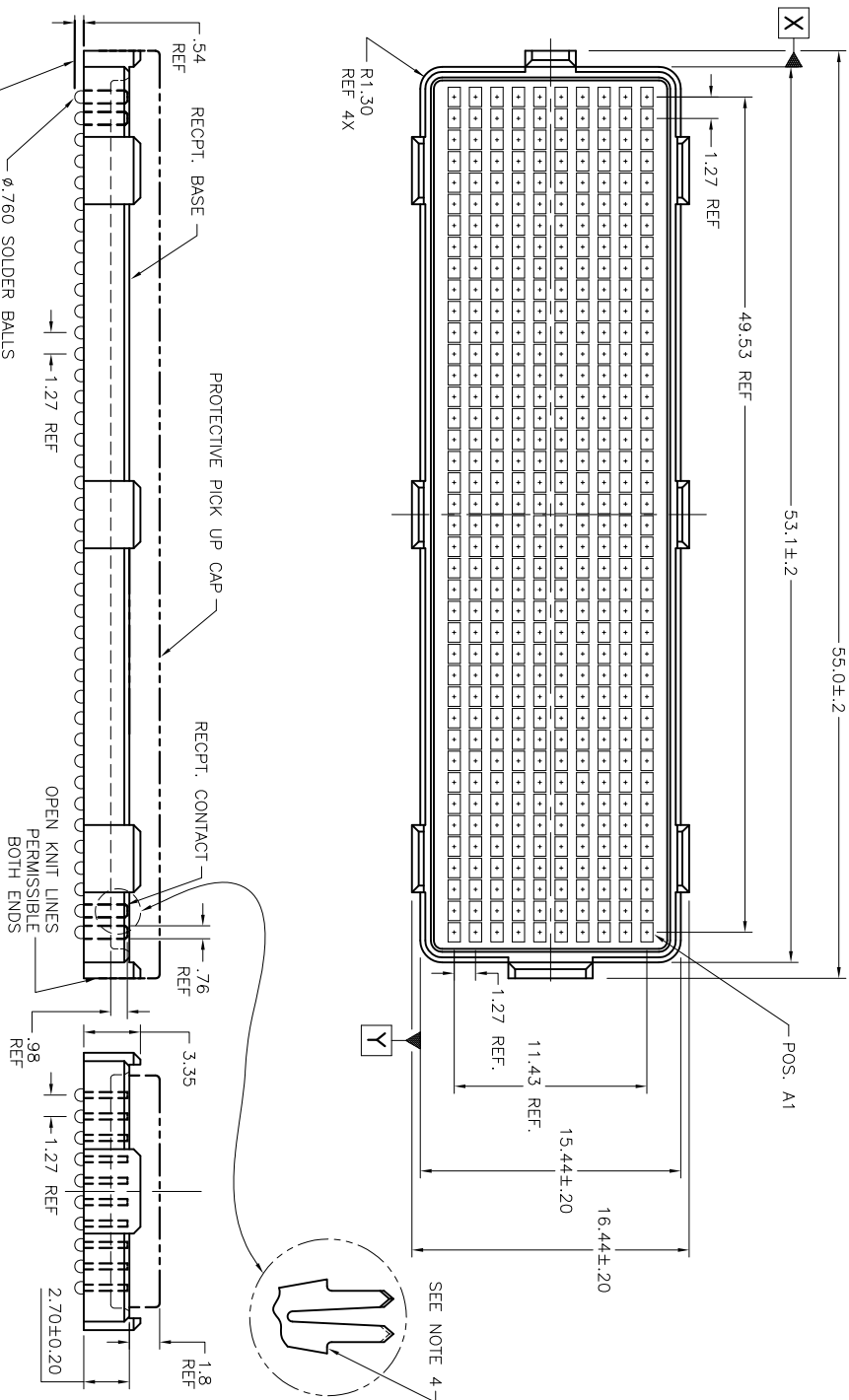


PRODUCT NUMBER
SEE TABLE-SHEET 3

1 2

3

4



NOTE 2.
Ø .760 SOLDER BALLS
Ø .30 X Y

SEE NOTE 4

mat'l. code		surface		tolerance		projection		product family	
litr	ecm no.	dfr	date	ASPE Y14.5	ASPE Y14.5	ASPE Y14.5	ASPE Y14.5	MEG-ARRAY	title
N	V06-0560	LP	2006-07-08	angles	XXX.13	XXX.13	XXX.13	4mm	4mm RECEPTACLE ASSEMBLY
P	V-004083	HTB	2010-06-13	or ±2	XXX.051	XXX.051	XXX.051	10 X 40	= 400 POSITIONS
R	V012300	DOH	2012-06-11	D. WUJCHEN	1997-11-26	1997-11-26	1997-11-26	Scale: 3:1	
S	V-13457	DOH	2012-11-15	DT	T. LEMKE	1997-11-26	1997-11-26		
T	V-22253	RWB	2015-10-20	DT	T. LEMKE	1997-11-26	1997-11-26		
M	V05-1071	DAI	2005-12-21	DDJ	T. LEMKE	1997-11-26	1997-11-26		
Sheet	revision	T	T	T	T				
Index	Sheet	1	2	3	4				

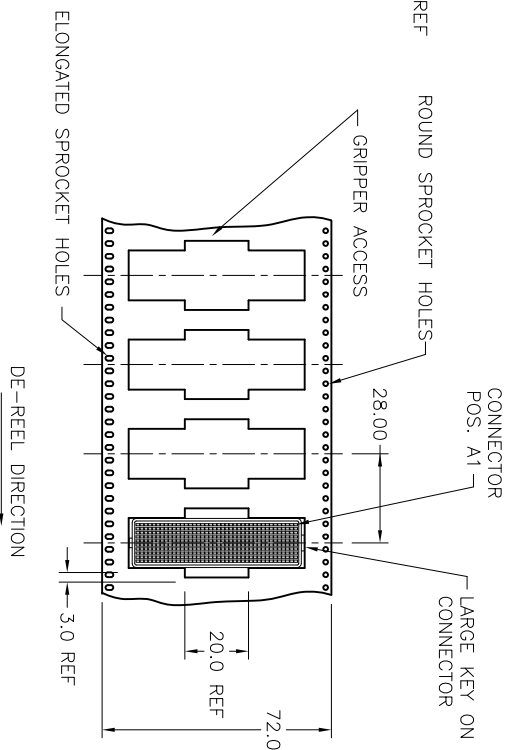
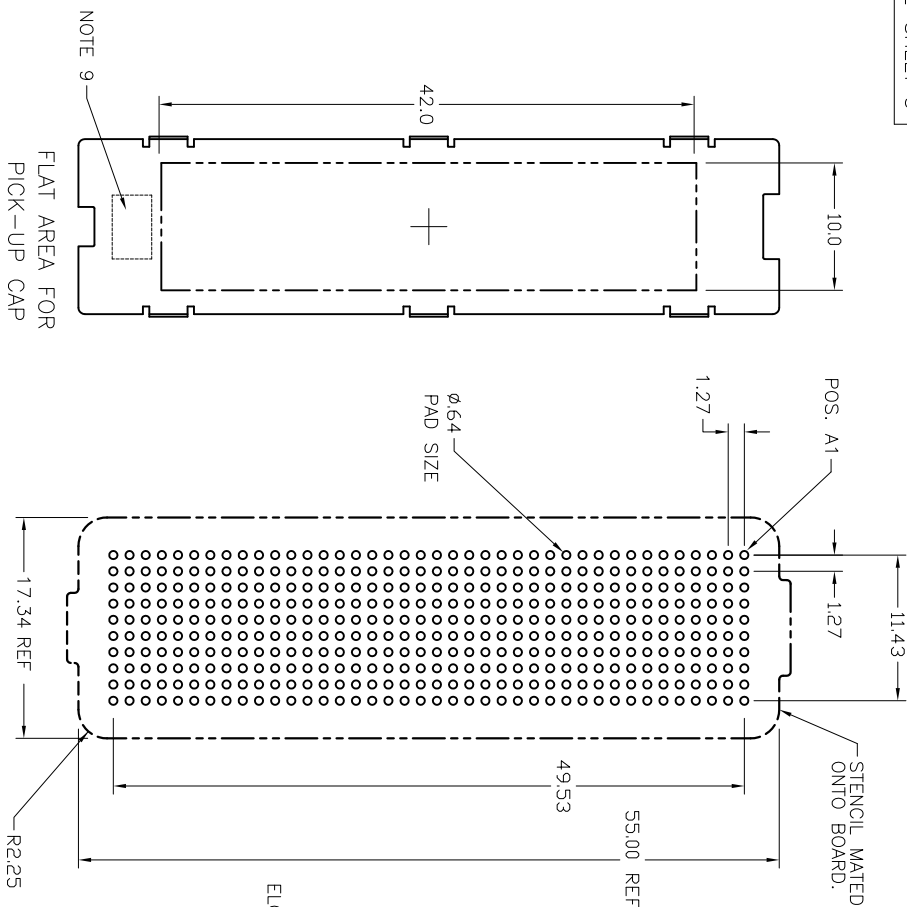


FCI
CUSTOMER Drawing

74221

A4

PRODUCT NUMBER
SEE TABLE-SHEET 3



TAPE & REEL PACKAGING SCALE NONE
PER EIA 481-3

mat'l. code		SEE NOTE 1		surface		tolerance		projection		product family	
lbr	ecm no	dr	date	ASPE Y14.5	ASPE Y14.5	ASPE Y14.5	ASPE Y14.5	ASPE Y14.5	ASPE Y14.5	MEG-ARRAY	title
T				angles	3x3	3x3	3x3	3x3	3x3	4mm RECEPTACLE ASSEMBLY	10 x 40 = 400 POSITIONS
				dr	D. WAUGHEN	1997-11-26	1997-11-26	1997-11-26	1997-11-26	Scale: 2:1	dwg no
				dr	T. LEMKE	1997-11-26	1997-11-26	1997-11-26	1997-11-26		sheet 2 of 4
				dr	T. LEMKE	1997-11-26	1997-11-26	1997-11-26	1997-11-26		size
				dr	T. LEMKE	1997-11-26	1997-11-26	1997-11-26	1997-11-26		A4
sheet	revision									FCI	type
index	sheet									CUSTOMER Drawing	



Copyright FCI



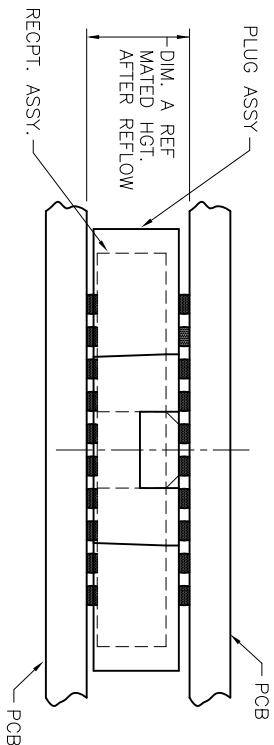
FCIconnect.com

3

4

PRODUCT NUMBER	PICK-UP CAP	CONTACT PLATING	SOLDER BALL	NOTES
74221-001	YES	15µ" (.38µm) Au	SnPb	
74221-001LF	YES		SnAgCu LEAD FREE	7
74221-091	YES	15µ" (.38µm) GXT	SnPb	
74221-091LF	YES		SnAgCu LEAD FREE	7
74221-101	YES	30µ" (.76µm) Au	SnPb	
74221-101LF	YES		SnAgCu LEAD FREE	7
74221-191	YES	30µ" (.76µm) GXT	SnPb	
74221-191LF	YES		SnAgCu LEAD FREE	7
74221-201	YES	Au SPECIAL	SnPb	5
74221-201LF	YES		SnAgCu LEAD FREE	5 AND 7
74221-291	YES	GXT SPECIAL	SnPb	5
74221-291LF	YES		SnAgCu LEAD FREE	5 AND 7
74221-A01	YES	30µ" (.76µm) Au SPECIAL	SnPb	8
74221-A01LF	YES		SnAgCu LEAD FREE	8 AND 7
74221-301	YES	15µ" (.38µm) SPECIAL	SnPb	8
74221-301LF	YES	15µ" (.38µm) SPECIAL	SnAgCu LEAD FREE	7 AND 8
74221-401	YES	30µ" (.76µm) SPECIAL	SnPb	8
74221-401LF	YES	30µ" (.76µm) SPECIAL	SnAgCu LEAD FREE	7 AND 8
74221-501	YES	SPECIAL	SnPb	5 AND 8
74221-501LF	YES	SPECIAL	SnAgCu LEAD FREE	5, 7, 8

A



MATED HEIGHT TABLE			
DIM. A	PLUG ASSY P/N	RECEPT. ASSY P/N	
4.0	84740	74221	
10.0	84520	74221	

MATED HEIGHT AFTER REFLOW IS BASED ON Ø .064mm PAD (METAL-DEFINED) AND .13mm SOLDER PASTE STENCIL THICKNESS. SEE NOTE 3.
END VIEW - MATED CONNECTORS SCALE NONE

B

Item: ArrayMLC

1

2

3

4

mat'l. code		SEE NOTE 1		surface		tolerance		projection		product family	
lbr	ecn no	dfr	date	ASPC Y14.5	ASPC Y14.5	ASPC Y14.5	ASPC Y14.5	ASPC Y14.5	ASPC Y14.5	MEG-ARRAY	
T				angles	3x3	3x3	3x3	3x3	3x3	4mm RECEPTACLE ASSEMBLY	
				or ±2°	XXX.051	XXX.051	XXX.051	XXX.051	XXX.051	10 x 40 = 400 POSITIONS	
				dfr	D. WUOCHEN	1997-11-26	1997-11-26	1997-11-26	1997-11-26	74221	Sheet 3 of 4
				engr	T. LEMKE	1997-11-26	1997-11-26	1997-11-26	1997-11-26	74221	size
				cltr	T. LEMKE	1997-11-26	1997-11-26	1997-11-26	1997-11-26	74221	A4
				apdd	T. LEMKE	1997-11-26	1997-11-26	1997-11-26	1997-11-26	74221	
sheet	revision									CUSTOMER Drawing	
index	sheet										

B

A



PRODUCT NUMBER
SEE TABLE--SHEET 3

NOTES:

1.) MATERIAL:

HOUSING: LCP, MEETS UL94 V-0 OR BETTER.
CONTACT: COPPER ALLOY

PLATING

CONTACT: (SEE TABLE ON SHEET 3)
SOLDER BALL: (SEE TABLE ON SHEET 3)
EUTECTIC SnPb OR LEAD FREE
95.5Sn/4Ag/0.5Cu

2. SOLDER BALLS WILL NOT BE PERFECT SPHERICAL SHAPE DUE TO REFLOW ATTACHMENT.
3. MATED HEIGHT EFFECTED BY CUSTOMER'S PCB PAD SIZE, PLATING, SOLDER REFLOW PROFILE, & SOLDER PASTE.
4. NO TIN\LEAD OR FLUX ABOVE TERMINAL SHOULDER.
5. PLATING FOR -2XX SERIES DASH NOS. MEETS THE REQUIREMENTS OF GR-1217-CORE, CENTRAL OFFICE ENVIRONMENT, (25 YEAR LIFE EXPECTANCY). THE

7. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004 PRODUCT MEETING THIS DIRECTIVE IS IDENTIFIED IN THE LOT CODE NUMBER MARKED ON EACH PART BY HAVING AN "X" IN THE SEVENTH CHARACTER POSITION.
8. 74221-A01, -A01LF, HAVE CUSTOMER SPECIAL PLATING.
9. CURRENT COMPANY LOGO TO BE VISIBLE IN APPROXIMATE AREA SHOWN.

10. A TRIANGLE SYMBOL WILL BE NEXT TO ANY DIMENSION, NEW VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CUURENT DRAWING REVISION.

11. -301, -301LF, -401, -401LF, -501, -501LF ARE OBSOLETE

mat'l code		surface		tolerance		projection		product family	
SEE NOTE 1		ASME Y4.5 ✓		ASME Y4.5				MEG-ARRAY	
lth	ecrn no	dr	date	tolerances unless otherwise specified				title	
				X-3		MM		4mm RECEPTACLE ASSEMBLY	
				X-X/3				10 x 40 = 400 POSITIONS	
				X-X/3				dwg no	
				X-X/3				sheet 4 of 4	
				X-X/3				size	
				X-X/3				A4	
				X-X/3				type	
				X-X/3				CUSTOMER Drawing	
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