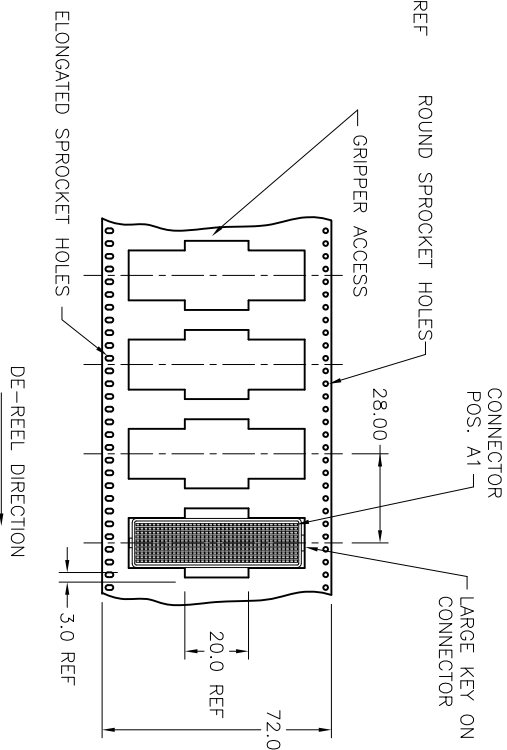
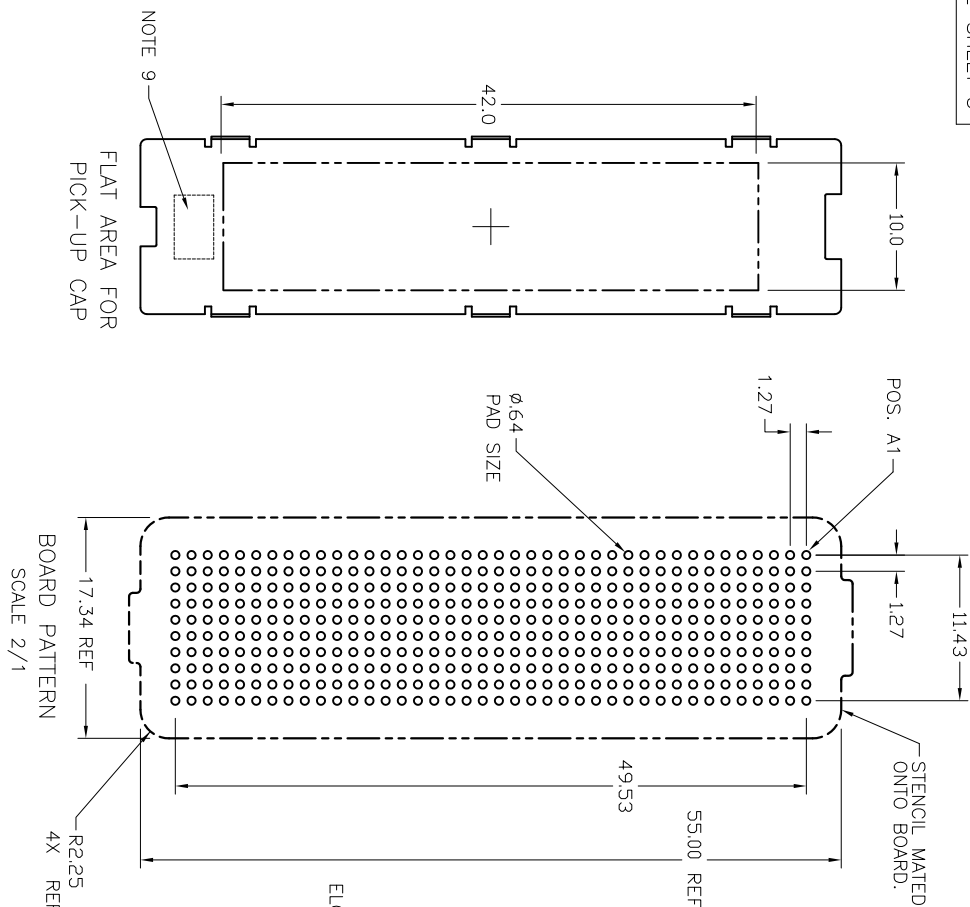




TAPE & REEL PACKAGING SCALE NONE
PER EIA 481-3

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+.3 .XXX+.051				dwg no 74221	
dr				D. WAUGHEN 7997-11-26				sheet 2 of 4 CUSTOMER Drawing	
dr				EJUNG T. LEMKE 7997-11-26				size A4	
dr				CHN T. LEMKE 7997-11-26					
dr				apnd T. LEMKE 7997-11-26					
sheet index	revision								
	sheet								



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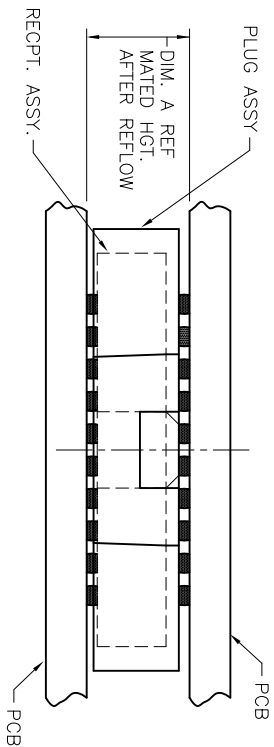
FCIconnect.com

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	dr	D. WUJCHEN	1997-11-26	1997-11-26
				dr	T. LEMKE	1997-11-26	1997-11-26	dr	T. LEMKE	1997-11-26	1997-11-26
				dr	T. LEMKE	1997-11-26	1997-11-26	dr	T. LEMKE	1997-11-26	1997-11-26
sheet	revision										
index	sheet										



dwg no 74221 sheet 3 of 4 size A4
CUSTOMER Drawing

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

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.

mat'l code		surface		tolerance		projection		product family	
SEE NOTE 1		ASME Y14.5 ✓		ASME Y14.5				MEG-ARRAY	
lth	ecrn no	dr	date	tolerances unless otherwise specified angles $\frac{1}{2}$ in $\frac{1}{2}$ in 0° ± 2° XXX-051		 MM scale 2:1		title 4mm RECEPTACLE ASSEMBLY 10 x 40 = 400 POSITIONS	
T				X-3 X-X+3 XXX-051				dwg no 74221	
				I. BREWBAKER 20th-06-13 D. HORCHLER 20th-06-13 D. HORCHLER 20th-06-13				sheet 4 of 4 size A4	
				D. HORCHLER 20th-06-13				CUSTOMER Drawing	
revision									
index	sheet								

- 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 CURREN'T DRAWING REVISION.

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