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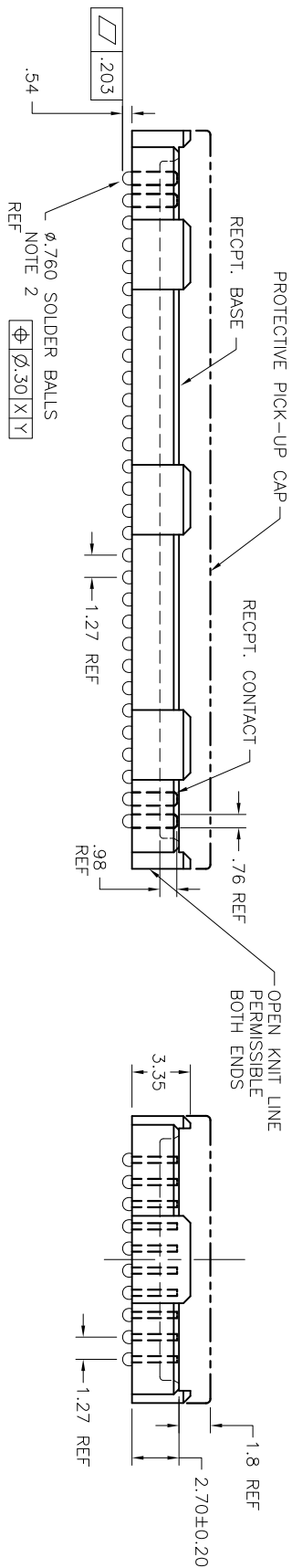
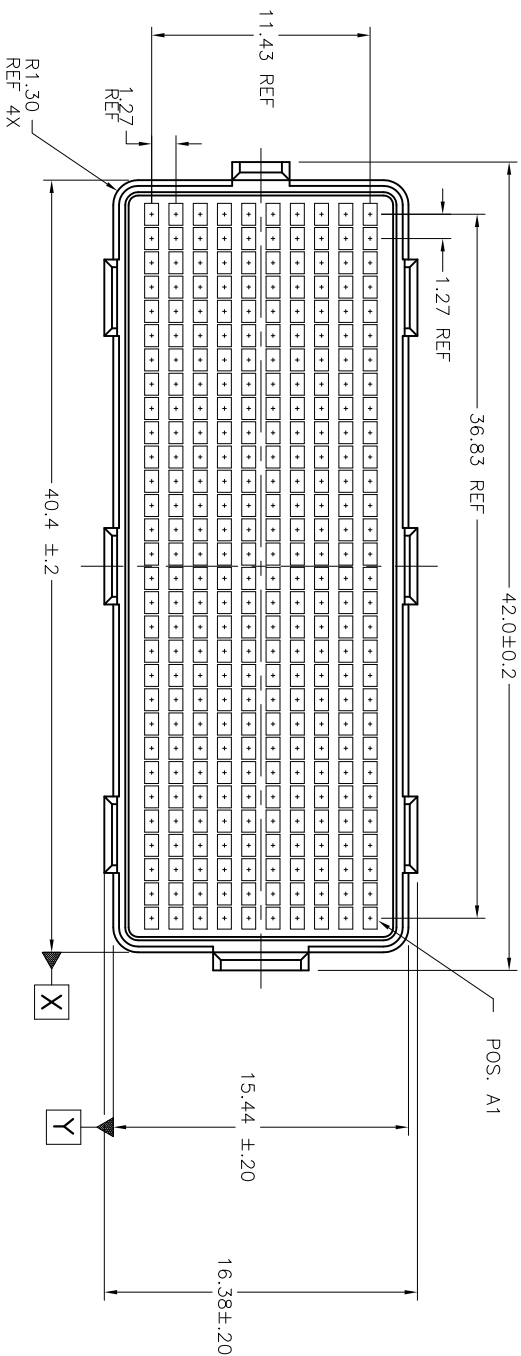


PRODUCT NUMBER
SEE TABLE

1 2

3

4



mat'l. code	SEE NOTE 1	surface	tolerance	projection	product family	title
lfr	ecm no.	dr	date	ASME Y14.5	ASME Y14.5	tolerances unless otherwise specified
-	-	-	-	angles	3x3	
L	V11-0028	HTB	2014-02	XXX.13		
M	V-012333	RE	2014-03	0' ±.2'	XXX.051	
N	V-13453-	DCH	2014-14	dr	D. WAUGHEN	1998-12-8
P	V-13453-	DCH	2014-06	brqj	D. HARPER	1998-12-8
R	V-18087	DCH	2014-05	cltr	D. HARPER	1998-12-8
S	V-26025	RWB	2014-06	qdd	D. HARPER	1998-12-8
sheet	revision	S	S	S		
index	sheet	1	2	3	4	



product family
MEG-ARRAY

dwg no
4mm RECEPTACLE ASSEMBLY
10 X 30 = 300 POS.

sheet 1 of 4
84501
A4

type
CUSTOMER Drawing

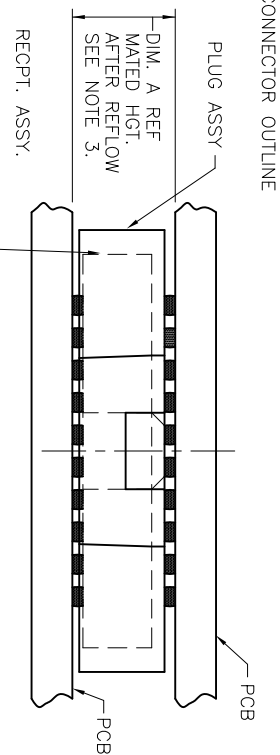
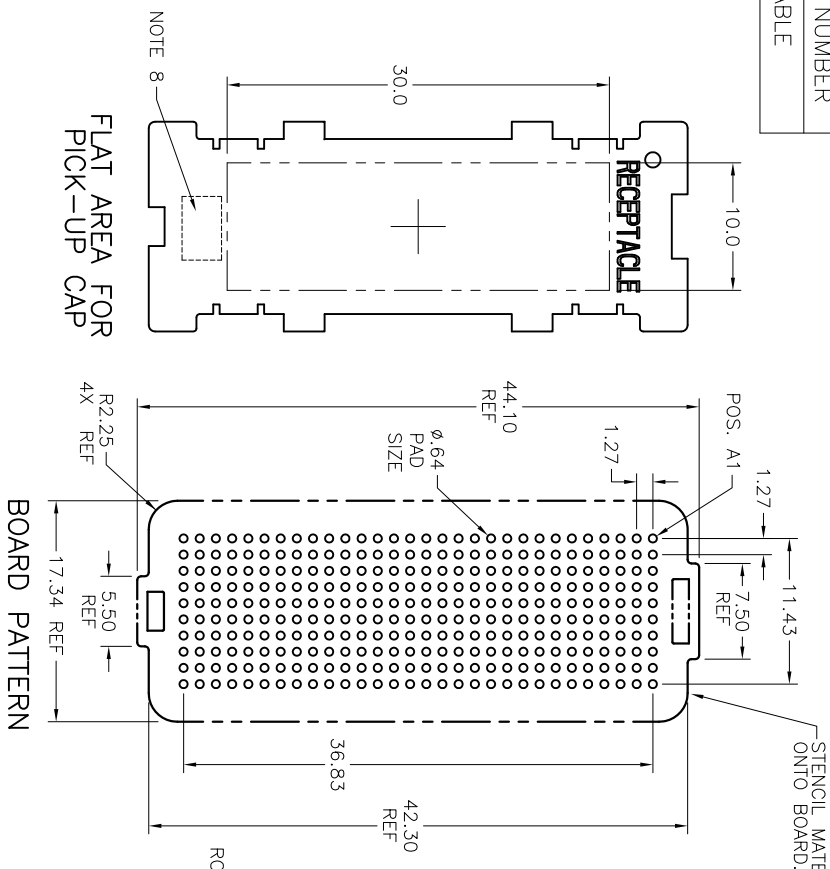
form: ArrayMLC

1

2

3

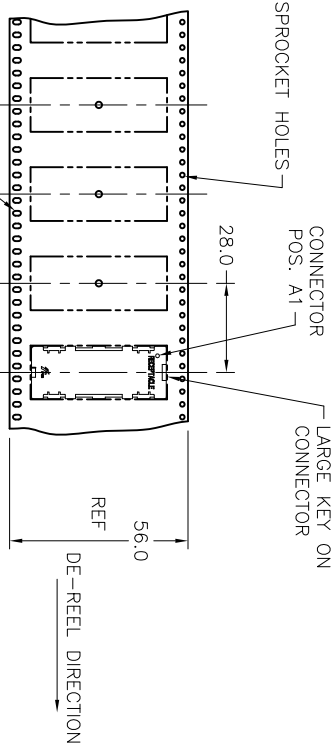
4



MATED HEIGHT TABLE		
DIM. A	PLUG ASSY. P/N	RECP.T. ASSY. P/N
4.0	84500	84501
10.0	84578	84501

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

END VIEW – MATED CONNECTORS SCALE NONE



ELONGATED SPROCKET HOLES—TAPE & REEL PACKAGING

PER EIA 481-3
SCALE NONE

mat'l code						surface						☒ tolerance						projection						product family					
SEE NOTE 1						ASME Y14.5						ASME Y14.5												MEG-ARRAY					
lfr						ecn no						dt						date						title					
S						angles						X+3						MM						4mm RECEPTACLE ASSEMBLY					
						0° ±.2°						XX+13						← →						10 X 30 = 300 POS.					
						XXX-051						scale 2:1												dwg no					
						D. WAUGHEN						1998-12-6												sheet 2 of 4					
						EJNGR D. HARPER						1998-12-6												size					
						CTR D. HARPER						1998-12-6												A4					
						appd D. HARPER						1998-12-6												type					
revision																								CUSTOMER Drawing					
index						steel																							



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3

4

PRODUCT NUMBER	PICK-UP CAP (NATURAL OR BLACK IN COLOR)	CONTACT PLATING AND THICKNESS	SOLDER BALL	NOTES
84501-001	YES	15µ" (.38µm) Au	SnPb	
84501-001LF	YES	15µ" (.38µm) Au	LEAD FREE	6
84501-091	YES	15µ" (.38µm) GXT	SnPb	
84501-091LF	YES	15µ" (.38µm) GXT	LEAD FREE	6
84501-093LF	YES	15µ" (.38µm) GXT	LEAD FREE	6 , 11
84501-101	YES	30µ" (.76µm) Au	SnPb	
84501-101LF	YES	30µ" (.76µm) Au	LEAD FREE	6
84501-191	YES	30µ" (.76µm) GXT	SnPb	
84501-191LF	YES	30µ" (.76µm) GXT	LEAD FREE	6
84501-201	YES	50µ" (1.27µm) Au SPECIAL	SnPb	4
84501-201LF	YES	50µ" (1.27µm) Au SPECIAL	LEAD FREE	4 AND 6
84501-291	YES	50µ" (1.27µm) GXT SPECIAL	SnPb	4
84501-291LF	YES	50µ" (1.27µm) GXT SPECIAL	LEAD FREE	4 AND 6
84501-A01	YES	30µ" (.76µm) Au SPECIAL	SnPb	7
84501-A01LF	YES	30µ" (.76µm) Au SPECIAL	LEAD FREE	6 & 7
84501-301	YES	15µ" (.38µm) Au SPECIAL	SnPb	7
84501-301LF	YES	15µ" (.38µm) Au SPECIAL	LEAD FREE	6 & 7
84501-401	YES	30µ" (.76µm) Au SPECIAL	SnPb	7
84501-401LF	YES	30µ" (.76µm) Au SPECIAL	LEAD FREE	6 & 7
84501-501	YES	Au SPECIAL	SnPb	4 & 7
84501-501LF	YES	Au SPECIAL	LEAD FREE	4, 6 & 7

mat'l. code		surface		tolerance		projection		product family	
SEE NOTE 1		ASPC Y4.5		ASPC Y4.5				MEG-ARRAY	
lfr	ecn no	dr	date	intolerances unless otherwise specified				title	
s				angles				4mm RECEPTACLE ASSEMBLY	
				D. WAUGHEN				10 X 30 = 300 POS.	
				D. HARPER				sheet 3 of 4	
				D. HARPER				size	
				D. HARPER				A4	
sheet	revision			D. HARPER				CUSTOMER Drawing	
index	sheet								

form: ArrayMLC

1

2

3

4

NOTES:

① MATERIAL

HOUSING: LCP
CONTACT: COPPER ALLOY

PLATING

CONTACT: (SEE TABLE ON SHEET3)
SOLDER BALL: (SEE TABLE ON SHEET3)
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 -2XX SERIES PRODUCT NUMBERS MEET THE REQUIREMENTS OF GR-1217-CORE, CENTRAL OFFICE ENVIRONMENT, (25 YEAR LIFE EXPECTANCY). THE CONTACTS IN THESE PRODUCT NUMBERS ALSO HAVE SPECIAL CONTACT GEOMETRY.

⑤ 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.

⑥ 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.

⑦ 84501-A01 AND -A01LF ARE CUSTOMER SPECIALS.

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

9. 84501-301, -301LF, -401, -401LF, -501 and -501LF ARE OBSOLETE.

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

⑪ 84501-093LF HAS A SPECIAL CAP 

mat'l. code	SEE NOTE 1	surface	tolerance	projection	product family
lfr	ecn no	dr	date	ASPC Y4.5	ASPC Y4.5
S		angles	3x3	MM	4mm RECEPTACLE ASSEMBLY
		dr	D. WAUGHEN	Scale 2:1	10 X 30 = 300 POS.
		dr	D. HARPER		84501
		dr	D. HARPER		sheet 4 of 4
		dr	D. HARPER		size A4
sheet	revision	appd	D. HARPER		CUSTOMER Drawing
index	sheet				