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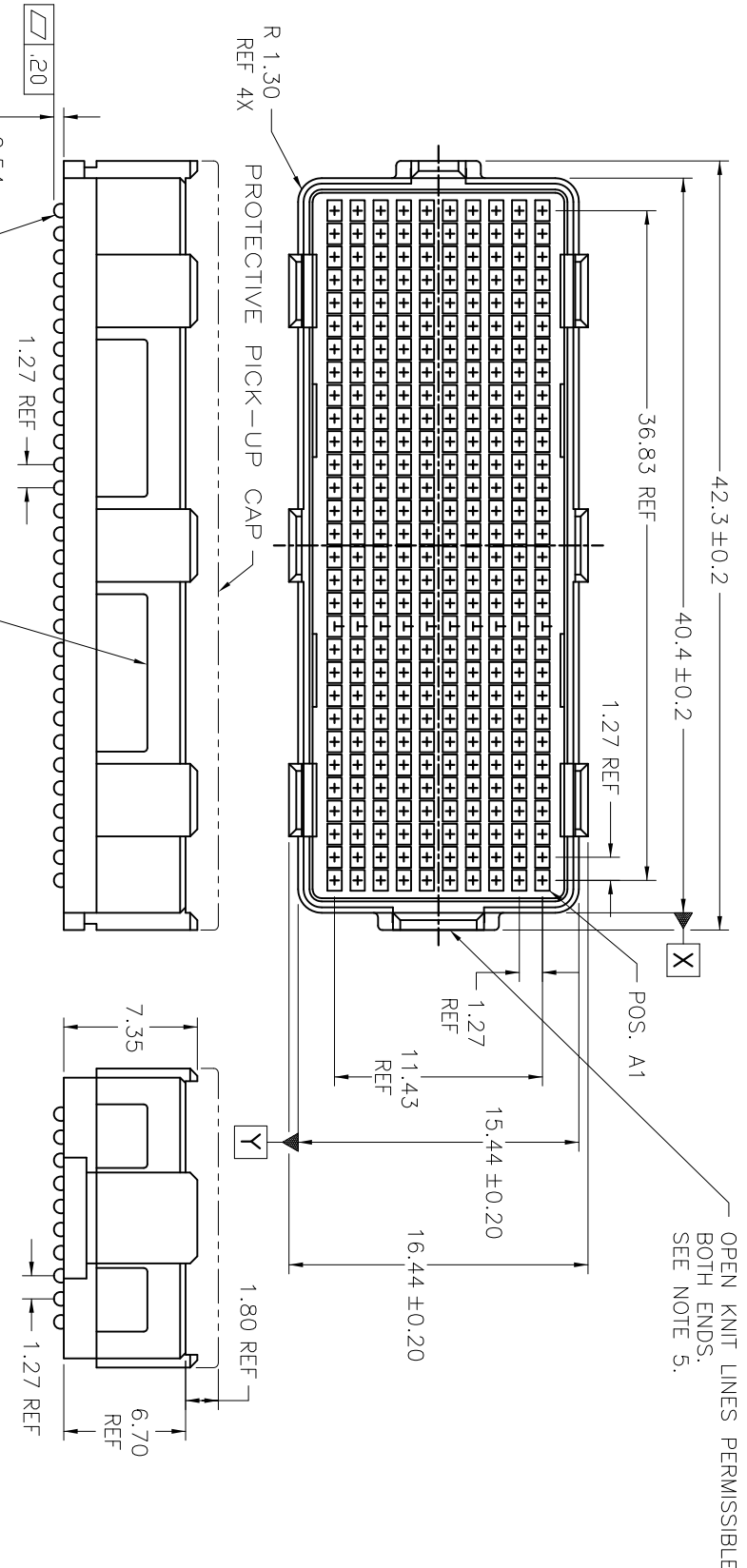


PRODUCT NUMBER
SEE TABLE-SHEET 3

1 | 2

3 |

4



OPEN KNIT LINES PERMISSIBLE
BOTH ENDS.
SEE NOTE 5.

$\varnothing 0.760$ SOLDER BALLS
NOTE 2

$\varnothing \varnothing .30$ X Y

mat'l code	SEE NOTE 1	surface	tolerance	projection	product family
lfr	eqn no. dfr date	ASPE Y14.5	ASPE Y14.5		MEG-ARRAY
G	V12-0030 RE 2006-08-07	angles	X *3	MM	8.0mm RECEPTACLE ASSEMBLY
H	V12-0046 DCH 2002-11-20	gls	XX *13		10 x 30 = 300 POS.
J	V-18082 DCH 2014-6-25	$\varnothing \pm Z$	XXX *051	Scale: 3:1	
D	V04-0940 VS 2004-08-08	D. WAUGHEN	2000-02-23		
E	V06-0360 LP 2006-07-04	PLQJ	W. SPINK		
F	V11-0028 HTR 2011-06-02	CLP	W. SPINK		
Sheet	revision	J	J	J	J
index	Sheet	1	2	3	4



Sheet 1 of 4 Size A4
CUSTOMER Drawing

form: ADMIXLJC

1 |

2 |

3 |

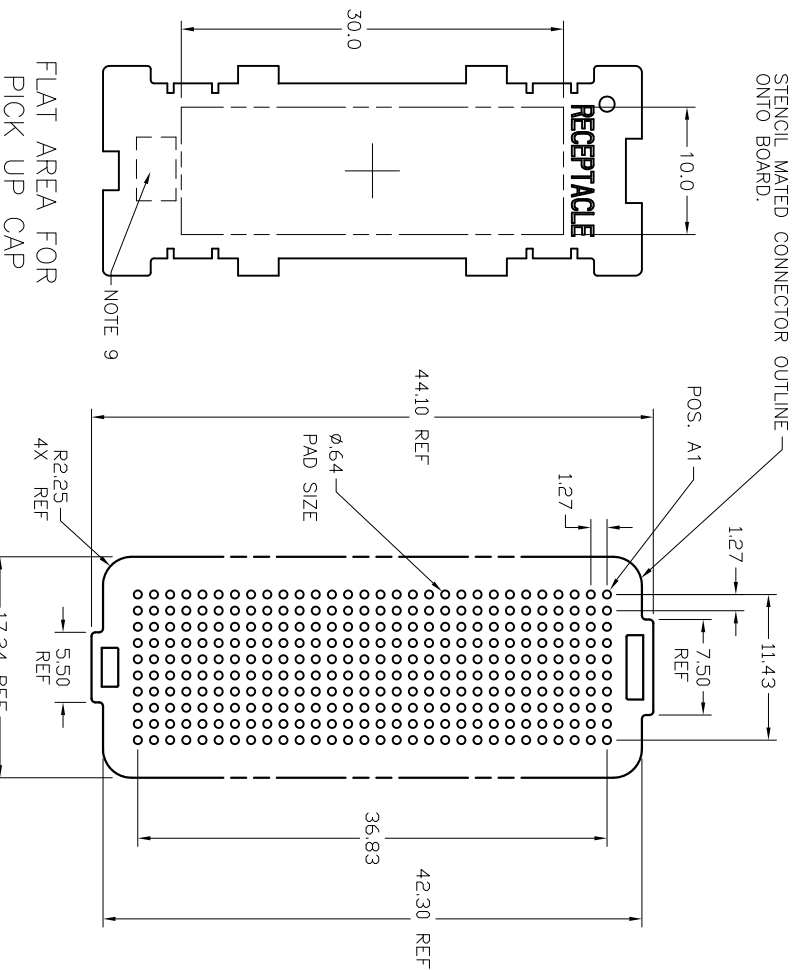
4

PRODUCT NUMBER
SEE TABLE-SHEET-3

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/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 PRODUCT NUMBERS MEET THE REQUIREMENTS OF GR-1217-CORE, CENTRAL OFFICE ENVIRONMENT, (25 YEAR LIFE EXPECTANCY). THE CONTACTS GEOMETRY IN THESE PRODUCT NUMBERS IS SPECIAL, ALSO.
- ⑤ KINT 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.
- 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 COMPATIBLE WITH LEADED OR SOME SOLDERING APPLICATIONS. REFERENCE FCI APPLICATION SPECIFICATION
- 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 84553-A01 AND -A01LF ARE CUSTOMER SPECIALS.
- ⑨ CURRENT COMPANY LOGO TO BE VISIBLE IN APPROXIMATE AREA SHOWN.
- ⑩ 84553-0931LF HAS A SPECIAL CAP.

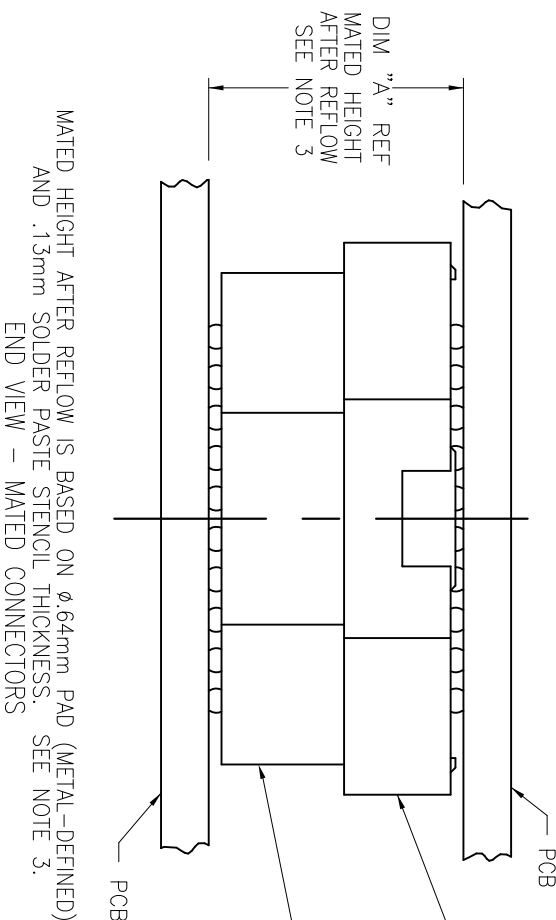
12. A  SYMBOL WILL BE NEXT TO ANY DIMENSION, NEW VIEW OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION



BOARD PATTERN

mat'l code	SEE NOTE 1	surface	tolerance	projection	product family
ltr	ecn no	dr	date	ASME Y14.5	ASME Y14.5
				angles	angles
				or ±2°	XXX ±0.51
				dr	D. WALUGHEN 2000-02-23
				plgr	W. SPINK 2000-02-23
				cltr	W. SPINK 2000-02-23
				apdd	W. SPINK 2000-02-23
sheet	revision				
index	sheet				
				Scale: 2:1	
				MM	
				FCI	
				dwg no	84553
				title	8.0mm RECEPTACLE ASSEMBLY
				sheet	2 of 4
				size	A4
				type	CUSTOMER Drawing

PRODUCT NUMBER	PICK-UP CAP (NATURAL OR BLACK COLOR)	CONTACT PLATING AND THICKNESS	SOLDER BALL	NOTES
84553-001	YES	15u" (.38um) Au	SnPb	
84553-001LF	YES	15u" (.38um) Au	LEAD FREE	7
84553-091	YES	15u" (.38um) GXT	SnPb	
84553-091LF	YES	15u" (.38um) GXT	LEAD FREE	7
84553-093LF	YES	15u" (.38um) GXT	LEAD FREE	7, 10
84553-101	YES	30u" (.76um) Au	SnPb	
84553-101LF	YES	30u" (.76um) Au	LEAD FREE	7
84553-191	YES	30u" (.76um) GXT	SnPb	
84553-191LF	YES	30u" (.76um) GXT	LEAD FREE	7
84553-201	YES	50u" (1.27um) Au SPECIAL	SnPb	
84553-201LF	YES	50u" (1.27um) Au SPECIAL	LEAD FREE	4 AND 7
84553-291	YES	50u" (1.27um) GXT SPECIAL	SnPb	
84553-291LF	YES	50u" (1.27um) GXT SPECIAL	LEAD FREE	4 AND 7
84553-A01	YES	30u" (.76um)	SnPb	
84553-A01LF	YES	30u" (.76um)	LEAD FREE	8
84953-301	YES	15u" (.38um) Au SPECIAL	SnPb	
84953-301LF	YES	15u" (.38um) Au SPECIAL	LEAD FREE	7 AND 8
84953-401	YES	30u" (.76um) Au SPECIAL	SnPb	
84953-401LF	YES	30u" (.76um) Au SPECIAL	LEAD FREE	7 AND 8
84953-501	YES	AU SPECIAL	SnPb	
84953-501LF	YES	AU SPECIAL	LEAD FREE	4, 7 AND 8



PLUG ASSEMBLY
(SEE TABLE BELOW)

DIM. "A"	PLUG ASSY. P/N
8.0	84500
14.0	84578

RECEPTACLE
ASSEMBLY
P/N 84553

mat'l code		SEE NOTE 1		surface	tolerance	projection	product family	
lbr	ech no	dfr	date	ASPC Y14.5	ASPC Y14.5	MM	MEG-ARRAY	title
J				angles	X +3	Scale: 5:1	8.0mm RECEPTACLE ASSEMBLY	
				dr	XXX +0.01		10 x 30 = 300 POS.	
				dr	D. WAUGHEN 2000-02-23		sheet 3 of 4	A4
				engr	W. SPINK 2000-02-23		CUSTOMER Drawing	
				chr	W. SPINK 2000-02-23			
				qpod	W. SPINK 2000-02-23			
sheet	revision							
index	sheet							



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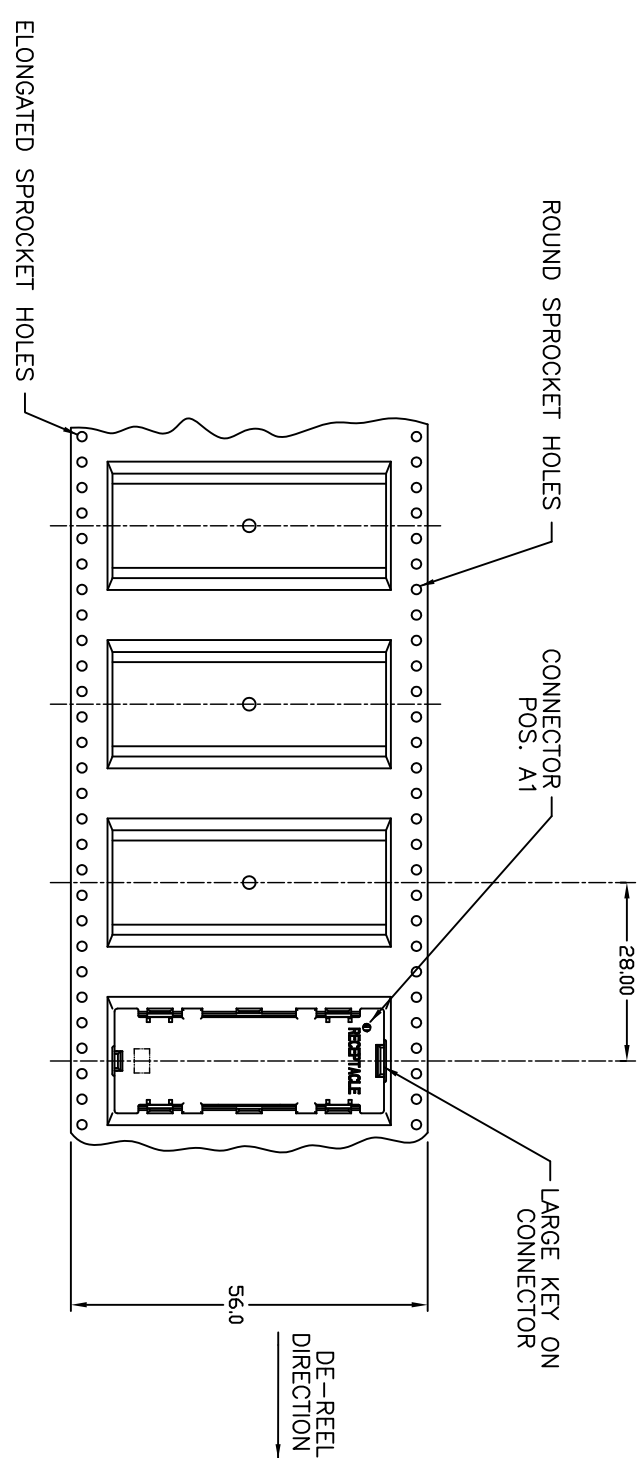


PRODUCT NUMBER
SEE TABLE-SHEET 3

1 | 2

3 |

4



TAPE & REEL PACKAGING
PER EIA 481-3

form: ADMIXLc

1 |

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mat'l. code	surface	tolerance	projection	product family
SEE NOTE 1	ASME Y14.5	ASME Y14.5		MEG-ARRAY
litr	ecm no	dfr	date	title
J				8.0mm RECEPTACLE ASSEMBLY
	angles	h	g	10 x 30 = 300 POS.
		XX *13	XXX *051	Scale: 1:1
	dfr	D. WAUGHEN	2000-02-23	dwg no
	plqjr	W. SPINK	2000-02-23	84553
	cltr	W. SPINK	2000-02-23	sheet 4 of 4
	qddi	W. SPINK	2000-02-23	size
sheet	revision			A4
index	sheet			CUSTOMER Drawing

B

A

B

A

Mouser Electronics

Authorized Distributor

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

FCI:

[84553-101LF](#)