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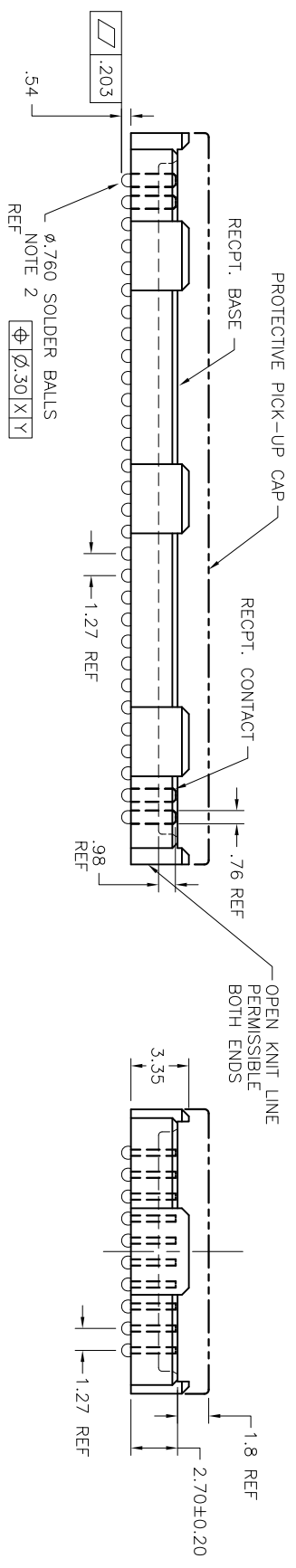
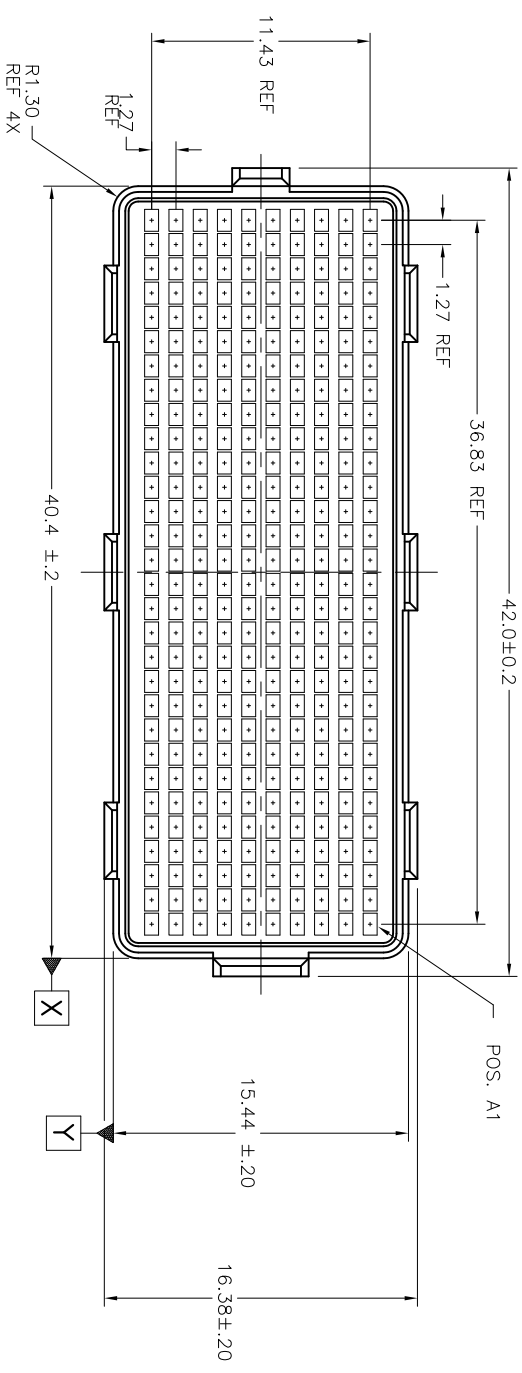


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PRODUCT NUMBER
SEE TABLE

1 | 2 | 3 | 4



mat'l code	SEE NOTE 1	surface	tolerance	projection	product family
lfr	ecm no.	dfr	date	ASME Y14.5	MEG-ARRAY
				ASME Y14.5	
				angles	
				tolerances unless otherwise specified	
L	V11-0028	HTB	2011-06-02	X&E3	
M	V-0123333	RE	2012-07-30	XXX.13	
N	V-13453-	DCH	2012-11-14	XXX.051	
P	V-13453-	DCH	2012-02-06		
R	V-18087	DCH	2014-02-25		
S	V-26025	RWD	2017-02-06		
Sheet	revision	S	S	S	
index	Sheet	1	2	3	4



product family: MEG-ARRAY
 title: 4mm RECEPTACLE ASSEMBLY
 10 X 30 = 300 POS.
 Scale: 3:1
 dwg no: 84501
 sheet 1 of 4
 size A4
 type CUSTOMER Drawing

form: ArrmX11c 1 2 3 4



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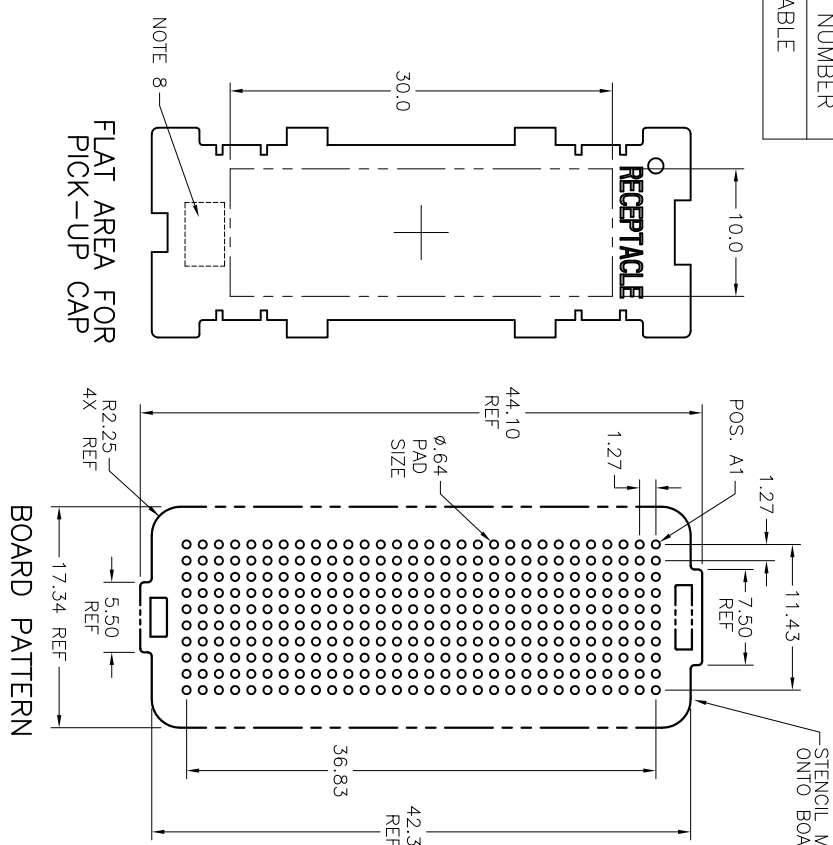


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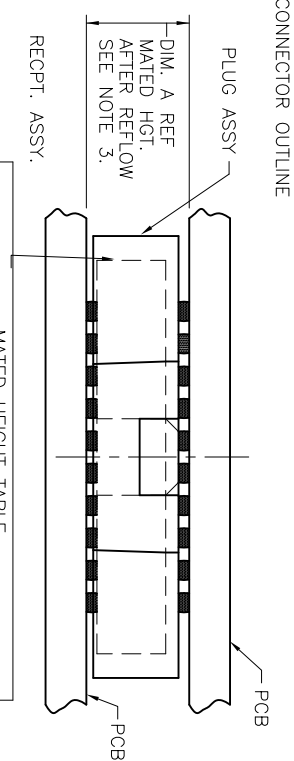


4

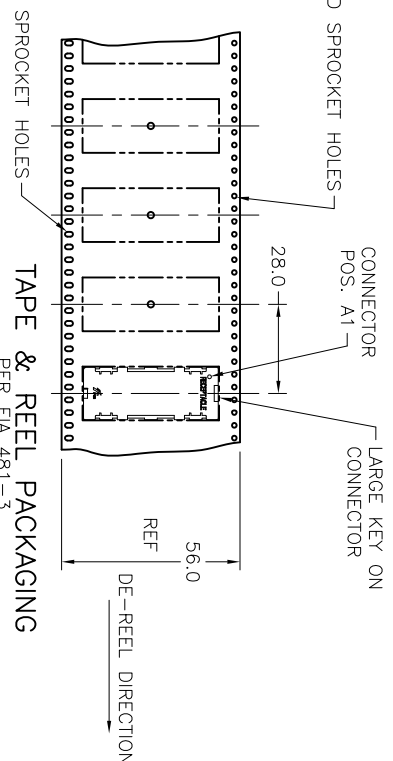
PRODUCT NUMBER
SEE TABLE



STENCIL MATED CONNECTOR OUTLINE
ONTO BOARD.



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



TAPE & REEL PACKAGING

PER EIA 481-3
SCALE NONE

mat'l code	SEE NOTE 1	surface	tolerance	projection	product family
litr	ecm no	dr	date	ASME Y14.5	MEG-ARRAY
				ASME Y14.5	
				tolerances, unless otherwise specified	
S		angles	3x3	MM	title
			XXX.13	Scale: 2:1	4mm RECEPTACLE ASSEMBLY
		dr	0° ±2°		10 X 30 = 300 POS.
		dr	XXX.051		sheet 2 of 4 size
		plqj	D. WAUGHEN		84501
		cltr	D. HARPER		A4
		cltr	D. HARPER		CUSTOMER Drawing
		qdd	D. HARPER		
sheet	revision				
index					

1 2

3

4

A

A

B

B

form: A4mmX1c

1

2

3

4



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4

PRODUCT NUMBER	PICK-UP CAP (NATURAL OR BLACK IN COLOR)	CONTACT PLATING AND THICKNESS	SOLDER BALL	NOTES
84501-001	YES	15µ" (.38µm) Au	SnPb	
84501-001LF	YES	15µ" (.38µm) Au	LEAD FREE	6
84501-091	YES	15µ" (.38µm) GXT	SnPb	
84501-091LF	YES	15µ" (.38µm) GXT	LEAD FREE	6
84501-093LF	YES	15µ" (.38µm) GXT	LEAD FREE	6, 11
84501-101	YES	30µ" (.76µm) Au	SnPb	
84501-101LF	YES	30µ" (.76µm) Au	LEAD FREE	6
84501-191	YES	30µ" (.76µm) GXT	SnPb	
84501-191LF	YES	30µ" (.76µm) GXT	LEAD FREE	6
84501-201	YES	50µ" (1.27µm) Au SPECIAL	SnPb	4
84501-201LF	YES	50µ" (1.27µm) Au SPECIAL	LEAD FREE	4 AND 6
84501-291	YES	50µ" (1.27µm) GXT SPECIAL	SnPb	4
84501-291LF	YES	50µ" (1.27µm) GXT SPECIAL	LEAD FREE	4 AND 6
84501-A01	YES	30µ" (.76µm) Au SPECIAL	SnPb	7
84501-A01LF	YES	30µ" (.76µm) Au SPECIAL	LEAD FREE	6 & 7
84501-301	YES	15µ" (.38µm) Au SPECIAL	SnPb	7
84501-301LF	YES	15µ" (.38µm) Au SPECIAL	LEAD FREE	6 & 7
84501-401	YES	30µ" (.76µm) Au SPECIAL	SnPb	7
84501-401LF	YES	30µ" (.76µm) Au SPECIAL	LEAD FREE	6 & 7
84501-501	YES	Au SPECIAL	SnPb	4 & 7
84501-501LF	YES	Au SPECIAL	LEAD FREE	4, 6 & 7

1 | 2

3 |

4

A

A

B

B

form: ArrmXLC

1 |

2 |



3 |

4

mat'l code	SEE NOTE 1	surface	tolerance	projection	product family
litr	ecn no	dr	date	ASME Y14.5	MEG-ARRAY
S		angles	ASME Y14.5	MM	title
		0° ±2'	ASME Y14.5	Scale: 2:1	4mm RECEPTACLE ASSEMBLY
		dr	XXX.X		10 X 30 = 300 POS.
		plng	XXX.X		84501
		cltr	XXX.X		sheet 3 of 4
		qdd	XXX.X		size
sheet	revision				A4
index	sheet				CUSTOMER Drawing

B

NOTES:

- ① MATERIAL
HOUSING: LCP
CONTACT: COPPER ALLOY
PLATING
CONTACT: (SEE TABLE ON SHEET3)
SOLDER BALL: (SEE TABLE ON SHEET3)
EUTECTIC SnPb OR LEAD FREE
95.5Sn/44Ag/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 -2XX SERIES PRODUCT NUMBERS MEET THE REQUIREMENTS OF GR-1217-CORE, CENTRAL OFFICE ENVIRONMENT, (25 YEAR LIFE EXPECTANCY). THE CONTACTS IN THESE PRODUCT NUMBERS ALSO HAVE SPECIAL CONTACT GEOMETRY.
- ⑤ 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.
- ⑥ 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.
- ⑦ 84501-A01 AND -A01LF ARE CUSTOMER SPECIALS.
- ⑧ CURRENT COMPANY LOGO TO BE VISIBLE IN APPROXIMATE AREA SHOWN.
- 9. 84501-301, -301LF, -401, -401LF, -501 and -501LF ARE OBSOLETE.
- 10. A  SYMBOL WILL BE NEXT TO ANY DIMENSION, NEW VIEW OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION
- ⑪ 84501-093LF HAS A SPECIAL CAP 

⑦ 84501-A01 AND -A01LF ARE CUSTOMER SPECIALS.

mat'l code	SEE NOTE 1	surface	tolerance	projection	product family
lfr	eqn no	dr	date	ASME Y14.5	ASME Y14.5
S			angles	MM	MEG-ARRAY
			0° ±2'	Scale: 2:1	4mm RECEPTACLE ASSEMBLY
			dr		10 X 30 = 300 POS.
			plqj		Sheet 4 of 4
			clp		Size
			qdd		A4
sheet	revision				CUSTOMER Drawing
index	sheet				

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[FCI / Amphenol:](#)

[84501-101LF](#) [84501-201LF](#) [84501-001LF](#) [84501-101](#) [84501-201](#) [84501-001](#) [84501-A01](#) [84501-091LF](#) [84501-291LF](#) [84501-191LF](#) [84501-291](#) [84501-191](#) [84501-091](#)