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Technical drawing of a 16K16 memory module, showing top, side, and detail views with dimensions and callouts.

**Top View Dimensions:**

- Overall length:  $55.00 \pm .20$
- Internal length:  $53.10 \pm .20$
- Width:  $15.44 \pm .20$
- Bottom width:  $16.44 \pm .20$
- Internal width:  $3.000$
- Connector width:  $1.27 \pm .114$  NON-ACCUM.
- Internal width:  $1.27 \pm .114$  NON-ACCUM.
- Internal width:  $3.680$
- Internal width:  $4.00$  6X




**Side View Dimensions:**

- Overall height:  $1.8$
- Internal height:  $3.35 \pm .20$
- Internal height:  $2.70 \pm .20$

**Callouts and Notes:**

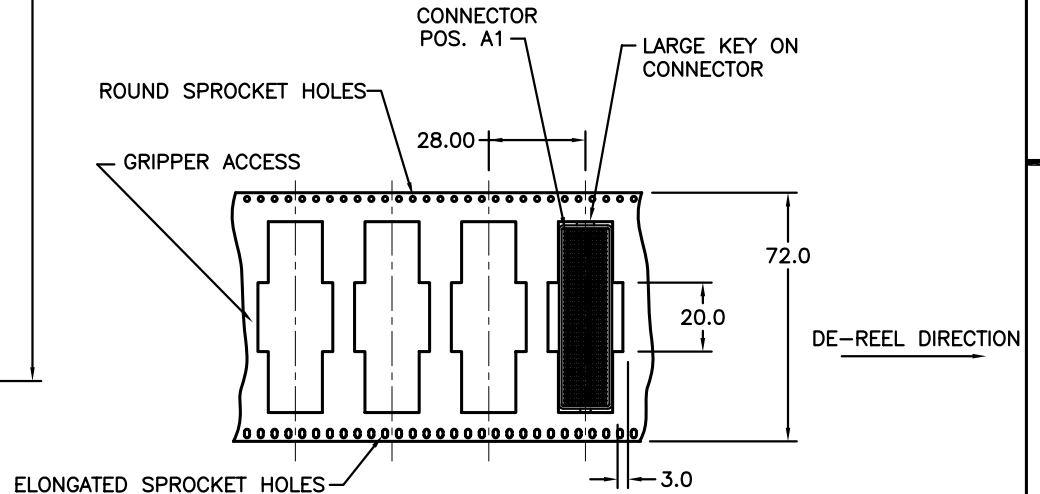
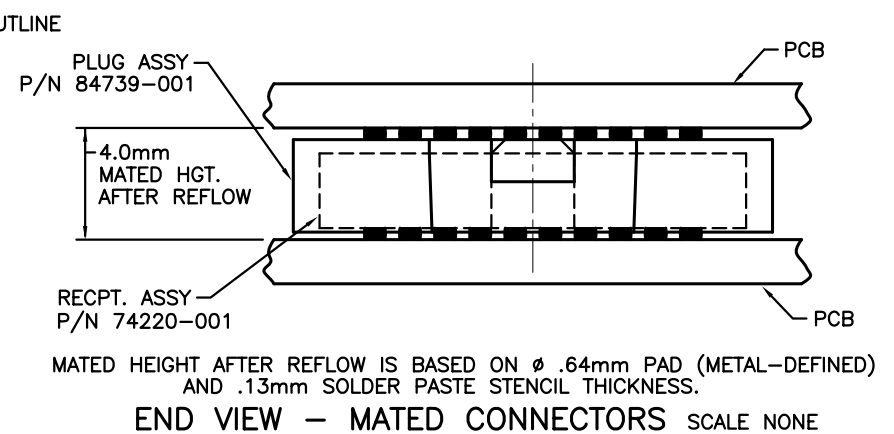
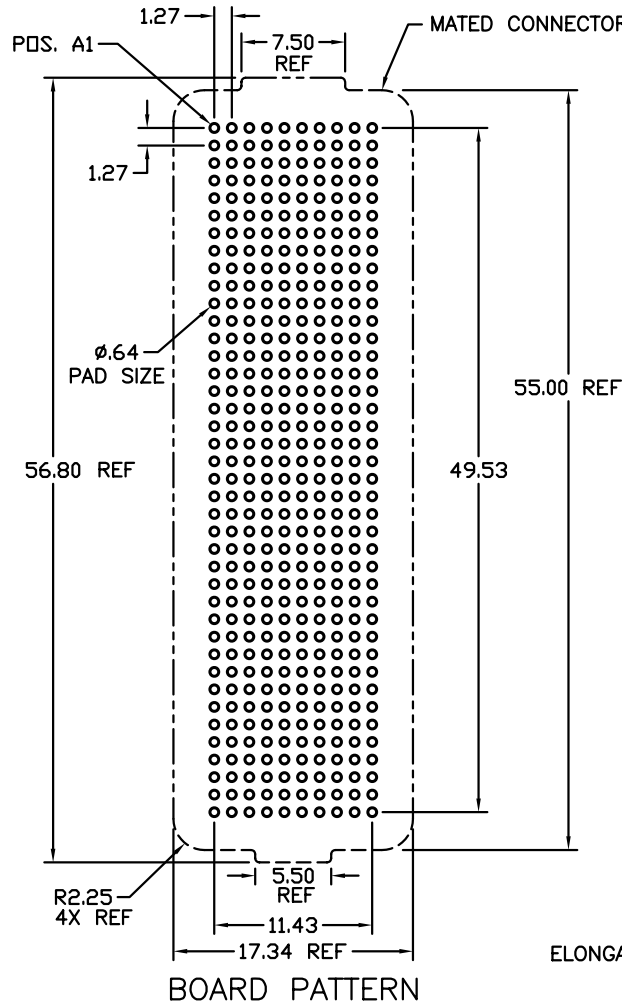
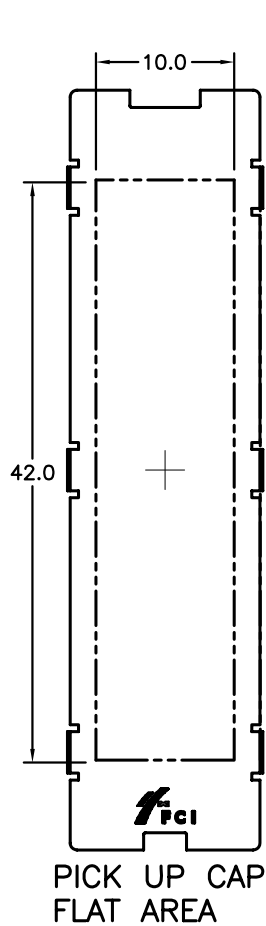
- POS. A1
- CONNECTOR PROVIDED WITH PROTECTIVE PICK UP CAP
- RECPT. CONTACT
- RECPT. BASE
- OPEN KNIT LINE PERMISSIBLE BOTH ENDS
- SOLDER BALLS SEE NOTE 2.
- SEE NOTE 5.
- SEE NOTE 3.

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mat'l. code SEE NOTE 1				tolerances unless otherwise specified				CUSTOMER COPY		 <b>Electronics</b> <a href="http://www.fciconnect.com">www.fciconnect.com</a>	
ltr	ecn no	dr	date	linear	.X ±.3				projection 	title <b>4mm RECPT. ASSY</b> <b>10X40= 400 POS.</b>	
A	V71483	DRW	0-14-97		.XX ±.13						
B	V80713	DRW	4.17.98		.XXX ±.051						
C	V81013	DRW	6.2.98	angles	0° ±2°				 scale <b>3:1</b>	product family <b>MEG-ARRAY</b> size dwg no <b>A4 74220</b> sheet 1 of 3	
D	V00181	HLJ	9.07.00	dr	M.J.WENDEL	970917					
E	V04-0940	VS	10/27/04	enrg	T.LEMKE	10.14.97					
F	V05-1071	DAI	12/21/05	chr	T.LEMKE	10.14.97					
				appd	T.LEMKE	10.14.97					
sheet index	revision sheet	F 1	F 2	F 3							

	cage code	22526
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Printed: Dec 29, 2005



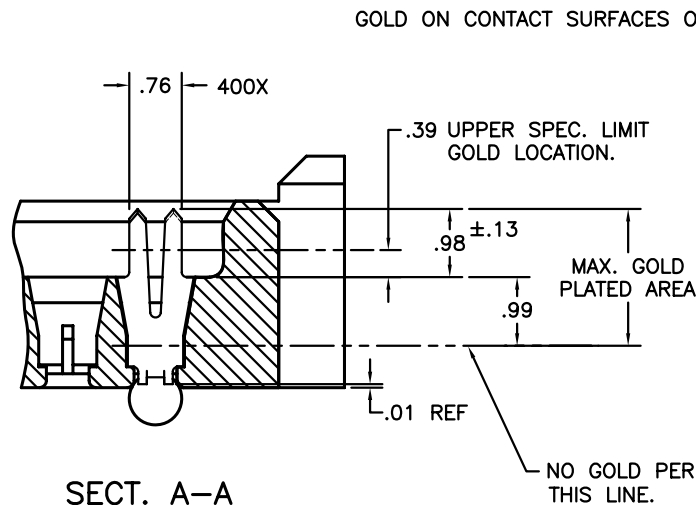
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ltr	ecr no	dr	date				title	product family	code
F				linear	.X ±.3	projection	4mm RECPT. ASSY 10X40= 400 POS.	MEG-ARRAY	213
					.XX ±.13			size	sheet
				angles	.XXX ±.051			dwg no	2 of 3
					0° ±2°				
				dr	M.J.WENDEL 970917	mm			
				enr	T.LEMKE 10.14.97	scale			
				chr	T.LEMKE 10.14.97	2:1			
				appd	T.LEMKE 10.14.97				
sheet	revision								
index	sheet								

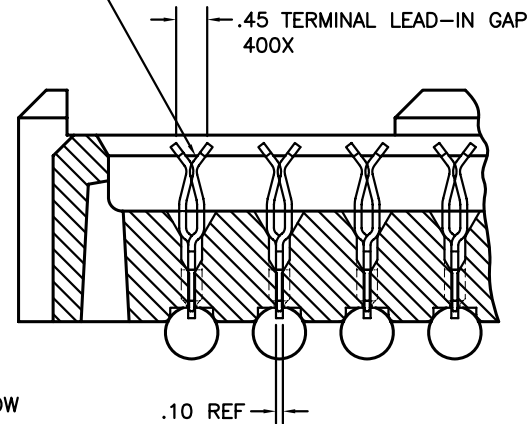
1 | 2

3

4



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 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 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**

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ltr	ecn no	dr	date	linear	.X ±.3			projection 	title 4mm RECPT ASSY 10X40= 400 POS.	product family MEG-ARRAY	code 213
F					.XX ±.13						
					.XXX ±.051						
				angles	0° ±2°				size dwg no A4 74220	sheet 3 of 3	
				dr	M.J.WENDEL	971013					
				engr	T.LEMKE	10.14.97					
				chr	T.LEMKE	10.14.97					
				appd	T.LEMKE	10.14.97	scale 10:1				
sheet index	revision sheet										

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ACAD

PDM: Rev:F

STATUS: Released

Printed: Dec 29, 2005

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