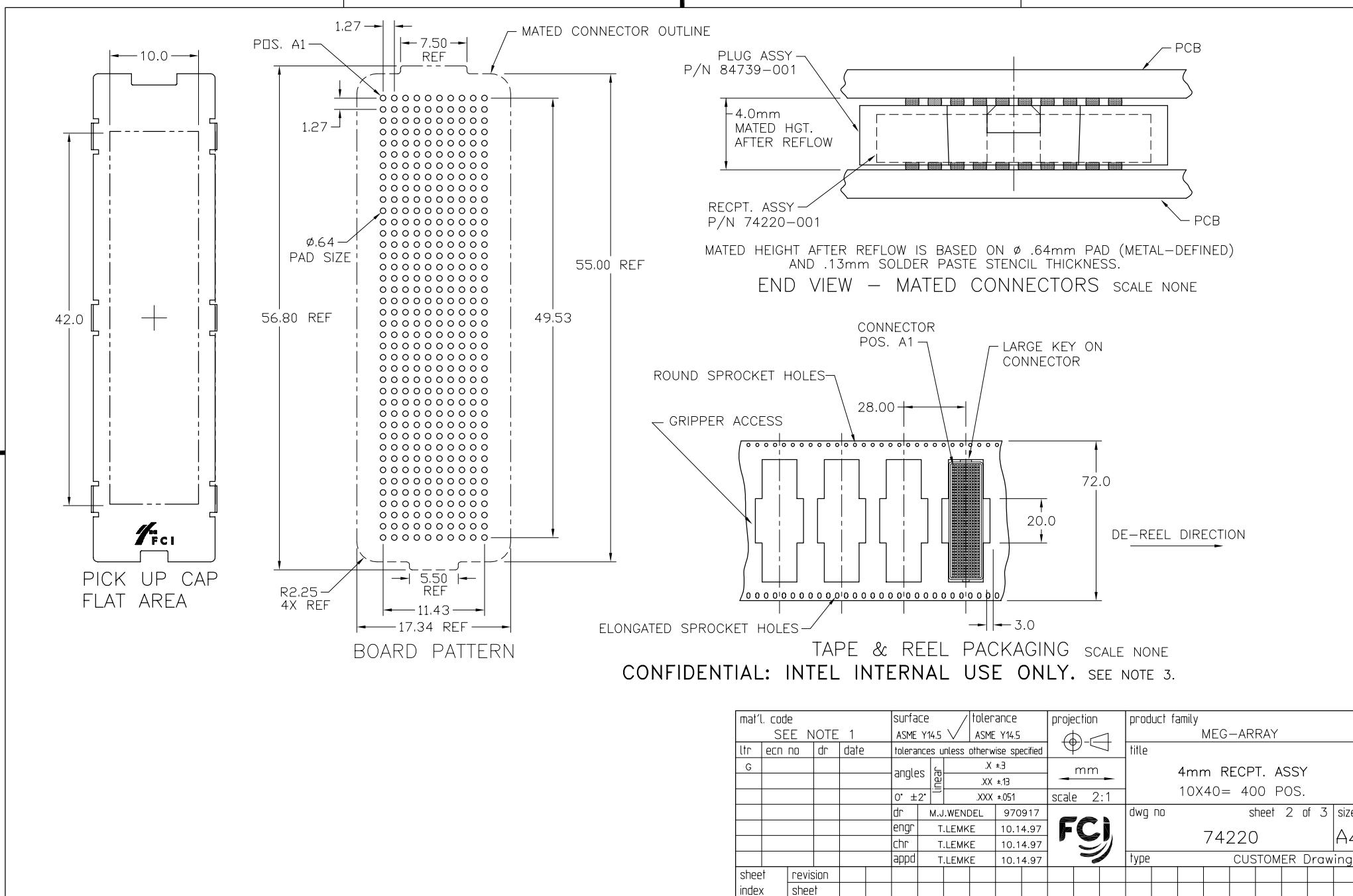
CONFIDENTIAL: INTEL INTERNAL USE ONLY SEE NOTE 3.

mat'l. code SEE NOTE 1			surface ASME Y14.5		tolerance ASME Y14.5		projection	product family
ltr	ecn no	dr	date		tolerances unless otherwise specified			MEG-ARRAY
A	V71483	DRW	10-14-97		X ±3			
B	V80713	DRW	4.17.98		XX ±18			
C	V81013	DRW	6.2.98	0° ±2°	XXX ±051		scale 3:1	
D	V00181	HJ	9.07.00	dr	M.J.WENDEL	970917		
E	V04-0940	VS	10/27/04	engr	T.LEMKE	10.14.97		
F	V05-1071	DAI	12/21/05	chr	T.LEMKE	10.14.97		
G	V06-0560	LP	2006/06/23	appd	T.LEMKE	10.14.97		
sheet	revision	G	G	G				
index	sheet	1	2	3				

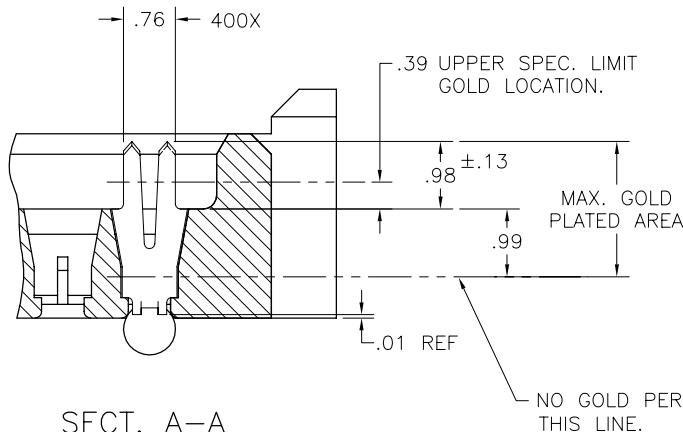
dwg no sheet 1 of 3 size
74220 A4

type CUSTOMER Drawing

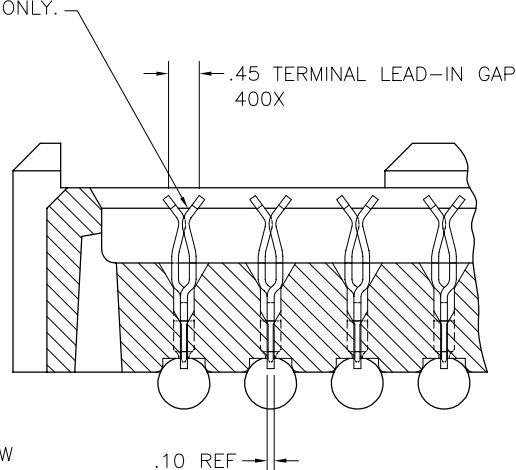
FCI



GOLD ON CONTACT SURFACES OF TERMINAL ONLY.



SECT. A-A

SECT. B-B
ROTATED 90° C.W.NOTES:(1) MAT'L:

HOUSING: LCP (GRADE PROPRIETARY).
CONTACT: BeCu/C17200.

PLATING:

CONTACT: 15-40 μ /.38-1.02um Au OVER 30-120 μ /.76-3.05um Ni.
SOLDER BALL: (SEE TABLE ON SHEET1)
EUTECTIC SnPb OR LEAD FREE
95.5Sn/4Ag/0.5Cu

- (2) SOLDER BALLS WILL NOT BE PERFECT SPHERICAL SHAPE DUE TO REFLOW ATTACHMENT. NOMINAL INITIAL SOLDER BALL Ø.76 (.030").
- (3) DRAWING NO. 74221 TO BE USED FOR INTEL CUSTOMERS (OEM).
- (4) REFER TO 07-747 INTEL PROCUREMENT SPEC.
- (5) SOLDER BALL HEIGHT TOLERANCE PENDING FINAL AGREEMENT.

(6) FOR PROPER APPLICATION FOLLOW FCI APPLICATION SPECIFICATION CS-20-033 LEAD FREE SOLDER BALLS WILL NOT SOLDER PROPERLY IN A LEADED SOLDER PROCESS DUE TO A HIGHER REFLOW TEMPERATURE. LEAD FREE PRODUCT IS THEREFORE NOT BACKWARDS COMPATIBLE WITH LEADED OR SOME SOLDERING APPLICATIONS. REFERENCE FCI APPLICATION SPECIFICATION

(7) THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008 PRODUCT MEETING THIS DIRECTIVE IS IDENTIFIED IN THE LOT CODE NUMBER MARKED ON EACH PART BY HAVING AN "X" IN THE SEVENTH CHARACTER POSITION

CONFIDENTIAL: INTEL INTERNAL USE ONLY SEE NOTE 3.

mat'l. code SEE NOTE 1			surface ASME Y14.5 ✓ ASME Y14.5		tolerance	projection	product family MEG-ARRAY		
ltr	ecn no	dr	date	tolerances unless otherwise specified			title 4mm RECPT ASSY 10X40= 400 POS.		
G				angles	X +3				
				dr	XX +18				
				o° ±2°	XXX +051	scale 10:1			
				dr	M.J.WENDEL 971013				
				engr	T.LEMKE 10.14.97				
				chr	T.LEMKE 10.14.97				
				appd	T.LEMKE 10.14.97				
sheet index		revision sheet							
FCI									
dwg no 74220									
sheet 3 of 3 A4									
type CUSTOMER Drawing									

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[FCI / Amphenol:](#)

[74220-001](#) [74220-001LF](#)