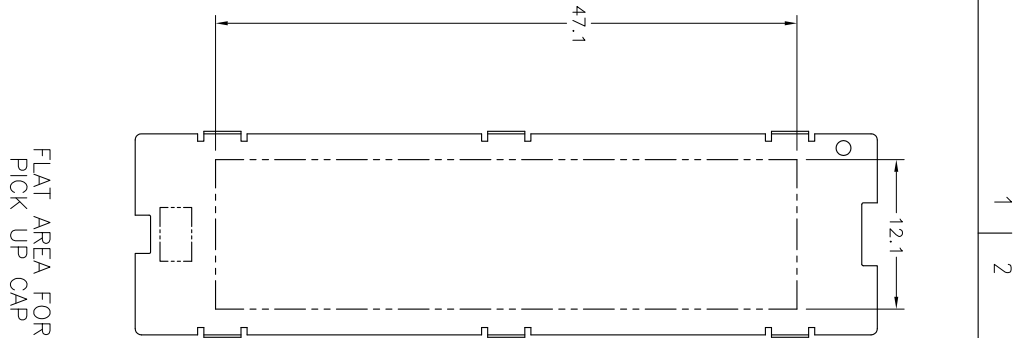


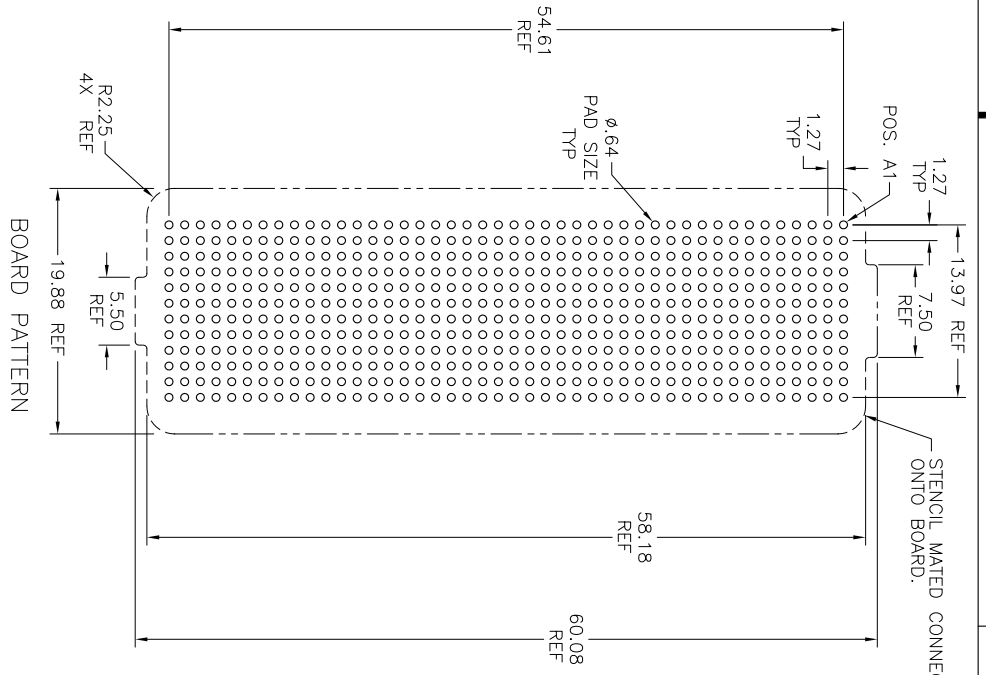
mat'l code	SEE NOTE 1	surface	tolerance	projection	product family
ln	ecn no	dr	date	ASME Y14.5	ASME Y14.5
A	V03-1102	LP	2003-09-20	angles	X±3
B	V04-0940	VS	2004-10-18	flatness	XX±.13
C	V06-0560	LP	2006-07-14	flatness	XXX±.051
D	V-012333	RE	2007-06-08	D.LINGRAM	2009-04-01
E	V-13500-	DOCH	2012-11-20	D.WHITTING	2009-04-01
F	V-21047	RVB	2015-06-08	D.WHITTING	2009-04-01
G	V-21531	RVB	2015-07-27	D.WHITTING	2009-04-01
sheet	revision	G	G	G	
index	sheet	1	2	3	



title  
6mm RECP.T. ASSY.  
12 X 44 = 528 POS.  
scale 1:1  
dwg no  
sheet 1 of 3  
size  
A4  
CUSTOMER Drawing



FLAT AREA FOR PICK UP CAP



BOARD PATTERN

mat'l code	SEE NOTE 1	surface	ASME Y14.5	tolerance	ASME Y14.5	projection	MM	product family	MEG-ARRAY
lit	ecn no	dr	date	tolerances unless otherwise specified				title	6mm RECAPT. ASSY.
G				angles	X+3				12 X 44 = 528 POS.
				0° ±2'	XXX±051			scale	1:1
		dr		D.INGRAM	2003-04-01			dwg no	10026846
		engr		D.WHITING	2003-04-01			sheet 2 of 3	A4
		chr		D.WHITING	2003-04-01			size	A4
		appd		D.WHITING	2003-04-01			customer drawing	
sheet	revision								
index	sheet								

PRODUCT NUMBER	PICK-UP CAP (NATURAL OR BLACK COLOR)	CONTACT PLATING AND THICKNESS	SOLDER BALL	NOTES
10026846-001	YES	15u" (.38um) Au	SnPb	
10026846-001LF	YES	15u" (.38um) Au	LEAD FREE	6
10026846-091	YES	15u" (.38um) GXT	SnPb	
10026846-091LF	YES	15u" (.38um) GXT	LEAD FREE	6
10026846-091BF	WITH VENT HOLES	15u" (.38um) GXT	SnPb	
10026846-091BLF	WITH VENT HOLES	15u" (.38um) GXT	LEAD FREE	6
10026846-101	YES	30u" (.76um) Au	SnPb	
10026846-101LF	YES	30u" (.76um) Au	LEAD FREE	6
10026846-191	YES	30u" (.76um) GXT	SnPb	
10026846-191LF	YES	30u" (.76um) GXT	LEAD FREE	6
10026846-201	YES	50u" (1.27um) Au SPECIAL	SnPb	4
10026846-201LF	YES	50u" (1.27um) Au SPECIAL	LEAD FREE	4 AND 6
10026846-291	YES	50u" (1.27um) GXT SPECIAL	SnPb	4
10026846-291LF	YES	50u" (1.27um) GXT SPECIAL	LEAD FREE	4 AND 6

NOTES:

① MATL:  
HOUSING: LCP  
CONTACT: COPPER ALLOY

PLATING:

CONTACT: (SEE TABLE)  
SOLDER BALL: (SEE TABLE)  
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.

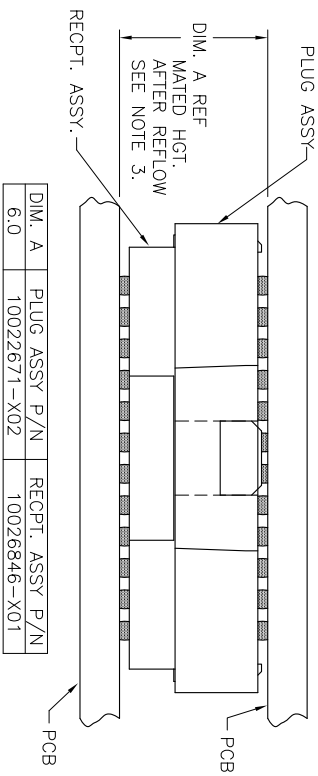
④ PLATING FOR INDICATED -2XX SERIES PRODUCT NUMBERS MEET THE REQUIREMENTS OF GR-1217-CORE, CENTRAL OFFICE ENVIRONMENT, (25 YEAR LIFE EXPECTANCY), THE CONTACT GEOMETRY IN THESE PRODUCT NUMBERS IS SPECIAL, ALSO.

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 10026846-301, -301LF, -401, -401LF, -501, -501LF ARE OBSOLETE.

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



MATED HEIGHT AFTER REFLOW IS BASED ON  $\phi$  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	date	surface	tolerance	projection	product family	title
lit	ecp no	dr	ASME Y14.5	ASME Y14.5	$\nabla$	MEG-ARRAY	6mm RECP.T. ASSY.
G			tolerances unless otherwise specified	X+.3	MM		12 X 44 = 528 POS.
				XX+.13			
				XXX+.051	SCALE 1:1		
			DR	D.INGRAM			dwg no
			ENGR	D.WHITING			10026846
			CHK	D.WHITING			sheet 3 of 3
			APPR	D.WHITING			size
							A4
sheet	revision						CUSTOMER Drawing
index	sheet						