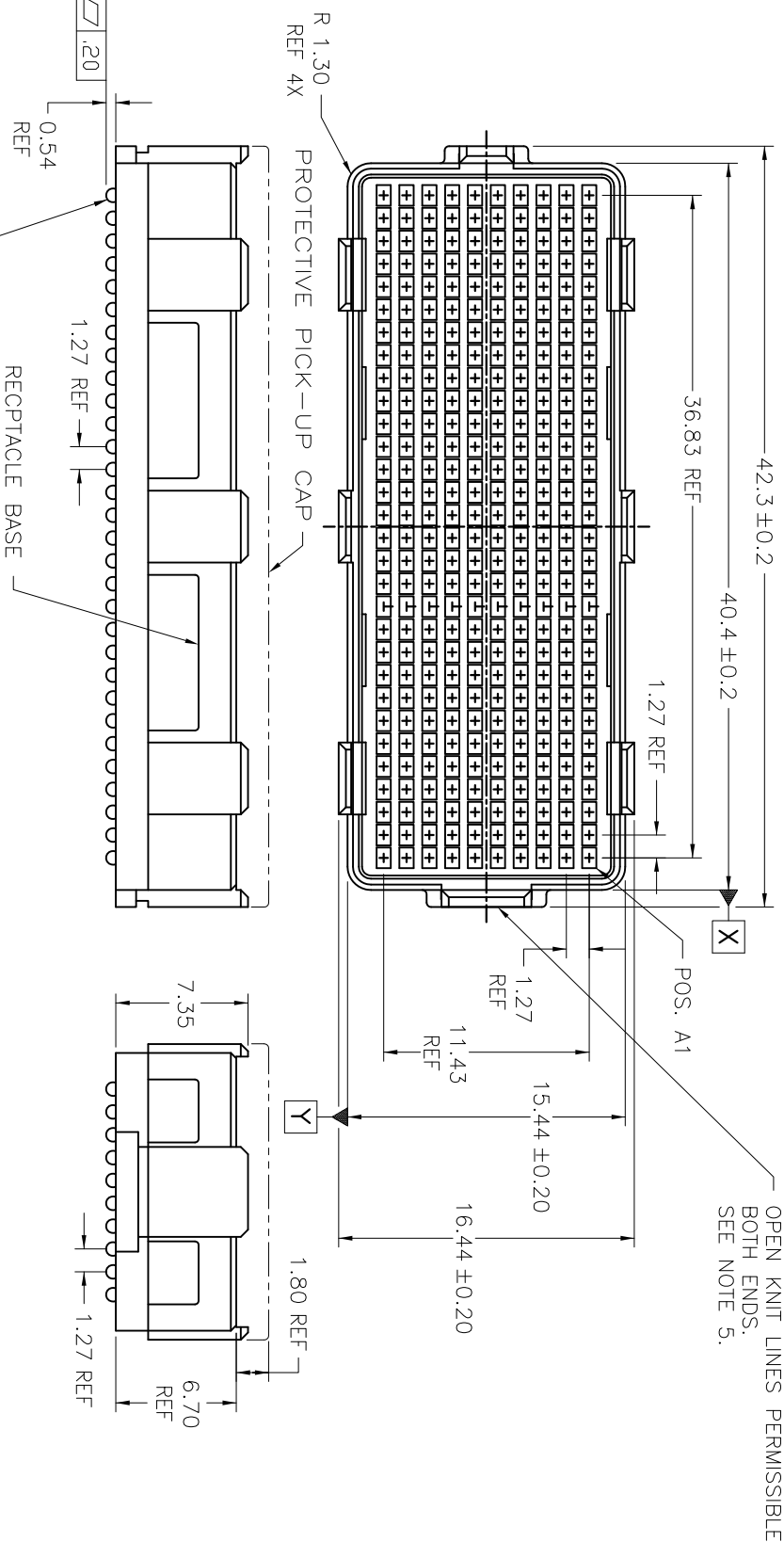


PRODUCT NUMBER
SEE TABLE-SHEET 3

1 2

3

4



OPEN KNOT LINES PERMISSIBLE
BOTH ENDS.
SEE NOTE 5.

NOTE 2
Ø 0.760 SOLDER BALLS
Ø .30 X Y

mat'l. code		SEE NOTE 1		surface		tolerance		projection		product family	
lbr	ecn no.	dfr	date	ASPE Y4.5	ASPE Y4.5	ASPE Y4.5	ASPE Y4.5	ASPE Y4.5	ASPE Y4.5	MEG-ARRAY	title
G	V12-0030	RE	2006-08-07	angles	XX ± .13	XX ± .13	XX ± .13	XX ± .13	XX ± .13	8.0mm RECEPTACLE ASSEMBLY	
H	V12-0046	DCH	2002-11-20	angles	XX ± .13	XX ± .13	XX ± .13	XX ± .13	XX ± .13	10 x 30 = 300 POS.	
J	V-18082	DCH	2014-06-25	0° ± 2°	XX ± .051	XX ± .051	XX ± .051	XX ± .051	XX ± .051	Scale: 3:1	
K	V-38145	RWB	2002-08-26	0°	D. WU-CHEN	2000-02-23	D. WU-CHEN	2000-02-23	D. WU-CHEN	2000-02-23	
—	—	—	—	—	W. SPINK	2000-02-23	W. SPINK	2000-02-23	W. SPINK	2000-02-23	
E	V06-0560	LP	2006-07-14	0°	W. SPINK	2000-02-23	W. SPINK	2000-02-23	W. SPINK	2000-02-23	
F	V11-0028	HTB	2006-06-02	0°	W. SPINK	2000-02-23	W. SPINK	2000-02-23	W. SPINK	2000-02-23	
Sheet	revision	K	K	K	K	K	K	K	K	type	
Index	Sheet	1	2	3	4						

B

A

form: ArrayMLC

1

2

3

4

B

A

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/4Ag/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 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.

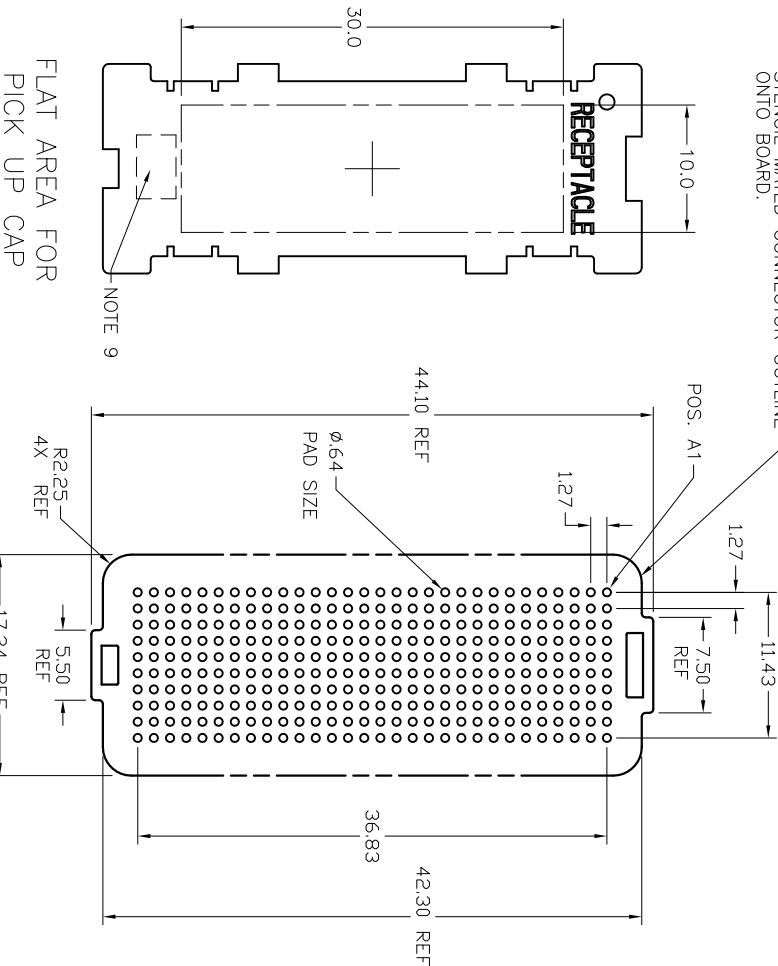
⑨ CURRENT COMPANY LOGO TO BE VISIBLE IN APPROXIMATE AREA SHOWN.

⑩ 84553-093LF HAS A SPECIAL CAP.

1.1. A  SYMBOL WILL BE NEXT TO ANY DIMENSION, NEW VIEW OR

NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION

STENCIL MATED CONNECTOR OUTLINE
ONTO BOARD.



mat'l. code		SEE NOTE 1		surface		tolerance		projection		product family	
lfr	ecn no	qtr	date	ASPC Y4.5	ASPC Y4.5	ASPC Y4.5	ASPC Y4.5	ASPC Y4.5	ASPC Y4.5	MEG-ARRAY	
K				angles	g	X +3					
				or ±2°	g	XX +1B					
				dr	D. WAUGHEN	2000-02-23	Scale 2:1				
				plng	W. SPINK	2000-02-23					
				ctr	W. SPINK	2000-02-23					
				apdd	W. SPINK	2000-02-23					
sheet	revision										
index	sheet										
										type	
										CUSTOMER Drawing	
										title	
										8.0mm RECEPTACLE ASSEMBLY	
										10 x 30 = 300 POS.	
										sheet 2 of 4	
										size	
										A4	



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3

4

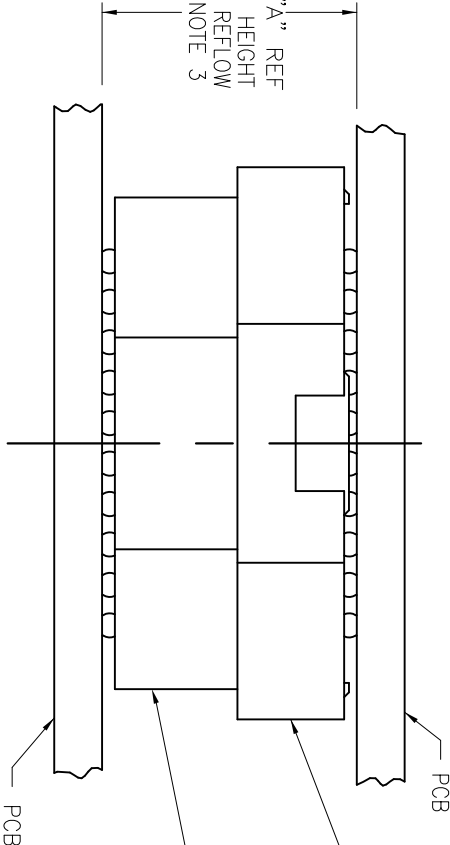
PRODUCT NUMBER	PICK-UP CAP (NATURAL OR BLACK COLOR)	CONTACT PLATING AND THICKNESS	SOLDER BALL	NOTES
84553-001	YES	15u" (.38um) Au	SnPb	
84553-001LF	YES	15u" (.38um) Au	LEAD FREE	7
84553-091	YES	15u" (.38um) GXT	SnPb	
84553-091LF	YES	15u" (.38um) GXT	LEAD FREE	7
84553-093LF	YES	15u" (.38um) GXT	LEAD FREE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



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

PLUG ASSEMBLY
(SEE TABLE BELOW)

DIM "A" REF
MATED HEIGHT
AFTER REFLOW
SEE NOTE 3



MATED HEIGHT AFTER REFLOW IS BASED ON ϕ .64mm PAD (METAL-DEFINED)
AND .13mm SOLDER PASTE STENCIL THICKNESS. SEE NOTE 3.
END VIEW - MATED CONNECTORS

mat'l code	SEE NOTE 1	surface	tolerance	projection	product family
lfr	ecn no	dfr	date	ASPE Y4.5	ASPE Y4.5
K		angles	gu	X +3	
		0° ±2°	XX ±18	XX ±18	
		dfr	D. WAUGHEN	2000-02-23	
		plng	W. SPINK	2000-02-23	
		clfr	W. SPINK	2000-02-23	
		apnd	W. SPINK	2000-02-23	
sheet	revision				
index	sheet				



title	8.0mm RECEPTACLE ASSEMBLY
dwg no	10 x 30 = 300 POS.
sheet	3 of 4
size	A4
type	CUSTOMER Drawing

form: ArrayMLC

1

2

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4

A

A



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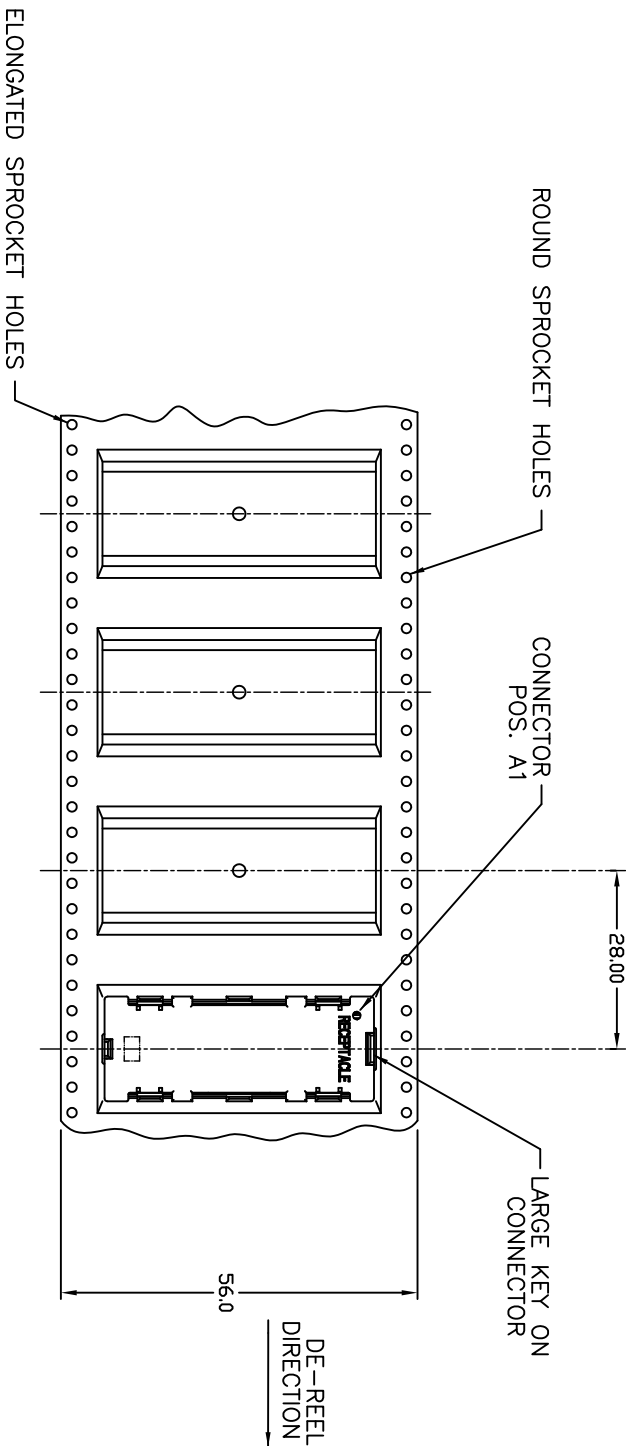
PRODUCT NUMBER
SEE TABLE-SHEET 3

1



2

3

4



TAPE & REEL PACKAGING
PER EIA 481-3

mat'l. code		surface		tolerance		projection		product family			
SEE NOTE 1		ASME Y14.5		ASME Y14.5				MEG-ARRAY			
litr	ecn no	dtr	date	tolerances unless otherwise specified				title			
K				angles		X ±.03		8.0mm RECEPTACLE ASSEMBLY			
				linear		XX ±.03		10 x 30 = 300 POS.			
				0° ±.2°		XXX ±.051		scale 1:1			
		dtr	D. WAUGHEN		2000-02-23				dwg no		
			W. SPINK		2000-02-23				sheet 4 of 4		
			W. SPINK		2000-02-23				size		
			W. SPINK		2000-02-23				A4		
				apdd		W. SPINK		2000-02-23		type	
revision								CUSTOMER Drawing			
index		sheet									