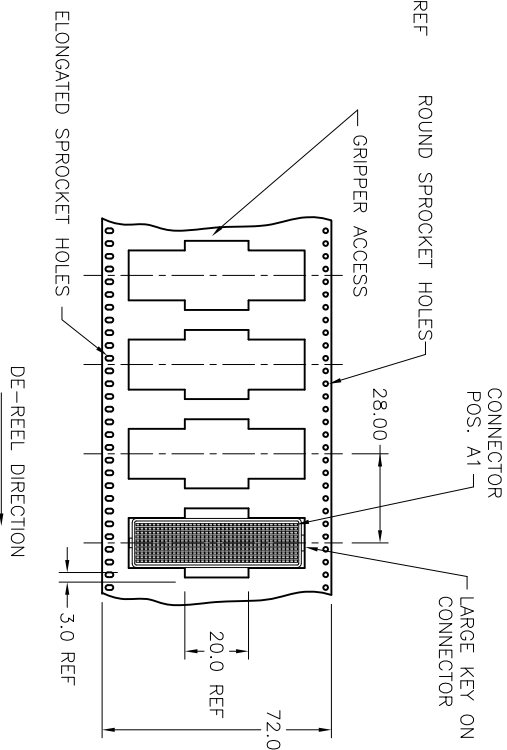
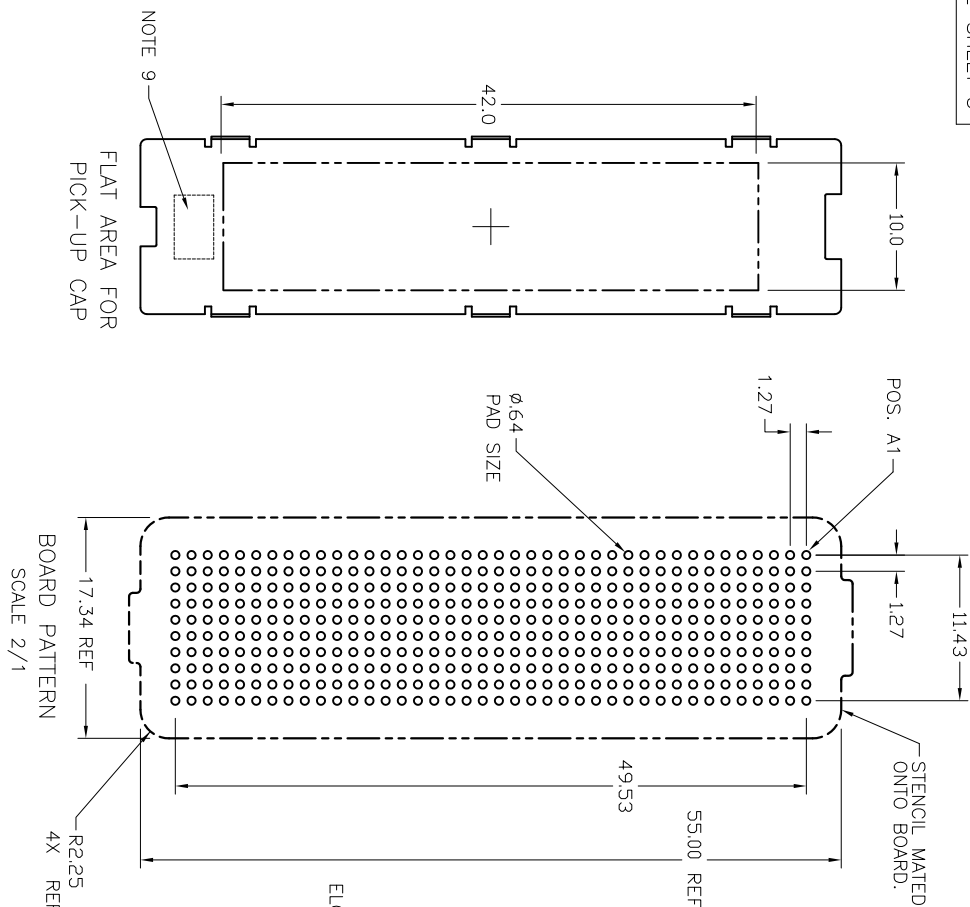




TAPE & REEL PACKAGING SCALE NONE
PER EIA 481-3

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 angles $0^\circ \pm .2^\circ$		 MM scale 2:1		title 4mm RECEPTACLE ASSEMBLY 10 x 40 = 400 POSITIONS	
T				.Xx+.3 .Xx+.B .XXX+.051				dwg no 74221	
dr				D. WAUGHEN 1997-11-26				sheet 2 of 4 CUSTOMER Drawing	
dr				EJUNG T. LEMKE 1997-11-26				size A4	
dr				CHN T. LEMKE 1997-11-26					
dr				apnd T. LEMKE 1997-11-26					
revision									
index	sheet								



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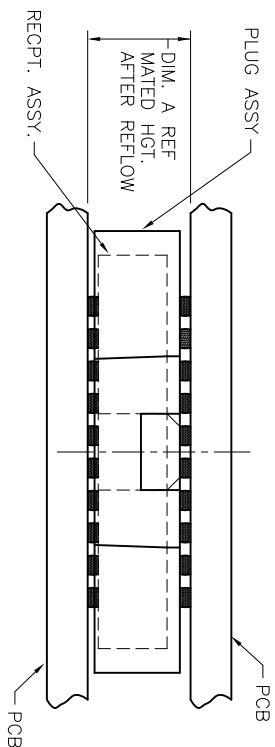
FCIconnect.com

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

form: ArrayMLC

1

2

3

4

mat'l. code		SEE NOTE 1		surface		tolerance		projection		product family	
lbr	ecn no	dfr	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. WUJCHEN	1997-11-26	1997-11-26	1997-11-26	1997-11-26	FCI	74221
				engr	T. LEMKE	1997-11-26	1997-11-26	1997-11-26	1997-11-26	sheet 3 of 4	size
				cltr	T. LEMKE	1997-11-26	1997-11-26	1997-11-26	1997-11-26	A4	
				apdd	T. LEMKE	1997-11-26	1997-11-26	1997-11-26	1997-11-26	CUSTOMER Drawing	
sheet	revision										
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 CURRENT 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									
lfr		ecn no		dfr		date		tolerances unless otherwise specified		title									
								X=3		4mm RECEPTACLE ASSEMBLY									
						angles		XX+3		10 x 40 = 400 POSITIONS									
						T ± .21		XXX-051		dwg no 74221									
						D		I. BREWBAKER 2011-06-13											
						DR		D. HORCHLER 2011-06-13											
						CNR		D. HORCHLER 2011-06-13											
										CUSTOMER Drawing									
						APPD		D. HORCHLER 2011-06-13											
sheet index		revision																	
sheet		sheet																	