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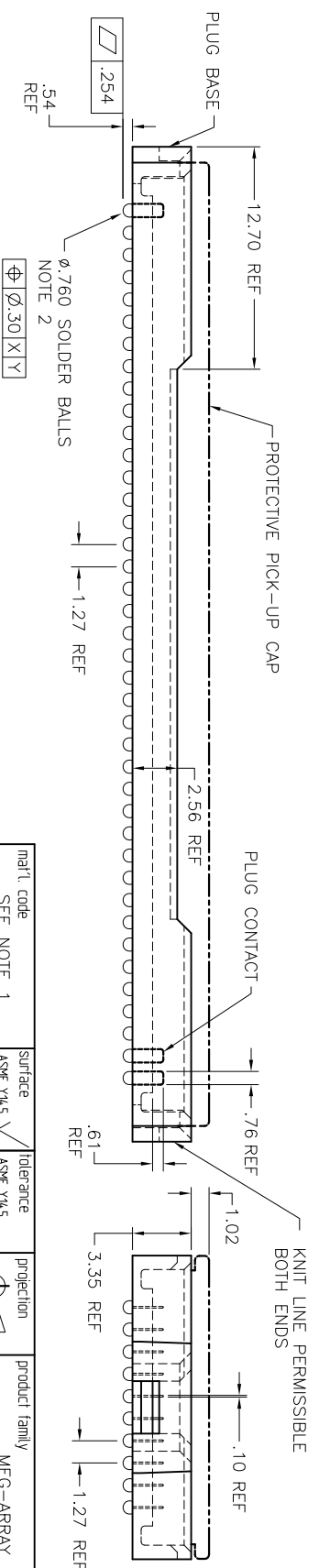
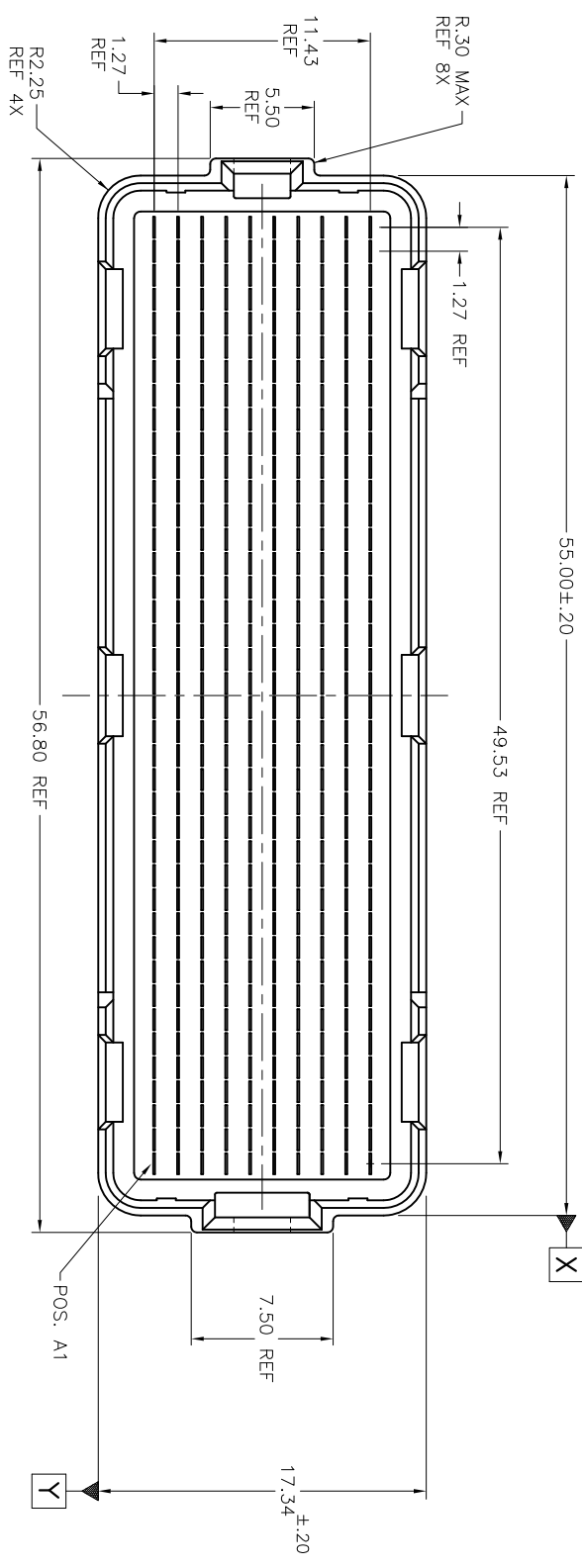


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3 |

4

PRODUCT NUMBER
SEE TABLE



mat'l code	SEE NOTE 1	surface	tolerance	projection	product family
lfr	ecm no. dfr date	ASME Y14.5	ASME Y14.5		MEG-ARRAY
J	V06-0560 LP 2006-07-07	angles	X #3	mm	0mm PLUG ASSEMBLY
K	V-004092 HTB 2010-06-13	XXX #18	Scale: 3:1		10 x 40 = 400 POSITIONS
L	V-013208 DCH 2012-06-12	0° ±2°			Sheet 1 of 4
M	V-13455 DCH 2012-11-14	D. WAUGHEN			Size A4
N	V-14654 DCH 2013-5-1	M. HAHN			
P	V-26466 RWB 2017-05-24	M. HAHN			
R	V-28042 RWB 2017-09-25	M. HAHN			
Sheet Index	revision	R	R	R	R
	1	2	3	4	

B

A

form: ArrayMLC

1 |

2 |

3 |

4

B

A



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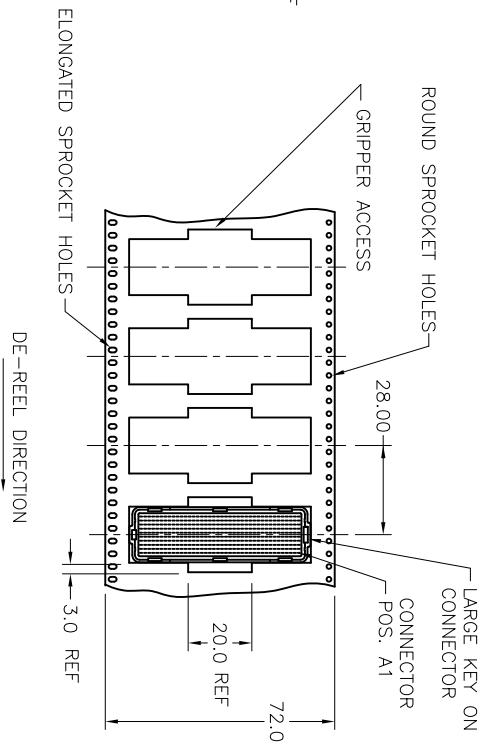
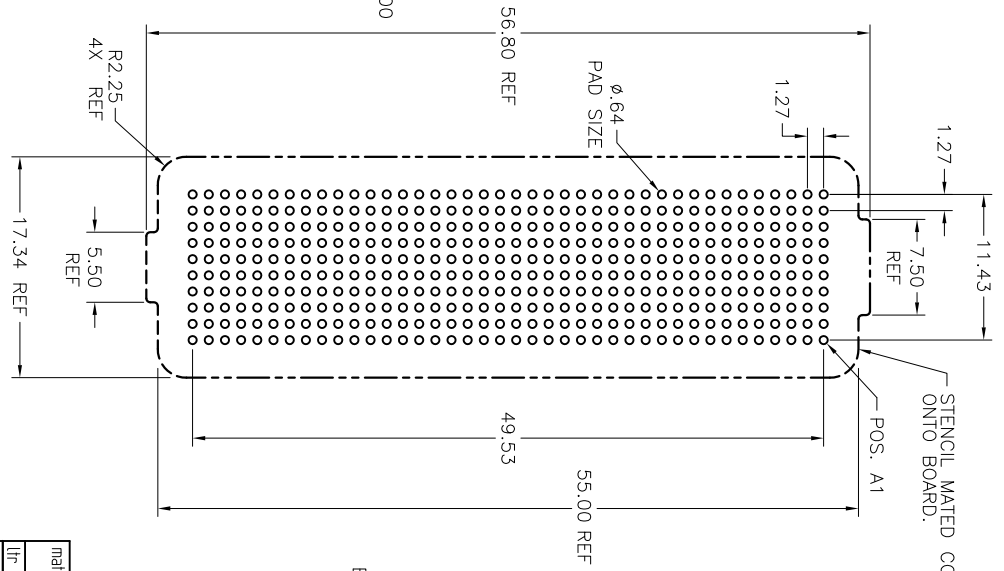
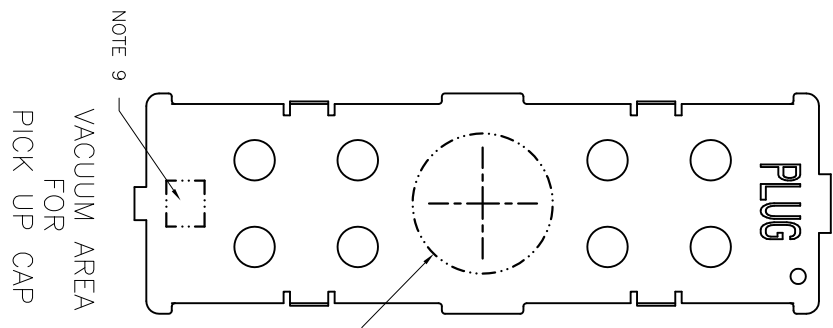


PRODUCT NUMBER
SEE TABLE

1 | 2

3 |

4



TAPE & REEL PACKAGING SCALE NONE
PER EIA 481-3

mat'l code	surface	tolerance	projection	product family
SEE NOTE 1	ASPE Y14.5	ASPE Y14.5		MEG-ARRAY
ltf	ecm no	dr	date	
R	angles	dr	date	
	ϕ			
	\pm			
	dr			
	dr			
	dr			
	dr			
	dr			
Sheet Index	revision			

Scale: 2:1

FCJ logo

product family: MEG-ARRAY

title: 0mm PLUG ASSEMBLY

dwg no: 84740

Sheet 2 of 4

size: A4

type: CUSTOMER Drawing

form: A4mmX1C

1 |

2 |

3 |

4

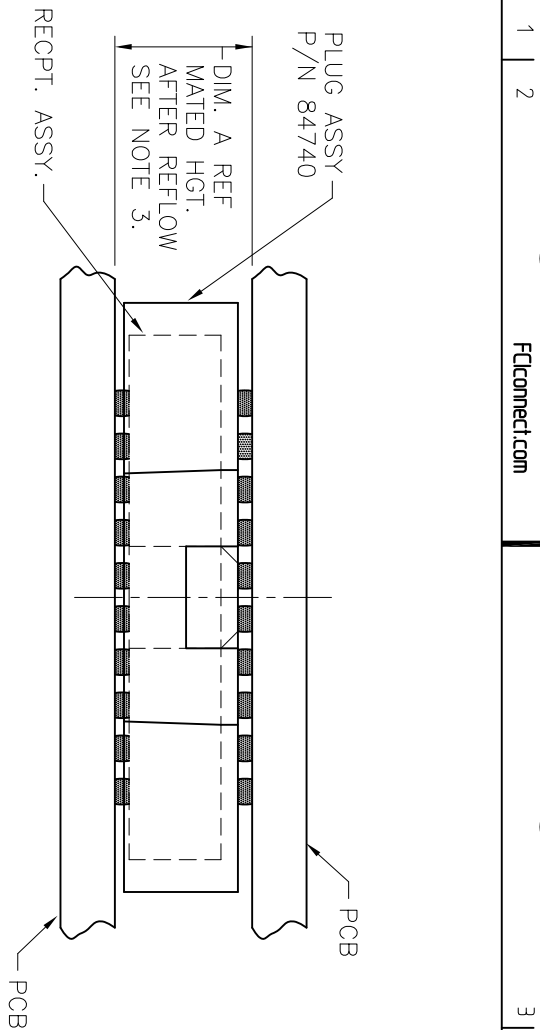


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PRODUCT NUMBER
SEE TABLE



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	eqn no	dr	date	title
R	angles	$X \pm 3$	$X \pm 3$	0mm PLUG ASSEMBLY
	$0^\circ \pm 2'$	$XX \pm 3$	Scale: 2:1	10 x 40 = 400 POSITIONS
	dr	D. WAUGHEN		Sheet 3 of 4
	dr	M. HAHN		size
	dr	M. HAHN		A4
	dr	M. HAHN		CUSTOMER Drawing
sheet	revision			
index	sheet			

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, COLOR IS WHITE
PICK-UP CAP: LCP, COLOR IS BLACK
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	SEE NOTE 1	surface	tolerance	projection	product family
lfr	ecn no	ASPE Y4L5	ASPE Y4L5		MEG-ARRAY
R	date	tolerances unless otherwise specified			
		angles	X ±3		
			XX ±13		
		o' ±2"	XXX ±051	Scale: 2:1	
		dr	T. BREWBAKER 2011-06-06		
		plgr	T. BREWBAKER 2011-06-06		
		dlr	T. BREWBAKER 2011-06-06		
		qndd	D. HORCHLER 2011-06-06		
sheet	revision				
index	sheet				

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product family: MEG-ARRAY

title: 0mm PLUG ASSEMBLY

dwg no: 84740

sheet 4 of 4

size: A4

type: CUSTOMER Drawing