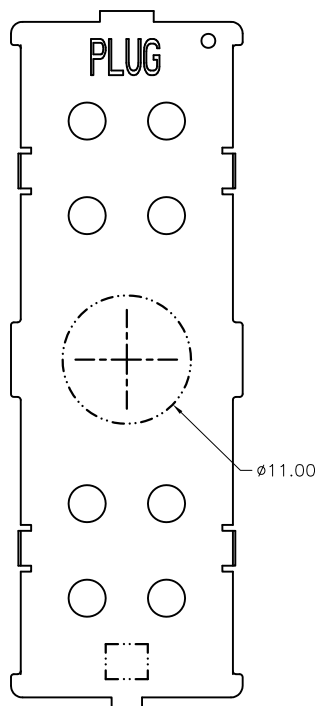
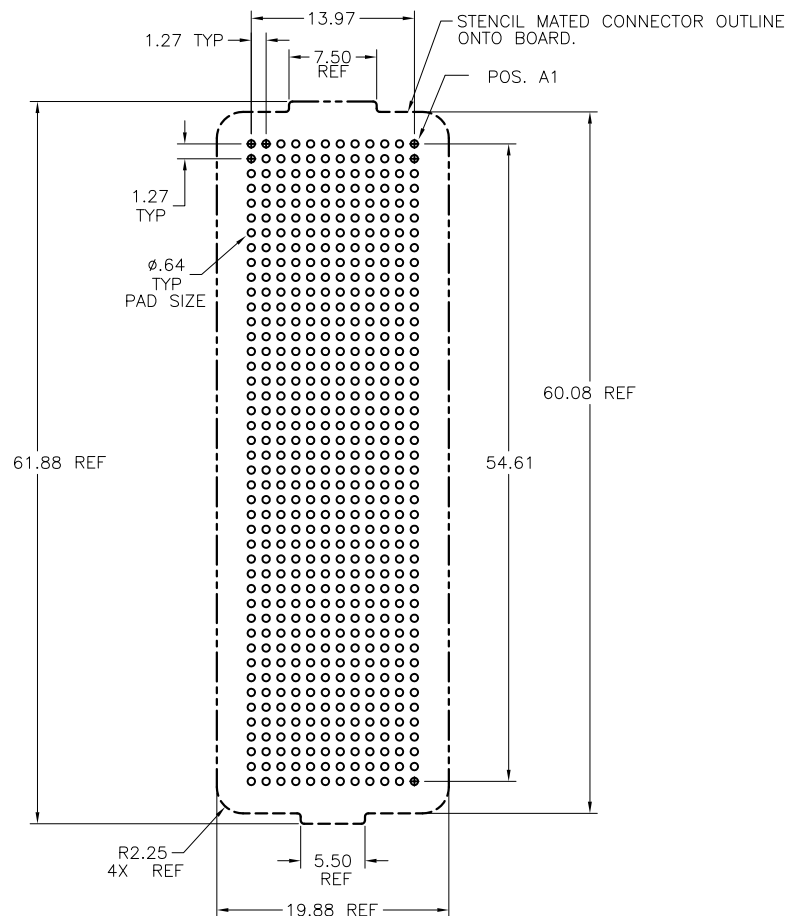




mat'l. code SEE NOTE 1				surface ASME Y14.5	tolerance ASME Y14.5	projection	product family MEG-Array
ltr	ec'n no	dr	date	tolerances unless otherwise specified			title
A	V03-1102	LP	2003-10-20	angles	X ±3	MM	0mm PLUG ASSY 12 X 44 = 528 POS.
B	V04-0940	VS	2004-10-13	0° ±2'	XX ±10		
C	V06-0560	LP	2006-07-17		XXX ±050	scale 1:1	dwg no
D	V12-0031	SJ	2012-08-03	dr	D.INGRAM	2003-02-05	sheet 1 of 4
E	V12-0050	DCH	2012-11-20	enfr	D.WHITING	2003-02-05	size
				chr	D.WHITING	2003-02-05	10022671
				appd	D.WHITING	2003-02-05	A4
sheet	revision	E	E	E	E		type
index	sheet	1	2	3	4		CUSTOMER Drawing



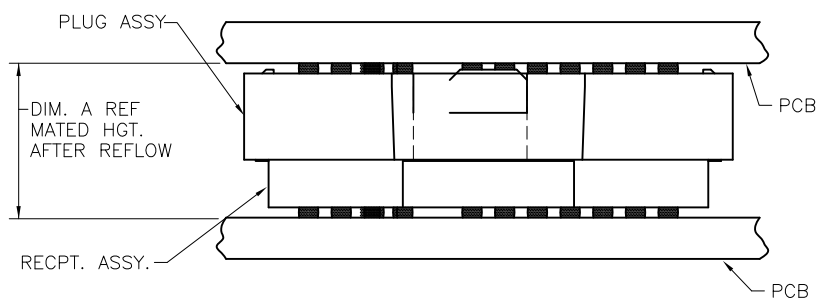
VACUUM AREA  
FOR OPTIONAL  
PICK UP CAP



**BOARD PATTERN**  
SCALE 2/1

mat'l. code	SEE NOTE 1	surface	ASME Y14.5	tolerance	ASME Y14.5	projection	product family
ltr	ecm no	dr	date	tolerances unless otherwise specified			MEG-Array
E				angles	$\frac{1}{16}$ to $\frac{1}{8}$	MM	<b>0mm PLUG. ASSY</b> 12 X 44 = 528 POS.
				$0^\circ \pm 2^\circ$	XXX $\pm 0.50$	scale 1:1	
		dr	D. INGRAM	2003-02-05			dwg no
		enr	D. WHITING	2003-02-05			sheet 2 of 4
		chr	D. WHITING	2003-02-05			size
		appd	D. WHITING	2003-02-05			A4
sheet index	revision sheet						type
							CUSTOMER Drawing

PRODUCT NUMBER	PICK-UP CAP (NATURAL OR BLACK IN COLOR)	CONTACT PLATING AND THICKNESS	SOLDER BALL	NOTES
10022671-002	YES	15μ" (.38μm) Au	SnPb	
10022671-002LF	YES	15μ" (.38μm) Au	LEAD FREE	8
10022671-092	YES	15μ" (.38μm) GXT	SnPb	
10022671-092LF	YES	15μ" (.38μm) GXT	LEAD FREE	8
10022671-102	YES	30μ" (.76μm) Au	SnPb	
10022671-102LF	YES	30μ" (.76μm) Au	LEAD FREE	8
10022671-192	YES	30μ" (.76μm) GXT	SnPb	
10022671-192LF	YES	30μ" (.76μm) GXT	LEAD FREE	8
10022671-202	YES	50μ" (1.27μm) Au SPECIAL	SnPb	4 AND 5
10022671-202LF	YES	50μ" (1.27μm) Au SPECIAL	LEAD FREE	4, 5, and 8
10022671-292	YES	50μ" (1.27μm) GXT SPECIAL	SnPb	4 AND 5
10022671-292LF	YES	50μ" (1.27μm) GXT SPECIAL	LEAD FREE	4, 5 AND 8
<del>10022671-302</del>	<del>YES</del>	<del>15μ" (.38μm) Au SPECIAL</del>	<del>SnPb</del>	<del>9</del>
<del>10022671-302LF</del>	<del>YES</del>	<del>15μ" (.38μm) Au SPECIAL</del>	<del>LEAD FREE</del>	<del>8 &amp; 9</del>
<del>10022671-402</del>	<del>YES</del>	<del>30μ" (.76μm) Au SPECIAL</del>	<del>SnPb</del>	<del>9</del>
<del>10022671-402LF</del>	<del>YES</del>	<del>30μ" (.76μm) Au SPECIAL</del>	<del>LEAD FREE</del>	<del>8 &amp; 9</del>
<del>10022671-502</del>	<del>YES</del>	<del>Au SPECIAL</del>	<del>SnPb</del>	<del>4, 5 &amp; 9</del>
<del>10022671-502LF</del>	<del>YES</del>	<del>Au SPECIAL</del>	<del>LEAD FREE</del>	<del>4, 5, 8 &amp; 9</del>



MATED HEIGHT TABLE		
DIM. A	RECT. ASSY. P/N	PLUG ASSY. P/N
6.0	10026846-X01	10022671-X02

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

mat'l. code SEE NOTE 1				surface ASME Y14.5	tolerance ASME Y14.5	projection	product family MEG-Array
ltr	ecr no	dr	date	tolerances unless otherwise specified		MM	title
E				angles	X ±3 XX ±10 XXX ±050		0mm PLUG ASSY 12 X 44 = 528 POS.
				dr	D.INGRAM	2003-02-05	dwg no
				enrg	D.WHITING	2003-02-05	sheet 3 of 4
				chr	D.WHITING	2003-02-05	size
				appd	D.WHITING	2003-02-05	10022671
sheet index	revision sheet						A4
							type CUSTOMER Drawing

## NOTES:

## ①. MAT'L:

HOUSING: LCP

CONTACT: COPPER ALLOY

## PLATING:

CONTACT: (SEE TABLE ON SHEET3)

SOLDER BALL: (SEE TABLE ON SHEET3)

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, &amp; SOLDER PASTE.


## ④. PLATING FOR INDICATED -2XX SERIES PRODUCT NUMBER MEET THE REQUIREMENTS OF GR-1217-CORE, CENTRAL OFFICE ENVIRONMENT, (25 YEAR LIFE EXPECTANCY).




## ⑤. PLATING FOR INDICATED -2XX SERIES PART NOS. IS Au OVER Ni WITH SPECIAL CONTACT GEOMETRY TO MEET REQUIREMENTS OF TELCORDIA GR-1217-CORE: CENTRAL OFFICE ENVIRONMENT.

## ⑥. KNIT 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.

## ⑦. 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

## ⑧. 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

11. 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 ASME Y14.5		tolerance ASME Y14.5		projection 		product family MEG-Array			
ltr	ecn no	dr	date	tolerances unless otherwise specified					title				
E				angles		X ±3	0mm PLUG ASSY 12 X 44 = 528 POS.						
						XX ±10							
				0° ±2'		XXX ±050							
				dr	D.INGRAM	2003-02-05		dwg no		sheet 4 of 4		size	
				engr	D.WHITING	2003-02-05		10022671		A4			
				chr	D.WHITING	2003-02-05							
				appd	D.WHITING	2003-02-05							
sheet index		revision sheet											