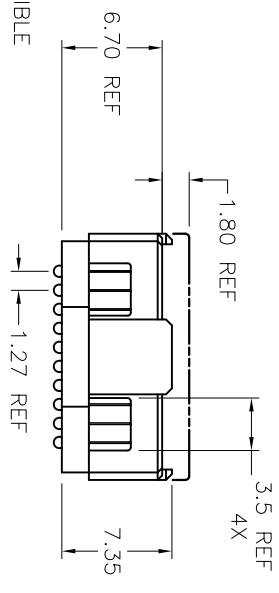
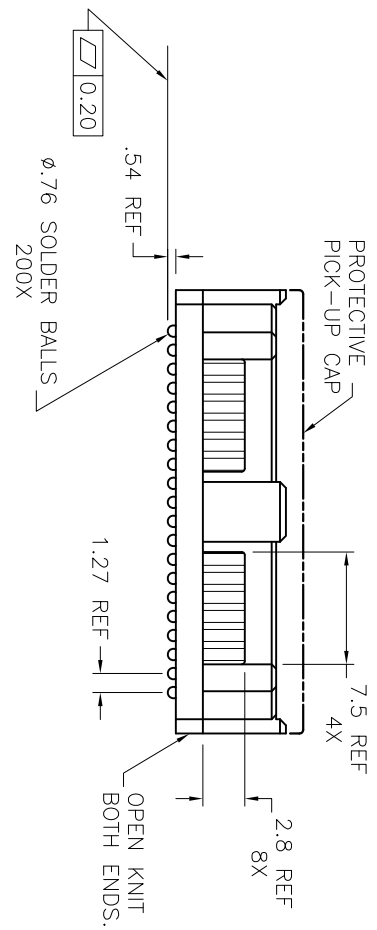
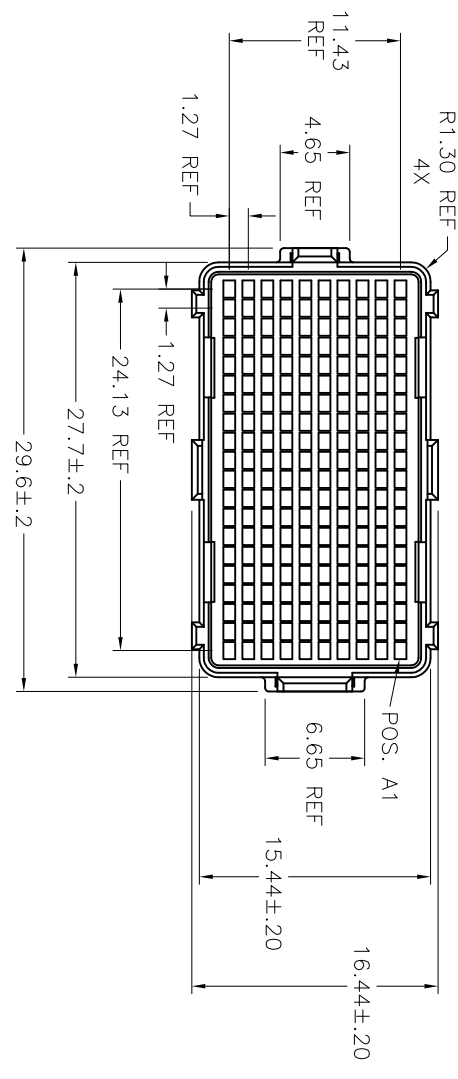


PRODUCT NUMBER  
SEE TABLE-SHEET 3



mat'l code	SEE NOTE 1	surface	tolerance	projection	product family
lfr	ecm no. dfr date	ASME Y14.5	ASME Y14.5	MM	MEG-Array
H	V-0123333 SJ 2002-08-06	angles	X ±3	1:1	80mm RECEPTACLE ASSEMBLY
J	V12-0034 SM 2002-09-27	XX ±10			10 X 20 = 200 POSITIONS
K	V12-0049 DGH 2002-02-01	0° ±2°	XXX ±0.50		Sheet 1 of 3 Size
L	V-38145 RWB 2002-08-26	D. WAUGHEN	9999-09-07	FCJ	84535
F	V07-0641 LP 2007-07-29	B. SPINK	9999-09-07		A4
G	V11-0030 HTB 2008-06-06	B. SPINK	9999-09-07		CUSTOMER Drawing
Sheet Index	revision	L	L	L	L
	1	2	3		



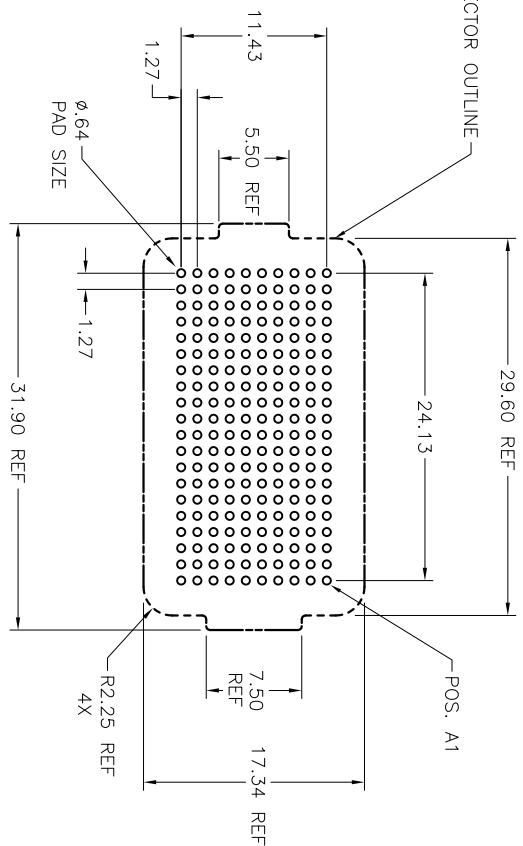
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PRODUCT NUMBER  
SEE TABLE-SHEET 3

STENCIL MATED CONNECTOR OUTLINE  
ONTO BOARD.



BOARD PATTERN

NOTES:

- 1. MATERIAL:  
HOUSING: LCP  
CONTACT: COPPER ALLOY
- PLATING:  
CONTACT: (SEE TABLE ON SHEET 3)  
SOLDER BALL: (SEE TABLE ON SHEET 3)  
EUTECTIC SnPb OR LEAD FREE  
95.5Sn/4Ag/0.5Cu

MATED HEIGHT WITH PLUG P/N	84516	84530
8mm		
14mm		

- 2. OVERALL BOARD-TO-BOARD STACK HEIGHTS AVAILABLE USING THIS CONNECTOR (84535):
- 3. PLATING FOR INDICATED -2XX SERIES PRODUCT NUMBERS MEET THE REQUIREMENTS OF GR-1217-CORE, CENTRAL OFFICE ENVIRONMENT, (25 YEAR LIFE EXPECTANCY), THE CONTACTS ON THESE PRODUCT NUMBERS ALSO HAVE SPECIAL CONTACT GEOMETRY.
- 4. FOR PROPER APPLICATION FOLLOW FCJ 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 FCJ 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. 84535-A01 AND -A01LF ARE CUSTOMER SPECIALS.
- 7. 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	ASPE Y4.5	tolerance	ASPE Y4.5	projection	product family	MEG-Array
lfr	ecn no	dfr	date	ASPE Y4.5	tolerance unless otherwise specified	MM	title	8.0mm RECEPTACLE ASSEMBLY
				angles	X ±3	Scale	10 X 20 = 200 POSITIONS	sheet 2 of 3 size
				dr	XXX ±0.50	1:1	84535	A4
				dr	D. WAUGHEN 999-09-07			
				dr	B. SPINK 999-09-07			
				dr	B. SPINK 999-09-07			
				dr	B. SPINK 999-09-07			
sheet index	revision							CUSTOMER Drawing



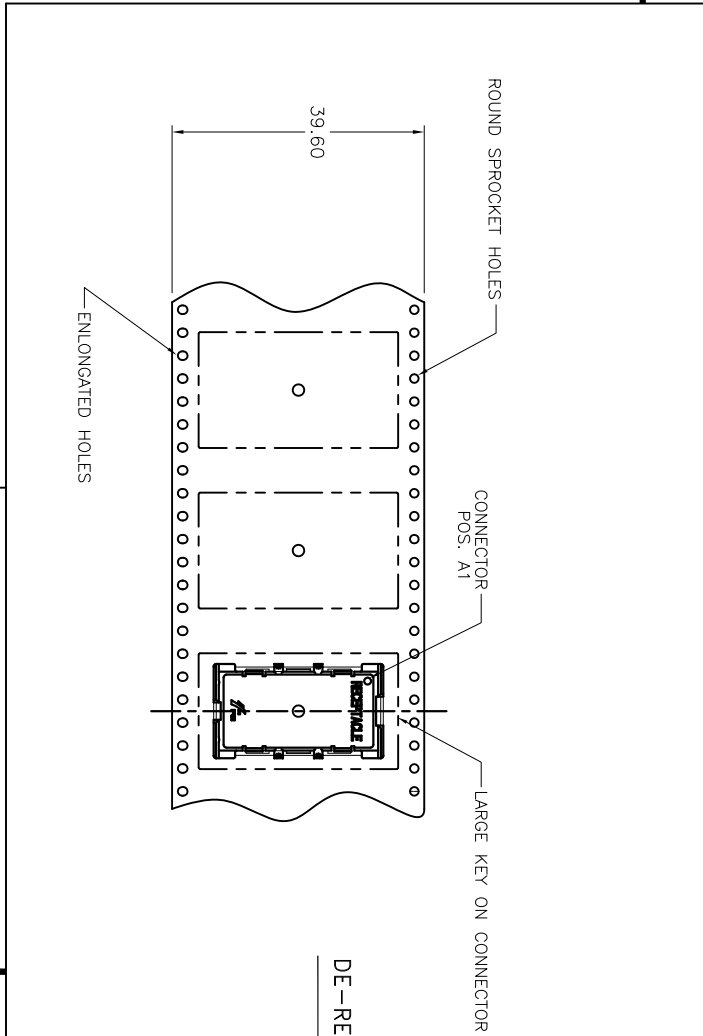
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PRODUCT NUMBER	PICK-UP CAP (NATURAL OR BLACK COLOR)	CONTRACT PLATING AND THICKNESS	SOLDER BALL	NOTES
84535-001	YES	15µ" (0.39µm) Au	SnPb	
84535-001LF	YES	15µ" (0.39µm) Au	LEAD FREE	5
84535-091	YES	15µ" (0.39µm) GXT	SnPb	
84535-091LF	YES	15µ" (0.39µm) GXT	LEAD FREE	5
84535-101	YES	30µ" (0.76µm) Au	SnPb	
84535-101LF	YES	30µ" (0.76µm) Au	LEAD FREE	5
84535-191	YES	30µ" (0.76µm) GXT	SnPb	
84535-191LF	YES	30µ" (0.76µm) GXT	LEAD FREE	5
84535-201	YES	50µ" (1.27µm) Au SPECIAL	SnPb	
84535-201LF	YES	50µ" (1.27µm) Au SPECIAL	LEAD FREE	3 and 5
84535-291	YES	50µ" (1.27µm) GXT SPECIAL	SnPb	
84535-291LF	YES	50µ" (1.27µm) GXT SPECIAL	LEAD FREE	3 and 5
84535-A01	YES	30µ" / 0.76µm SPECIAL	SnPb	6
84535-A01LF	YES	30µ" / 0.76µm SPECIAL	Low Temp	5 & 6
84535-101LTLF	YES	30µ" (0.76µm) Au	Low Temp	5
84535-191LTLF	YES	30µ" (0.76µm) GXT	Low Temp	5

Δ Δ



mat'l. code	SEE NOTE 1	surface	tolerance	projection	product family
ltn	ecm no.	dr	date	ASME Y14.5	MEG-Arroy
				ASME Y14.5	
		tolerances unless otherwise specified			
		angles	X ±3		
		dr	XX ±10		
		dr	XXX ±0.50		
		plqj	D. WAUGHEN 999-09-07		
		clp	B. SPINK 999-09-07		
		qjdd	B. SPINK 999-09-07		
sheet	revision				
index	sheet				



title  
8.0mm RECEPTACLE ASSEMBLY

dwg no  
10 X 20 = 200 POSITIONS

sheet 3 of 3

size  
A4

type  
CUSTOMER Drawing

form: AsmMxLc 1 2 3 4

# Mouser Electronics

Authorized Distributor

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

[Amphenol:](#)

[84535-091LF](#) [84535-091](#) [84535-291LF](#) [84535-191](#) [84535-291](#)