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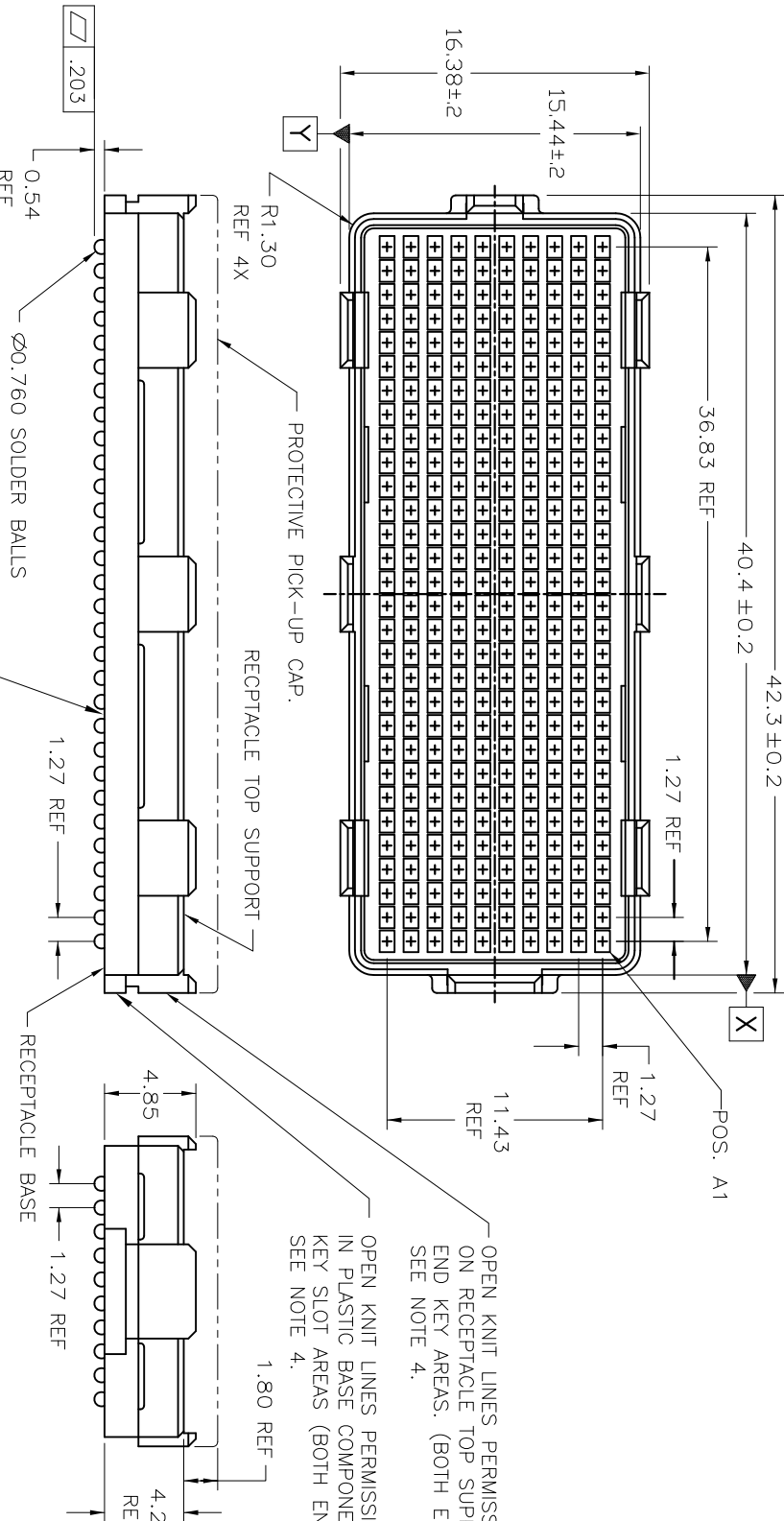
PRODUCT NUMBER

SEE TABLE-SHEET 2

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CONTINUOUS OPEN KNIT LINE CRACKS (TRAVERSING THE ENTIRE BODY LENGTH OF THE CONNECTOR) WHICH CAUSE CRITICAL-TO-FUNCTION DIMENSIONAL CHANGES THAT AFFECT THE CONNECTORS MECHANICAL ALIGNMENT FEATURES ARE NOT PERMISSIBLE. SEE NOTE 4.

mat'l code	revision	date	surface	tolerance	projection	product family
SEE NOTE 1	1		ASME Y14.5	ASME Y14.5		MEG-ARRAY
lfr	eqn no.	dfr	date	intolerances unless otherwise specified		
H	V06-0560	LP	2006-07-08	angles	MM	5.5mm RECEPTACLE ASSEMBLY
J	V06-1173	LP	2006-02-01	XXX.X		10 X 30 = 300 POSITIONS
K	V11-0030	HTB	2011-06-05	0° ±2°	Scale: 3:1	
L	V12-0030	SJ	2012-08-06			
M	V12-0042	DCM	2012-11-05			
N	V-21047	RWB	2015-06-09			
P	V-24318	RWB	2016-06-05			
Sheet	revision	P	P	P		
index	Sheet	1	2	3	4	

B

A

A

B

form: ArrayMLC

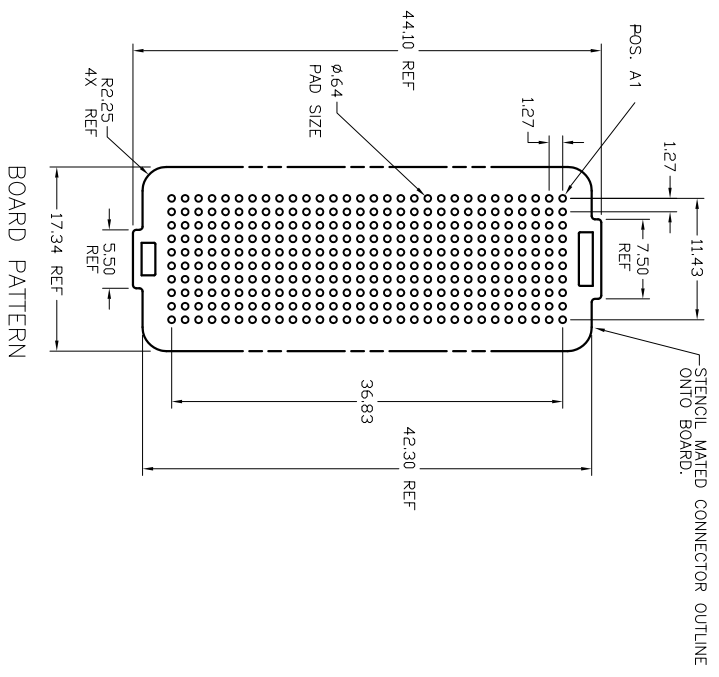
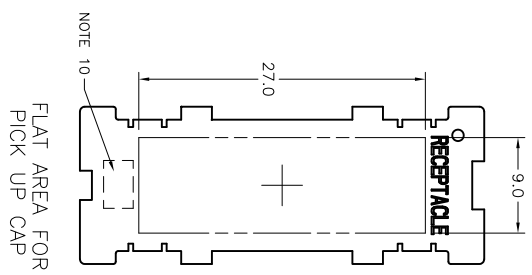
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PRODUCT NUMBER	PICK-UP CAP (NATURAL OR BLACK COLOR)	CONTACT PLATING AND THICKNESS	SOLDER BALL	NOTES
84502-001	YES	15µ" (0.38µm) Au	SnPb	
84502-001LF	YES	15µ" (0.38µm) Au	LEAD FREE	5
84502-091	YES	15µ" (0.38µm) GXT	SnPb	
84502-091LF	YES	15µ" (0.38µm) GXT	LEAD FREE	5
84502-091BF	WITH VENT HOLES	15µ" (0.38µm) GXT	SnPb	
84502-091BLF	WITH VENT HOLES	15µ" (0.38µm) GXT	LEAD FREE	5
84502-101	YES	30µ" (0.76µm) Au	SnPb	
84502-101LF	YES	30µ" (0.76µm) Au	LEAD FREE	5
84502-191	YES	30µ" (0.76µm) GXT	SnPb	
84502-191LF	YES	30µ" (0.76µm) GXT	LEAD FREE	5
84502-201	YES	50µ" (1.27µm) Au SPECIAL	SnPb	6
84502-201LF	YES	50µ" (1.27µm) Au SPECIAL	LEAD FREE	5,6
84502-291	YES	50µ" (1.27µm) GXT SPECIAL	SnPb	6
84502-291LF	YES	50µ" (1.27µm) GXT SPECIAL	LEAD FREE	5,6
84502-A01	YES	30µ" (0.76µm)	SnPb	7
84502-A01LF	YES	30µ" (0.76µm)	LEAD FREE	5,7



mat'l code	SEE NOTE 1	date	surface	tolerance	projection	product family	title
lit	ecm no	df	ASME Y14.5	ASME Y14.5	MM	MEG-ARRAY	5.5mm RECEPTACLE ASSEMBLY
P			angles	XXX.X3	Scale: 2:1		10 X 30 = 300 POSITIONS
			dr	XXX.X3			Sheet 2 of 4
			dr	XXXX.X051			size
			dr	D. WAUGHEN 9999-02-23			A4
			dr	D. HARPER 9999-02-23			
			dr	D. HARPER 9999-02-23			
			dr	D. HARPER 9999-02-23			
Sheet	revision						
Index	Sheet						



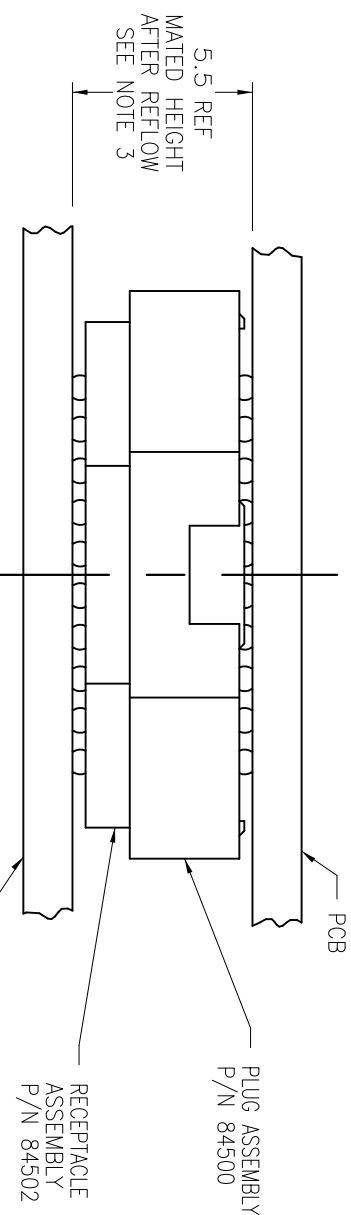
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PRODUCT NUMBER
SEE TABLE-SHEET 2



- NOTES:
- MATERIAL:
HOUSING: LCP
CONTACT: COPPER ALLOY
 - SOLDER BALLS WILL NOT BE PERFECT SPHERICAL SHAPE DUE TO REFLOW ATTACHMENT.
 - MATED HEIGHT EFFECTED BY CUSTOMER'S PCB PAD SIZE, PLATING, SOLDER REFLOW PROFILE, & SOLDER PASTE.
 - KNIT LINE: SLIGHT VISIBLE MARKS (USUALLY A LINE) INDICATING THE DIRECTION AND MEETING POINT OF PLASTIC RESIN FLOW FRONTS TRAVELING AROUND ANY OBSTRUCTIONS TO THE RESIN FLOW VIA THE REQUIRED MOLD TOOLING.

PLATING:
CONTACT: (SEE TABLE ON SHEET 2)
SOLDER BALL: (SEE TABLE ON SHEET 2)
EUTECTIC SnPb OR LEAD FREE
95.5Sn/4Ag/0.5Cu

7. PLATING FOR INDICATED -2XX SERIES PRODUCT NUMBERS MEET THE REQUIREMENTS OF GR-1217-CORE, CENTRAL OFFICE ENVIRONMENT, (25 YEAR LIFE EXPECTANCY), AND INCLUDES SPECIAL CONTACT GEOMETRY.

8. 84502-A01 AND -A01LF ARE CUSTOMER SPECIALS.

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

10. A SYMBOL WILL BE NEXT TO ANY DIMENSION, NEW VIEW OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION

- 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
- 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.

mat'l code	SEE NOTE 1	surface	tolerance	projection	product family
litr	ecn no	dr	date	ASME Y14.5	ASME Y14.5
P				angles: 3x3	MEG-ARRAY
				dr: 0 ±.2	10 X 30 = 300 POSITIONS
				dr: D. WAUGHEN 999-02-23	Sheet 3 of 4 Size A4
				plqdr: D. HARPER 999-02-23	
				cltr: D. HARPER 999-02-23	
				apdd: D. HARPER 999-02-23	
sheet index	revision				



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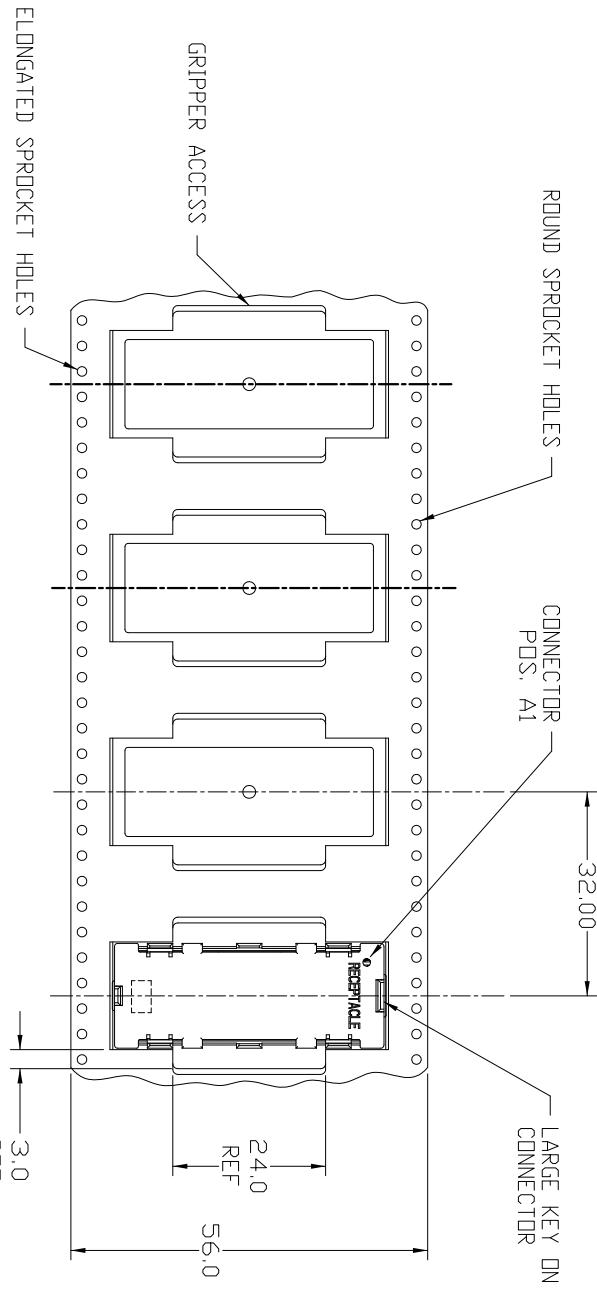
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PRODUCT NUMBER
SEE TABLE-SHEET 2

1 | 2



TAPE & REEL PACKAGING
PER EIA 481-3
SCALE 1:1

mat'l code	SEE NOTE 1	surface	ASME Y14.5	tolerance	ASME Y14.5	projection	product family
ltr	ecm no	dr	date	intolerances unless otherwise specified			MEG-ARRAY
P				angles	X&E3	MM	title
				dr	XXX.13	Scale 1:1	5.5mm RECEPTACLE ASSEMBLY
				dr	XXX.051		10 X 30 = 300 POSITIONS
				dr	D. WAUGHEN 1999-03-11		Sheet 4 of 4
				dr	D. HARPER 1999-03-11		SIZE
				dr	D. HARPER 1999-03-11		A4
				dr	D. HARPER 1999-03-11		CUSTOMER Drawing
Sheet	revision						
Index	Sheet						

form: A4mmX16

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Mouser Electronics

Authorized Distributor

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

[FCI / Amphenol:](#)

[84502-001LF](#) [84502-001](#) [84502-201LF](#) [84502-101LF](#) [84502-A01LF](#) [84502-101](#) [84502-201](#) [84502-191LF](#) [84502-191](#) [84502-091LF](#) [84502-291](#) [84502-091](#) [84502-291LF](#)