



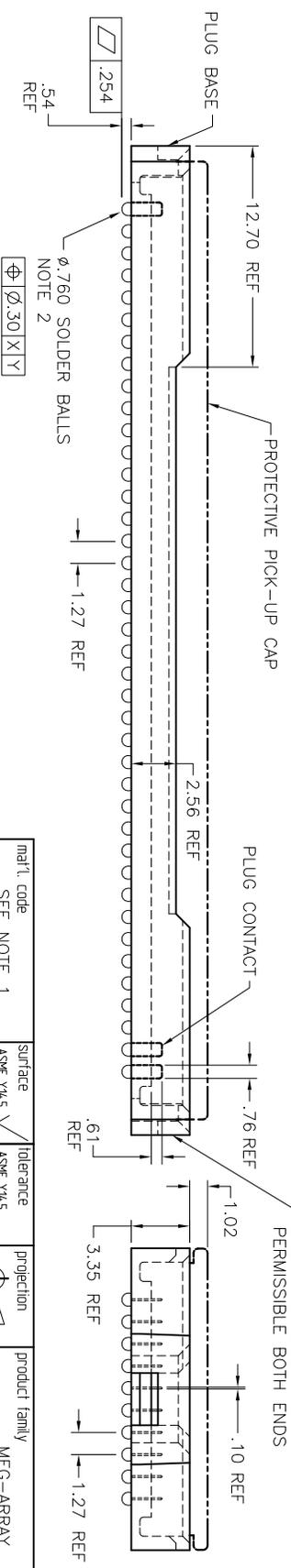
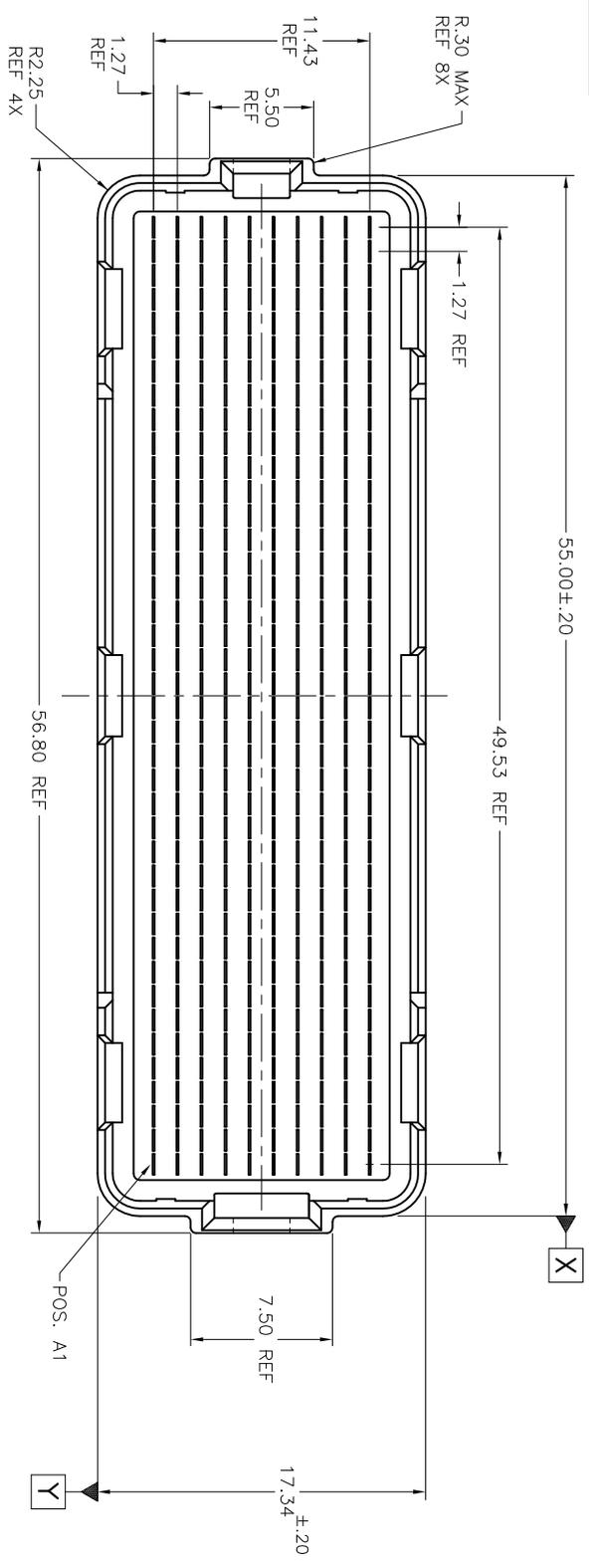
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PRODUCT NUMBER
SEE TABLE

1 | 2

3 |

4



Mat'l. code	SEE NOTE 1	date	surface	ASPE Y14.5	tolerance	ASPE Y14.5	projection	product family	MEG-ARRAY
lfr	ecm no.	dfr	date	ASPE Y14.5	tolerance	ASPE Y14.5	projection	product family	MEG-ARRAY
J	V06-0560	LP	2006-07-17	angles	XX *13	XX *13	Scale: 3:1	10 x 40 = 400 POSITIONS	
K	V-004092	HTB	2011-06-13	or ±2°	XXX *051				
L	V-013208	DCH	2012-06-12						
M	V-13455	DCH	2012-11-14	D.	WALUGHEN				
N	V-14654	DCH	2013-5-1	DR	M. HAHN				
H	V04-0940	VS	2004-10-18	3DD	M. HAHN				
Sheet	revision	N	N	N	N	N			
index	Sheet	1	2	3	4				

B

A

form: ArrmXLC

1

2

3

4

B

A



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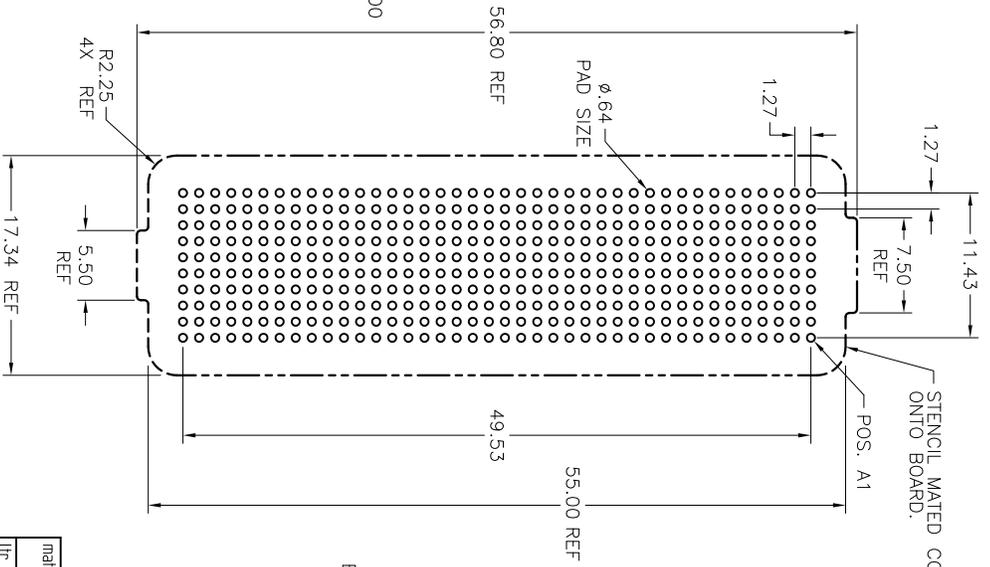
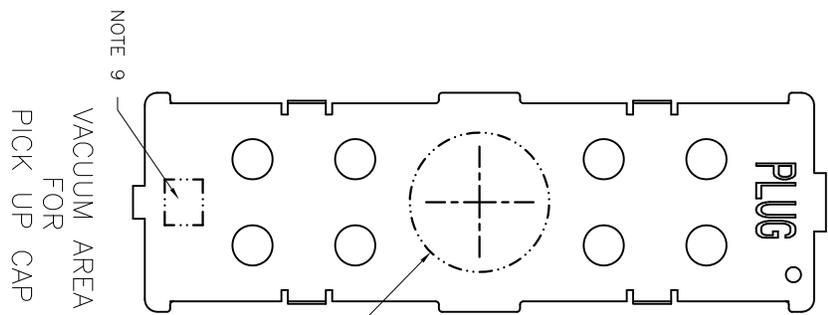
FCJconnect.com

PRODUCT NUMBER
SEE TABLE

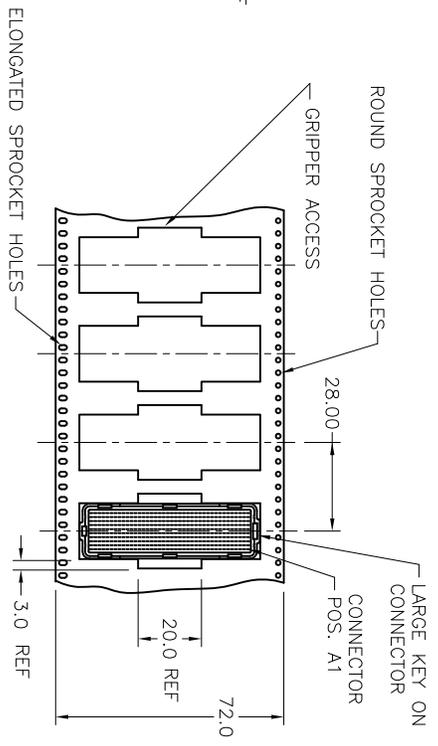
1 2

3 1

4



BOARD PATTERN
SCALE 2/1



TAPE & REEL PACKAGING SCALE NONE
PER EIA 481-3

mat'l. code	surface	tolerance	projection	product family
SEE NOTE 1	ASPC Y4,5	ASPC Y4,5		MEG-ARRAY
lfr	ecm no	dr	date	
N				
	angles	X *3		
	dr	XX *13		
	dr	XXX *051	Scale: 2:1	
	dr	D. WAUGHEN 1998-09-18		
	dr	M. HAHN 1998-09-18		
	dr	M. HAHN 1998-09-18		
	dr	M. HAHN 1998-09-18		
Sheet	revision			
Index	Sheet			
				FCJ
				product family
				title
				0mm PLUG ASSEMBLY
				10 x 40 = 400 POSITIONS
				Sheet 2 of 4
				size
				A4
				customer Drawing
				84740

form: A4mmXLC 1 2 3 4



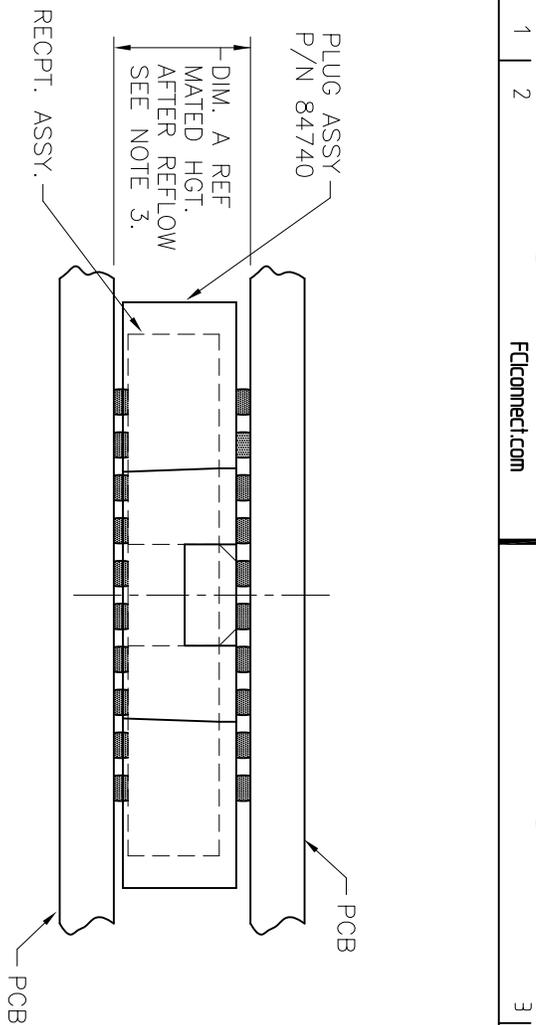
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PRODUCT NUMBER
SEE TABLE



MATED HEIGHT TABLE	
DIM. A	RECEPT. ASSY. P/N
4.0	74221
6.0	74388
8.0	74390

MATED HEIGHT AFTER REFLOW IS BASED ON ϕ .64mm PAD (METAL-DEFINED) AND .13mm SOLDER PASTE STENCIL THICKNESS. SEE NOTE 3.

END VIEW - MATED CONNECTORS SCALE NONE

mat'l. code	surface	tolerance	projection	product family
SEE NOTE 1	ASME Y14.5	ASME Y14.5		MEG-ARRAY
ltr	ecm no	dr	date	title
				0mm PLUG ASSEMBLY
	angles	X *3	mm	10 x 40 = 400 POSITIONS
		XX *13	Scale: 2:1	Sheet 3 of 4
	dr	D. WAUGHEN 1998-09-18		Size
	plgjr	M. HAHN 1998-09-18		A4
	cltr	M. HAHN 1998-09-18		CUSTOMER Drawing
	apdd	M. HAHN 1998-09-18		
Sheet	revision			
Index	Sheet			

form: A4mmX16

1

2

3

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B

A

B

A

PRODUCT NUMBER	PICK-UP CAP	CONTACT PLATING, SEE NOTE 10	SOLDER BALL	NOTES
84740-002	YES	15µ" (.38µm) Au	SnPb	
84740-002LF	YES	15µ" (.38µm) Au	SnAgCu LEAD FREE	7
84740-092	YES	15µ" (.38µm) GXT	SnPb	
84740-092LF	YES	15µ" (.38µm) GXT	SnAgCu LEAD FREE	7
84740-102	YES	30µ" (.76µm) Au	SnPb	
84740-102LF	YES	30µ" (.76µm) Au	SnAgCu LEAD FREE	7
84740-192	YES	30µ" (.76µm) GXT	SnPb	
84740-192LF	YES	30µ" (.76µm) GXT	SnAgCu LEAD FREE	7
84740-202	YES	Au SPECIAL	SnPb	4
84740-202LF	YES	Au SPECIAL	SnAgCu LEAD FREE	4 AND 7
84740-292	YES	GXT SPECIAL	SnPb	4
84740-292LF	YES	GXT SPECIAL	SnAgCu LEAD FREE	4 AND 7
84740-A02	YES	SPECIAL	SnPb	8
84740-A02LF	YES	SPECIAL	SnAgCu LEAD FREE	7 AND 8
84740-302	YES	15µ" (.38µm) Au SPECIAL	SnPb	8
84740-302LF	YES	15µ" (.38µm) Au SPECIAL	SnAgCu LEAD FREE	7 AND 8
84740-402	YES	30µ" (.76µm) Au SPECIAL	SnPb	8
84740-402LF	YES	30µ" (.76µm) Au SPECIAL	SnAgCu LEAD FREE	7 AND 8
84740-502	YES	SPECIAL	SnPb	4 AND 8
84740-502LF	YES	SPECIAL	SnAgCu LEAD FREE	4, 7 AND 8

NOTES:

1. MATERIAL:
HOUSING: LCP
CONTACT: COPPER ALLOY

PLATING:

CONTACT: (SEE TABLE AND OTHER NOTES)
SOLDER BALL: (SEE TABLE, EITHER EUTECTIC SnPb OR LEAD FREE OR 95.5Sn/44g/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. PLATING FOR INDICATED -2XX SERIES PART NOS. IS Au OVER Ni WITH SPECIAL CONTACT GEOMETRY TO MEET REQUIREMENTS OF TELCORDIA GR-1217-CORE: CENTRAL OFFICE ENVIRONMENT (25 LIFE EXPECTANCY)
- 5. -302, -302LF, -402, -402LF, -502, -502LF ARE OBSOLETE.
- 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 WITH LEADED OR SOME SOLDERING APPLICATIONS.

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. 84740-A02, -A02LF, ARE CUSTOMER SPECIALS

9. CURRENT COMPANY LOGO TO BE VISIBLE IN APPROXIMATE AREA SHOWN.

10. FOR PURPOSES OF MAXIMIZING MANUFACTURING UTILIZATION, PLATED TERMINALS WITH HIGHER PLATING THICKNESS THAN THE REQUIRED AMOUNT, MAY BE SUBSTITUTED FOR TERMINALS WITH THE REQUIRED PLATING.

11. PLUG TERMINALS MAY OR MAYNOT INCLUDE ANTI-WICKING SLOT FEATURE THAT IS TYPICALLY ASSOCIATED WITH HIGHER PLATING THICKNESS OPTIONS.

mat'l code	surface	tolerance	projection	product family
SEE NOTE 1	ASPE Y4.5	ASPE Y4.5		MEG-ARRAY
lit	tolerances unless otherwise specified			
N	angles	X ±3		
		XX ±13		
	0° ±2°	XXX ±051	Scale: 2:1	
DR	T. BREWBAKER	2011-06-06		
ENGR	T. BREWBAKER	2011-06-06		
CHK	T. BREWBAKER	2011-06-06		
APPD	D. HORCHLER	2011-06-06		
sheet index	revision			
	sheet			

FCI

0mm PLUG ASSEMBLY

10 x 40 = 400 POSITIONS

84740

Sheet 4 of 4

A4

CUSTOMER Drawing