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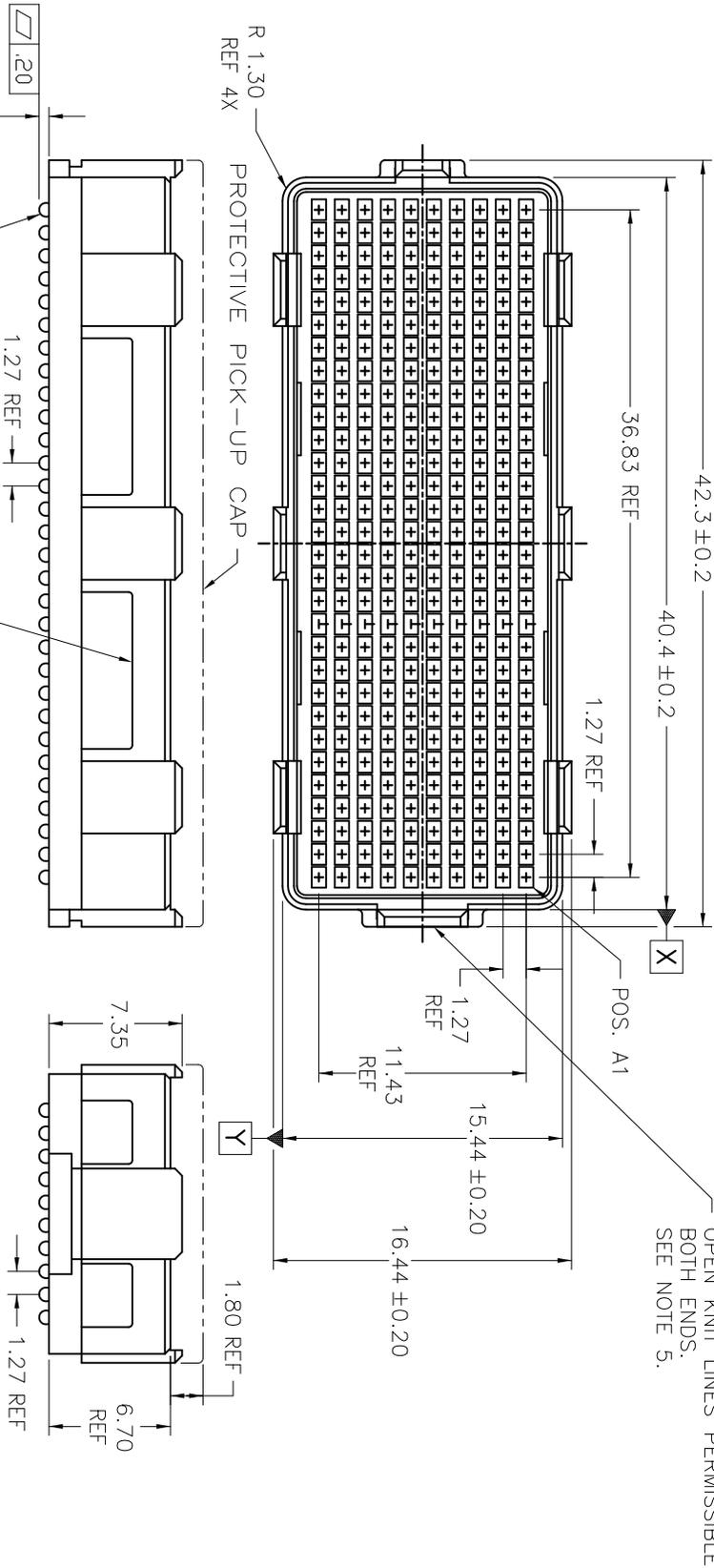


PRODUCT NUMBER
SEE TABLE-SHEET 3

1 | 2

3 |

4



NOTE 2
 $\varnothing 0.760$ SOLDER BALLS
 $\varnothing \phi .30$ X Y

mat'l code	SEE NOTE 1	surface	tolerance	projection	product family
ltr	eqn no.	dfr	date	ASPE Y14.5	ASPE Y14.5
G	V12-0030	RE	2006-08-07	angles	X ±3
H	V12-0046	DCH	2002-11-20	gls	XX ±13
J	V-18082	DCH	2014-6-25	or ±2"	XXX ±051
D	N04-0940	VS	2004-08-08	D. WAUGHEN	2000-02-23
E	V06-0360	LP	2006-07-14	PLQJ	W. SPINK
F	V11-0028	HTB	2011-06-02	W. SPINK	2000-02-23
Sheet	revision	J	J	J	J
index	Sheet	1	2	3	4

Scale	3:1
MM	
MM	

product family	MEG-ARRAY
title	8.0mm RECEPTACLE ASSEMBLY
dwg no	10 x 30 = 300 POS.
sheet	1 of 4
size	A4
type	CUSTOMER Drawing

form: ADMIXLJC

1

2

3

4

PRODUCT NUMBER
SEE TABLE-SHEET-3

NOTES:

- 1. MATERIAL:

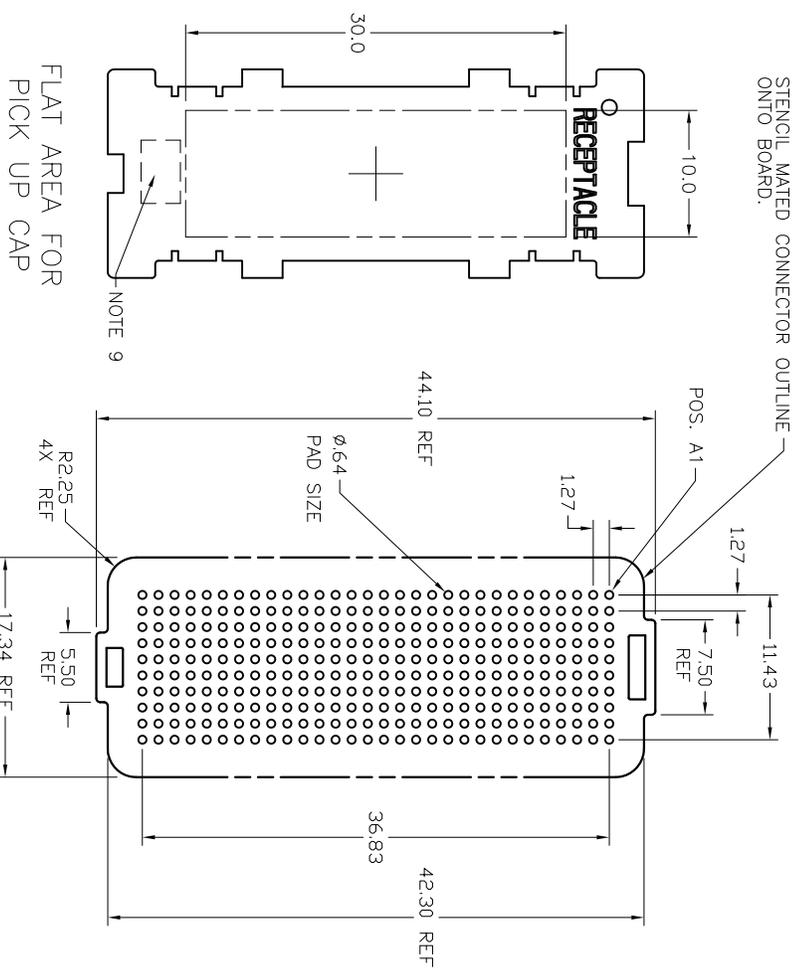
HOUSING: LCP
CONTACT: COPPER ALLOY

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. KILT 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 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
- 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



mat'l code	SEE NOTE 1	surface	tolerance	projection	product family
ltr	ecn no	dfr	date	ASPE Y14.5	ASPE Y14.5
J					
		angles	X +3		
			XX +13		
		0' ±2"	XXX +051		
		dfr	D. WALUGHEN	2000-02-23	
		plgr	W. SPINK	2000-02-23	
		cltr	W. SPINK	2000-02-23	
		qdd	W. SPINK	2000-02-23	
sheet index	revision				

projection	product family
MM	MEG-ARRAY
Scale: 2:1	
	title
	8.0mm RECEPTACLE ASSEMBLY
	10 x 30 = 300 POS.
	dwg no
	84553
	sheet 2 of 4
	size
	A4
	type
	CUSTOMER Drawing



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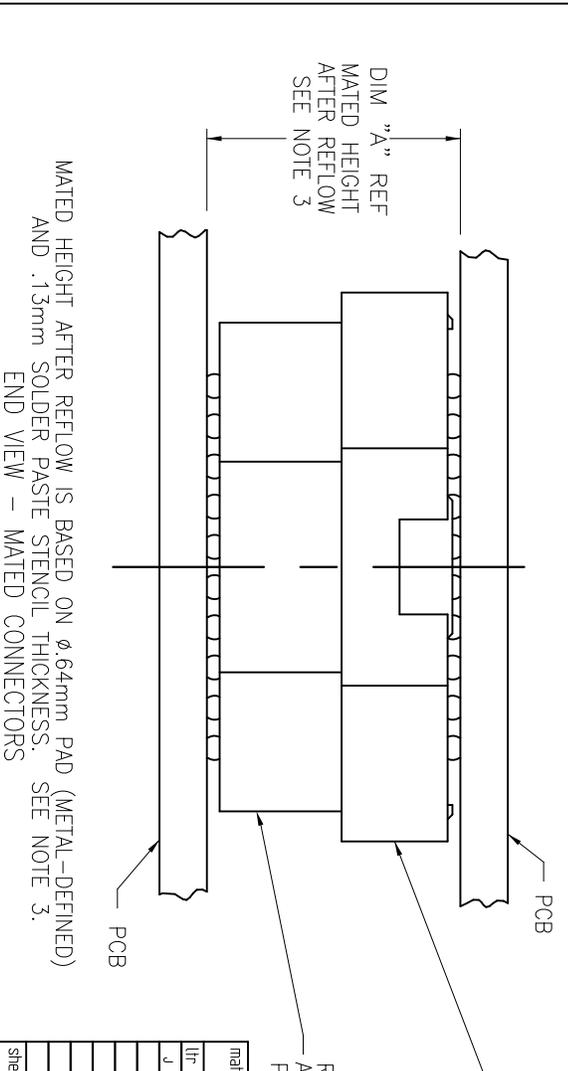


4

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

1 2

A



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
lfr	ecm no.	dr	date	ASME Y14.5	MEG-ARRAY
		angles		ASME Y14.5	
		dr	±.2	X .13	
		dr	D. WAUGHEN	2000-02-23	
		dr	W. SPINK	2000-02-23	
		dr	W. SPINK	2000-02-23	
		dr	W. SPINK	2000-02-23	
sheet index	revision	sheet			



title
8.0mm RECEPTACLE ASSEMBLY
10 x 30 = 300 POS.

dwg no
84553

sheet 3 of 4 size
A4

product family
CUSTOMER Drawing

1 2

3

4

B

B

form: AdmXtC



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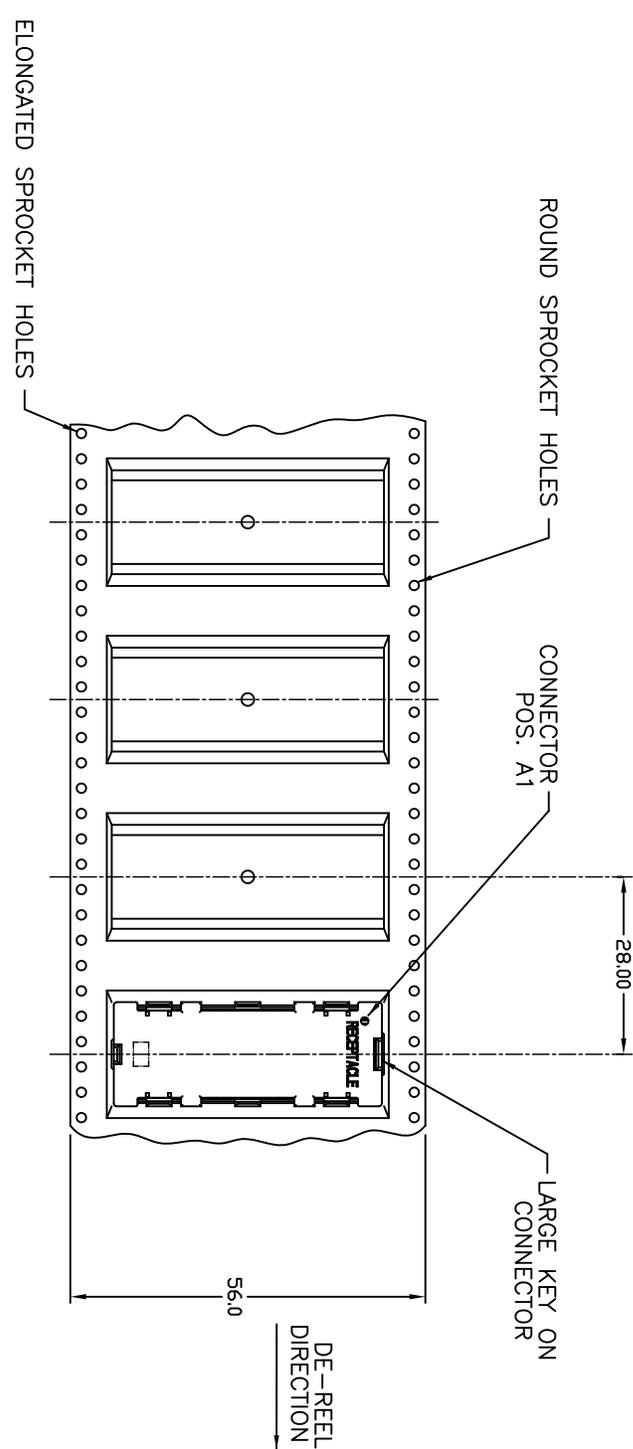


PRODUCT NUMBER
SEE TABLE-SHEET 3

1 | 2

3 |

4



TAPE & REEL PACKAGING
PER EIA 481-3

form: ADMIXLc

1 |

2 |

3 |

4

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	FCI
	plqjr	W. SPINK	2000-02-23	dwg no
	cltr	W. SPINK	2000-02-23	84553
	qddi	W. SPINK	2000-02-23	sheet 4 of 4
sheet index	revision			size
				A4
				CUSTOMER Drawing

A

A

B

B