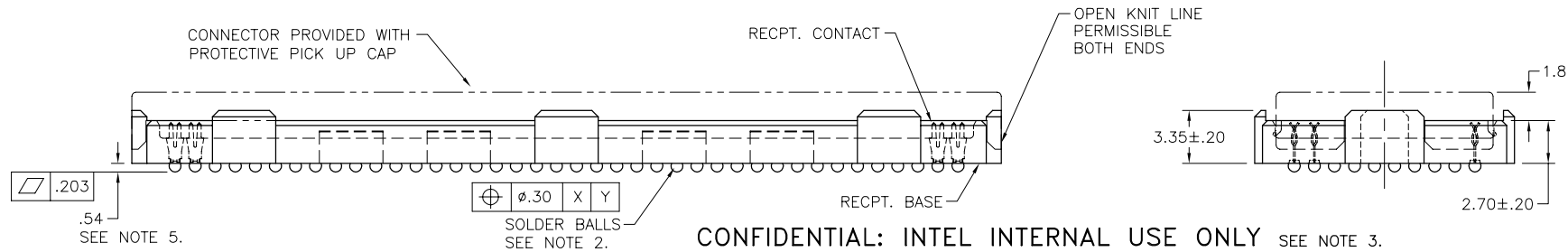
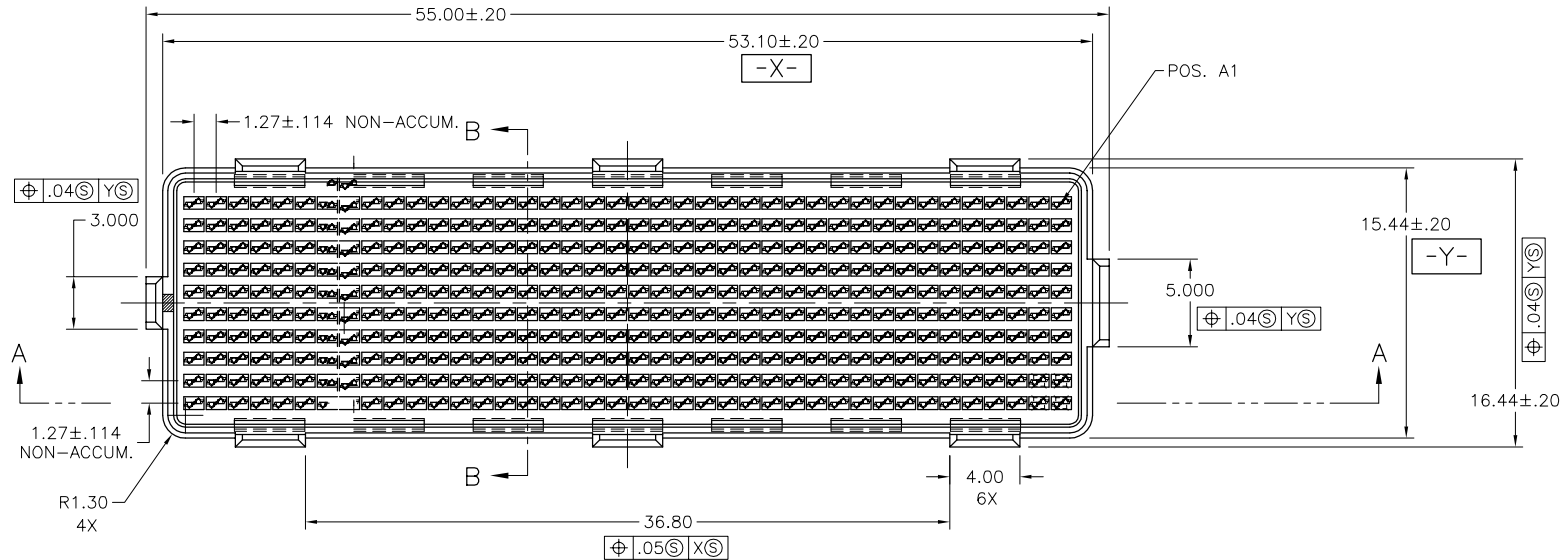
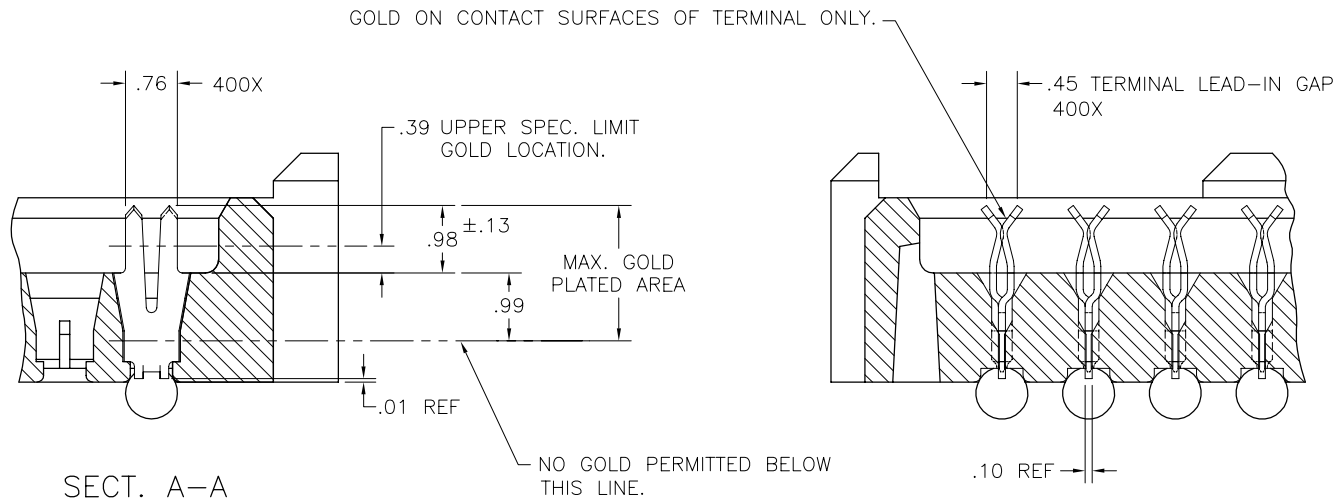


PRODUCT NO.	SOLDER BALL MATERIAL	CONTACT PLATING
74220-001	EUTECTIC SnPb	15-40u"/.38-1.02um Au
74220-001LF	SnAgCu LEAD FREE (6)(7)	OVER 30-120u"/.76-3.05um Ni



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	ec'n no	dr	date	tolerances unless otherwise specified		mm	MEG-ARRAY
A	v71483	DRW	10-14-97	angles	X *3	scale 3:1	4mm RECT. ASSY 10X40= 400 POS.
B	v80713	DRW	4.17.98	flatness	XX *13		
C	v81013	DRW	6.2.98	0° ±2'	XXX *051		
D	v00181	HLJ	9.07.00	dr	M.J.WENDEL 970917		sheet 1 of 3
E	v04-0940	VS	10/27/04	engr	T.LEMKE 10.14.97		size
F	v05-1071	DAI	12/21/05	chr	T.LEMKE 10.14.97		A4
G	v06-0560	LP	2006/06/23	appd	T.LEMKE 10.14.97		type
							CUSTOMER Drawing
sheet index	revision sheet	G	G	G			
		1	2	3			



SECT. A-A

SECT. B-B
ROTATED 90° C.W.

NOTES:

①. **MAT'L:**

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

PLATING:

CONTACT: 15-40u"/.38-1.02um Au OVER 30-120u"/.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 ϕ .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 GS-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 ✓		tolerance ASME Y14.5		projection ⊕		product family MEG-ARRAY	
ltr	ecr no	dr	date	tolerances unless otherwise specified					
g				angles	X ±3		mm		title 4mm RECPT ASSY 10X40= 400 POS.
				0° ±2'	XX ±.13		scale 10:1		
		dr	M.J.WENDEL	971013	XXX +.051		FCI		dwg no
		enr	T.LEMKE	10.14.97					sheet 3 of 3
		chr	T.LEMKE	10.14.97					74220
		appd	T.LEMKE	10.14.97					size A4
sheet	revision								type CUSTOMER Drawing
index	sheet								