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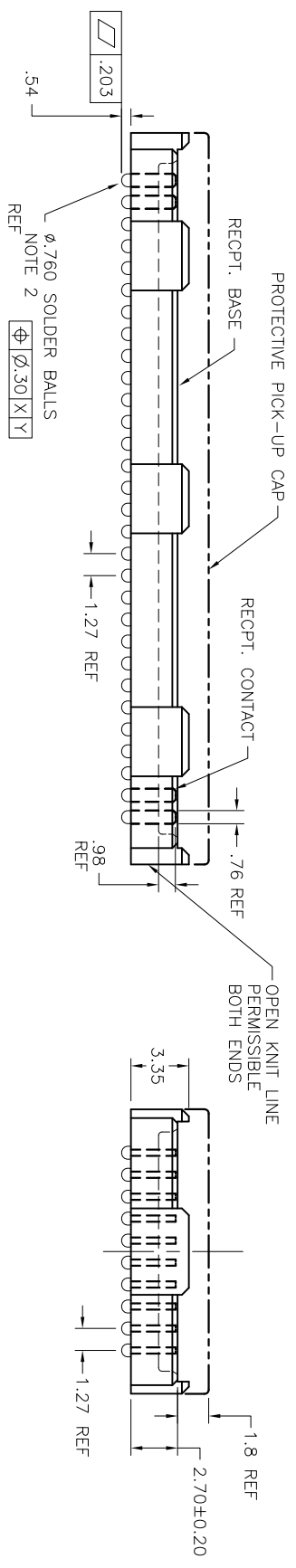
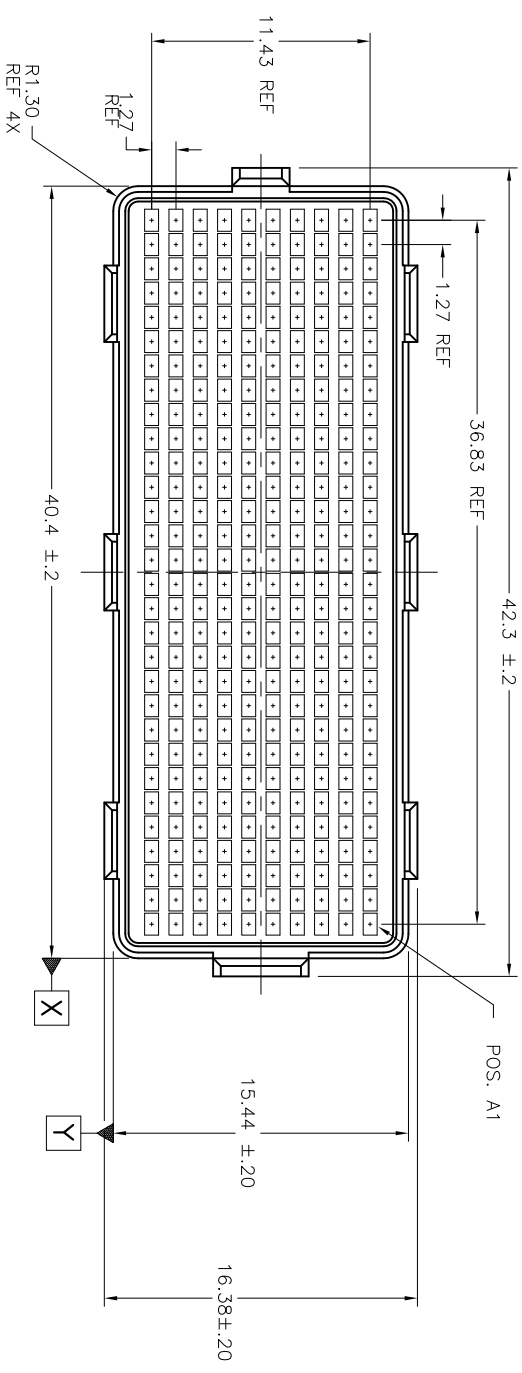


PRODUCT NUMBER
SEE TABLE

1 | 2

3 |

4



mat'l code	SEE NOTE 1	date	surface	tolerance	projection	product family	title
lfr	ecm no.	dfr	ASME Y14.5	ASME Y14.5	MM	MEG-ARRAY	
K	V06-0560	LP	2006-07-8	XXX.13			4mm RECEPTACLE ASSEMBLY
L	V11-0028	HTB	2011-06-02	XXX.13			10 X 30 = 300 POS.
M	V-012333	RE	2002-07-30	XXX.051	Scale: 3:1		
N	V-13453-	DCH	2012-11-14				
H	V04-0940	VS	2004-06-18				
J	V05-1071	DAI	2005-02-21				
Sheet	revision						
index	Sheet	1	2	3	4		



dwg no
84501

sheet 1 of 4 size
A4

CUSTOMER Drawing

form: ArrmX11c

1 |

2 |

3 |

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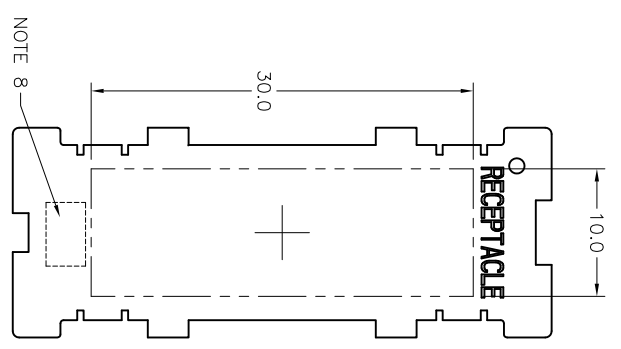


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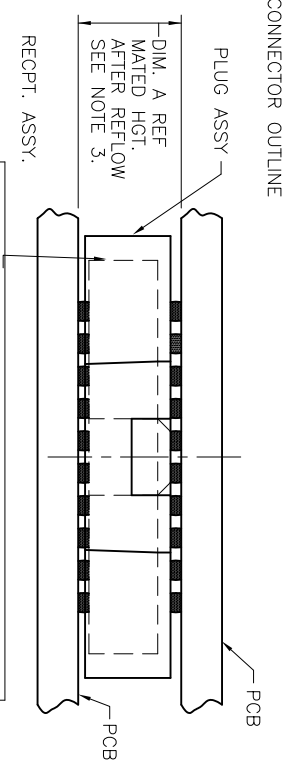
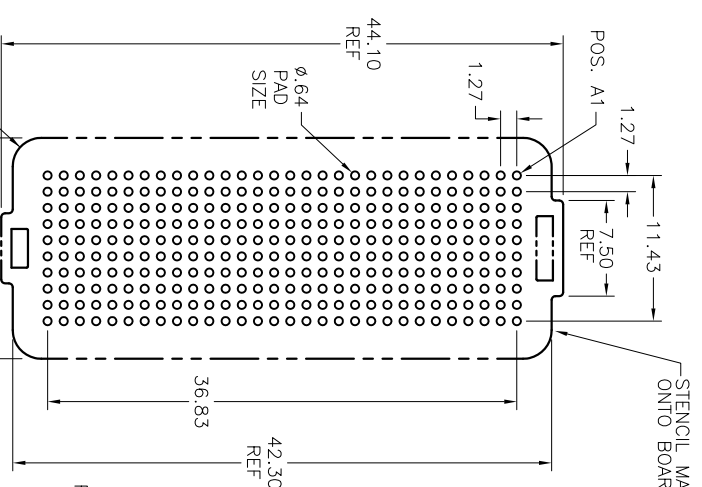
3 |

4

PRODUCT NUMBER
SEE TABLE



FLAT AREA FOR PICK-UP CAP

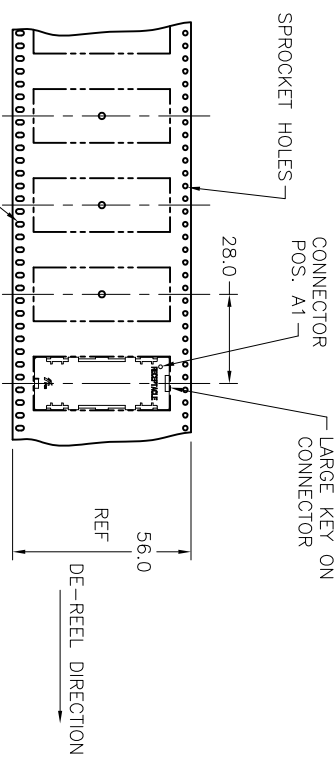


MATED HEIGHT TABLE

DIM. A	PLUG ASSY. P/N	RECPT. ASSY. P/N
4.0	84500	84501
10.0	84578	84501

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 SCALE NONE



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	MM	MEG-ARRAY
litr	ecm no.	date	angles	title
N			XX.43	4mm RECEPTACLE ASSEMBLY
			XX.43	10 X 30 = 300 POS.
			XXX.451	Scale: 2:1
	dr	D. WAUGHEN	1998-2-6	dwg no
	plgjr	D. HARPER	1998-2-6	84501
	cltr	D. HARPER	1998-2-6	sheet 2 of 4
	apdd	D. HARPER	1998-2-6	size
sheet	revision			A4
index				CUSTOMER Drawing



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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
84501-101	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

1 | 2

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form: Arrm1xlc

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mat'l code	SEE NOTE 1	surface	tolerance	projection	product family
litr	ecn no	dr	date	ASME Y14.5	MEG-ARRAY
N		angles	ASME Y14.5	ASME Y14.5	title
		0° ±2'	tolerances unless otherwise specified	MM	4mm RECEPTACLE ASSEMBLY
		dr	XXXX051	Scale: 2:1	10 X 30 = 300 POS.
		plngj	D. WAUGHEN 1998-2-6		dwg no
		dlr	D. HARPER 1998-2-6		84501
		apdd	D. HARPER 1998-2-6		sheet 3 of 4
sheet	revision				size
index	sheet				A4
					CUSTOMER Drawing

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/44Ag/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

mat'l code	SEE NOTE 1	surface	tolerance	projection	product family
lfr	ecm no	dr	date	ASME Y14.5	ASME Y14.5
				angles	unless otherwise specified
				0° ±2'	XXX.X
				dr	D. WASHINGTON 999-12-6
				plqj	D. HARPER 999-12-6
				dlr	D. HARPER 999-12-6
				qdd	D. HARPER 999-12-6
sheet	revision				
index	sheet				

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

B

A

B

A