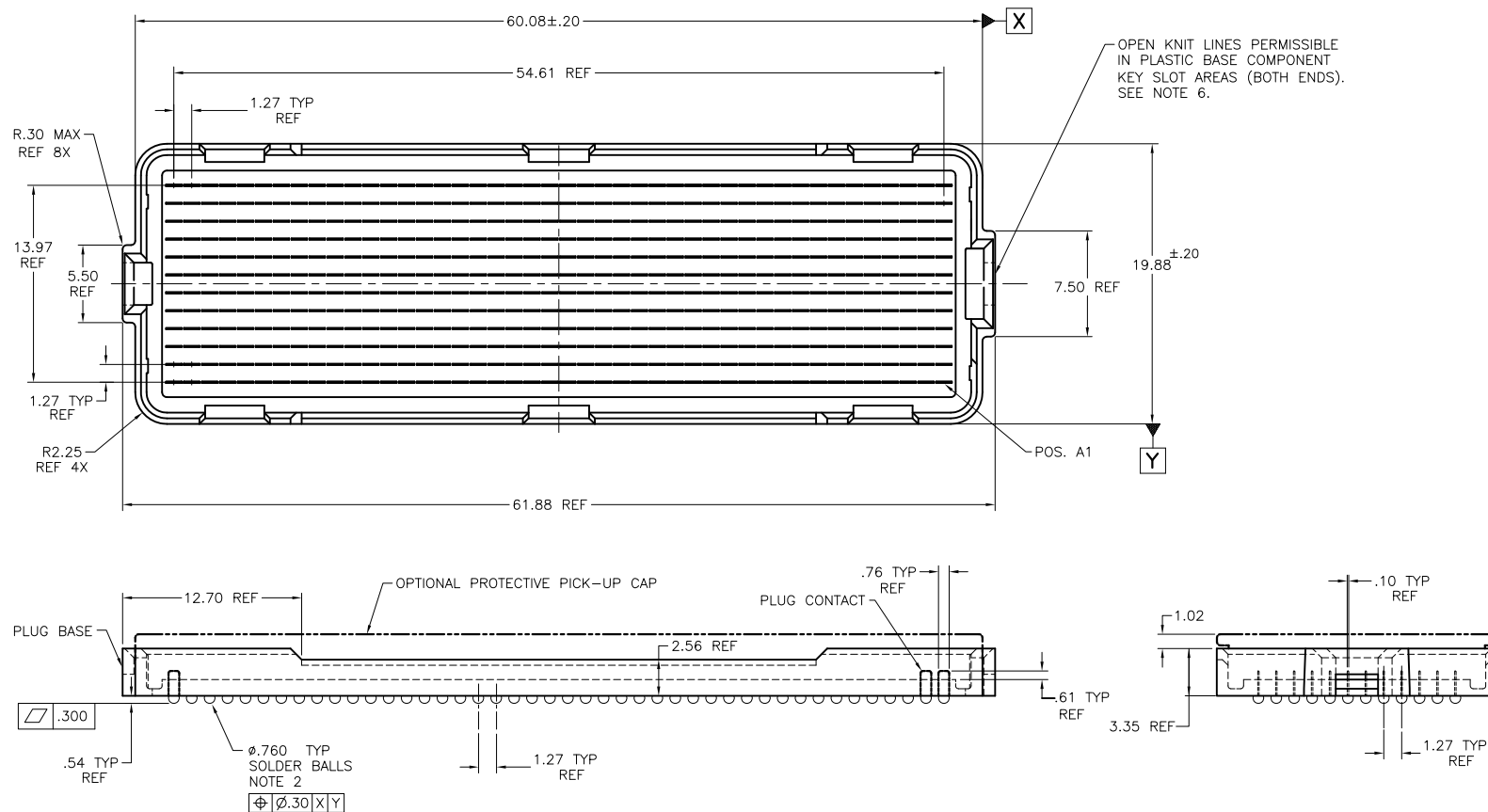
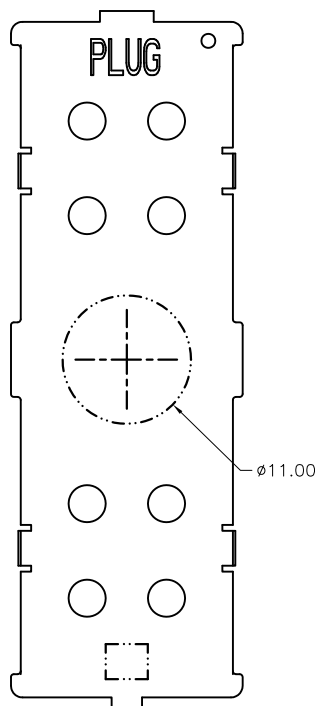
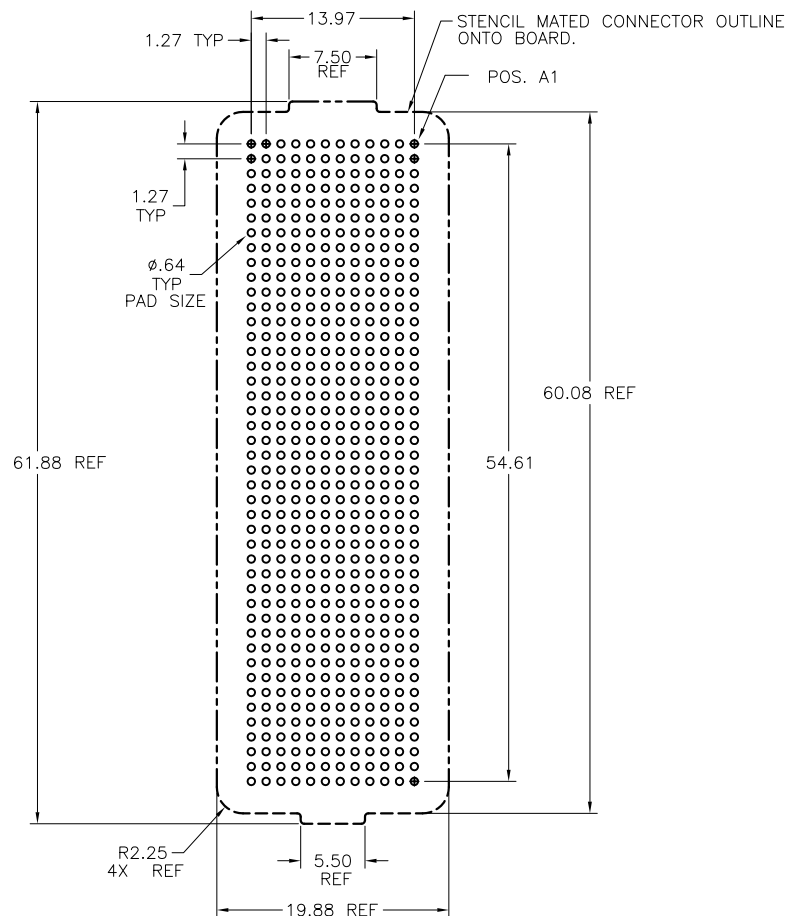




mat'l. code SEE NOTE 1				surface ASME Y14.5 ✓		tolerance ASME Y14.5		projection 		product family MEG-Array			
ltr	ecn no	dr	date	tolerances unless otherwise specified				 MM		title			
A	V03-1102	LP	2003-10-20	angles						0mm PLUG ASSY			
B	V04-0940	VS	2004-10-13							12 X 44 = 528 POS.			
C	V06-0560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



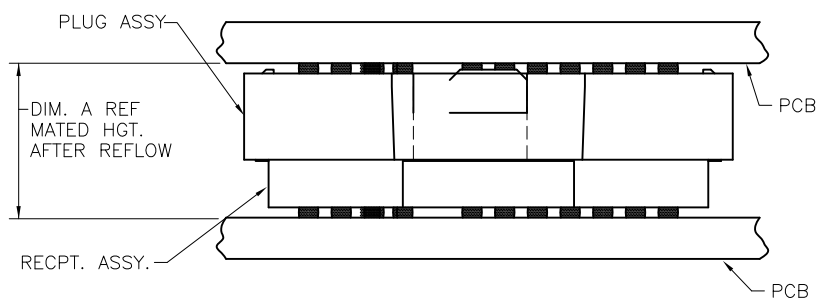
VACUUM AREA
FOR OPTIONAL
PICK UP CAP



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	X ±3 XX ±10 XXX ±050	MM	title
				0° ±2°		scale 1:1	0mm PLUG. ASSY 12 X 44 = 528 POS.
		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			10022671
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
10022671-302	YES	15μ" (.38μm) Au SPECIAL	SnPb	9
10022671-302LF	YES	15μ" (.38μm) Au SPECIAL	LEAD FREE	8 & 9
10022671-402	YES	30μ" (.76μm) Au SPECIAL	SnPb	9
10022671-402LF	YES	30μ" (.76μm) Au SPECIAL	LEAD FREE	8 & 9
10022671-502	YES	Au SPECIAL	SnPb	4, 5 & 9
10022671-502LF	YES	Au SPECIAL	LEAD FREE	4, 5, 8 & 9



MATED HEIGHT TABLE		
DIM. A	RECPT. 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	ecn no	dr	date	tolerances unless otherwise specified			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
				enfr	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						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, & 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	ecr no	dr	date	tolerances unless otherwise specified		MM 1:1	title 0mm PLUG ASSY 12 X 44 = 528 POS.	
E				angles	X ±3		dwg no 10022671	
				0° ±2°	XX ±10			
					XXX ±050			
				dr	D.INGRAM	2003-02-05	sheet 4 of 4	
				engr	D.WHITING	2003-02-05	size A4	
				chr	D.WHITING	2003-02-05	type CUSTOMER Drawing	
				appd	D.WHITING	2003-02-05		
sheet index	revision sheet							

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[FCI / Amphenol:](#)

[10022671-102](#) [10022671-102LF](#) [10022671-002](#) [10022671-002LF](#) [10022671-202](#) [10022671-202LF](#) [10022671-092LF](#) [10022671-292LF](#) [10022671-192LF](#)