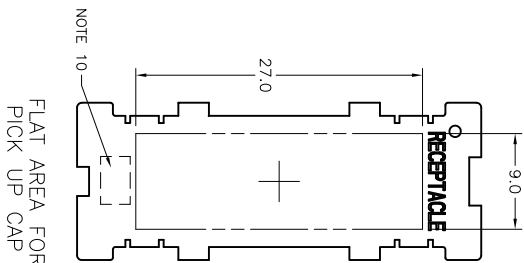




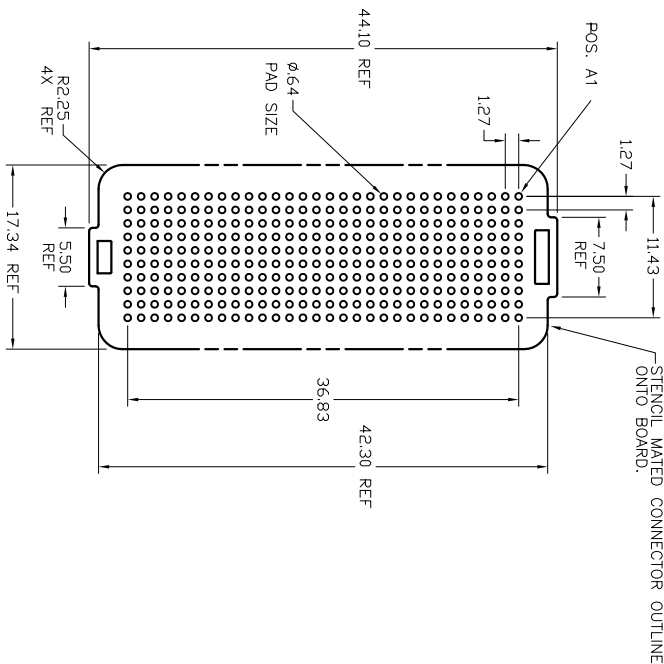
PRODUCT NUMBER	PICK-UP CAP (NATURAL OR BLACK COLOR)	CONTACT PLATING AND THICKNESS	SOLDER BALL	NOTES
84502-001	YES	15µ" (0.38µm) Au	SnPb	
84502-001LF	YES	15µ" (0.38µm) Au	LEAD FREE	5
84502-091	YES	15µ" (0.38µm) GXT	SnPb	
84502-091LF	YES	15µ" (0.38µm) GXT	LEAD FREE	5
84502-091BF	WITH VENT HOLES	15µ" (0.38µm) 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



FLAT AREA FOR PICK UP CAP

NOTE 10

BOARD PATTERN



mat'l. code	surface	tolerance	projection	product family
SEE NOTE 1	ASPC Y4.5	ASPC Y4.5		MEG-ARRAY
lfr	ecn no	dr	date	
N	angles	3x3	MM	
	0° ±2°	XXX-13	Scale 2:1	
	dr	D. WAUGHEN	1999-02-23	
	engr	D. HARPER	1999-02-23	
	cltr	D. HARPER	1999-02-23	
	apdd	D. HARPER	1999-02-23	
sheet	revision			
index	sheet			

FCI

5.5mm RECEPTACLE ASSEMBLY  
10 X 30 = 300 POSITIONS

84502

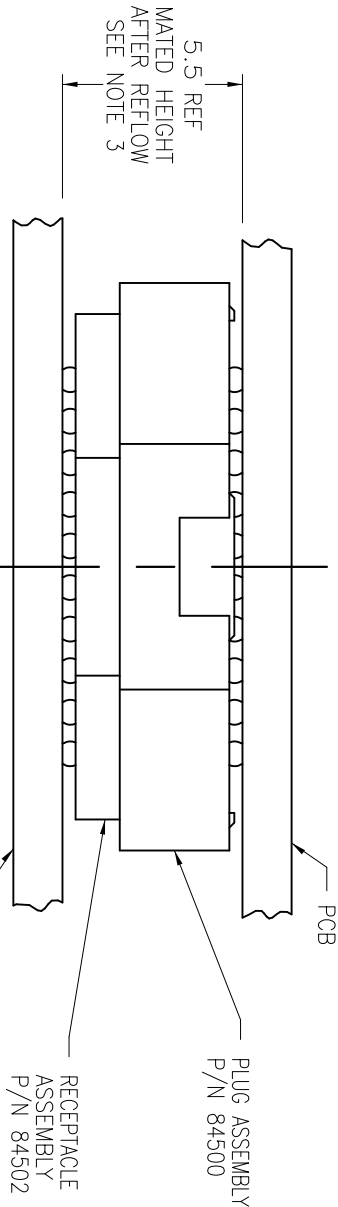
sheet 2 of 4

A4

type

CUSTOMER Drawing

PRODUCT NUMBER  
SEE TABLE-SHEET 2



NOTES:  
1. MATERIAL:  
HOUSING: LCP  
CONTACT: COPPER ALLOY  
CONTACT: (SEE TABLE ON SHEET 2)  
SOLDER BALL: (SEE TABLE ON SHEET 2)  
EUTECTIC SnPb OR LEAD FREE  
95.5Sn/4Ag/0.5Cu  
MATED HEIGHT AFTER REFLOW IS BASED ON  $\phi$ .64mm PAD (METAL-DEFINED)  
AND .13mm SOLDER PASTE STENCIL THICKNESS. SEE NOTE 3.  
END VIEW - MATED CONNECTORS

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. 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  
5. 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.  
6. 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.  
7. 84502-A01 AND -A01LF ARE CUSTOMER SPECIALS.

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

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

mat'l. code	SEE NOTE 1	surface	tolerance	projection	product family
lbr	ecn no	dfr	date	ASPC Y14.5	ASPC Y14.5
N				angles	XXX.13
				0' $\pm$ 2'	XXX.051
				dfr	D. WAUGHEN 1999-02-23
				engr	D. HARPER 1999-02-23
				cltr	D. HARPER 1999-02-23
				apdd	D. HARPER 1999-02-23
sheet	revision				
index	sheet				

FCI	MM	Scale: 5:1	title	MEG-ARRAY
			5.5mm RECEPTACLE ASSEMBLY	
			10 X 30 = 300 POSITIONS	
			Dwg no	84502
			sheet 3 of 4	size A4
			type	CUSTOMER Drawing



# Mouser Electronics

Authorized Distributor

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

[FCI / Amphenol:](#)

[84502-A01LF](#)