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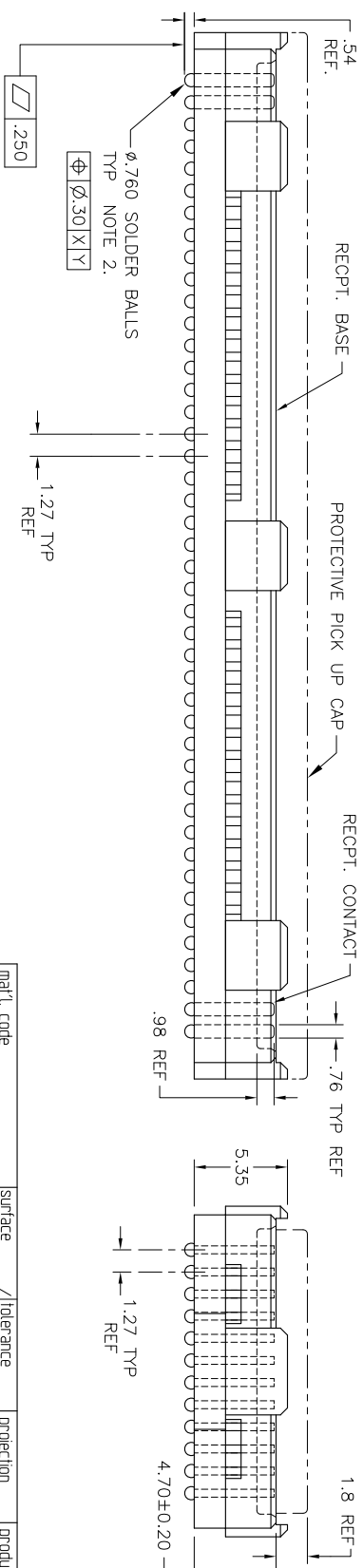
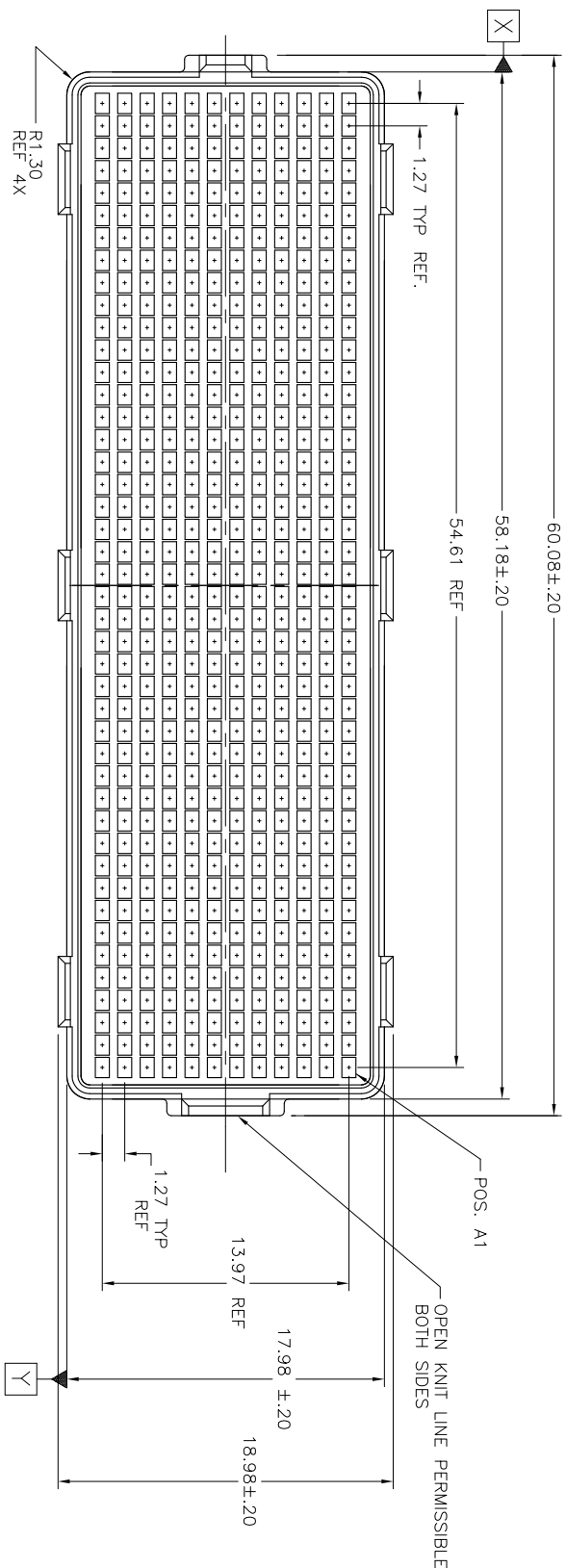
FCIconnect.com



3



4



Ø.760 SOLDER BALLS
TYP NOTE 2.
Ø.30 X Y

.250

mat'l. code				surface		tolerance		projection		product family	
SEE NOTE 1				ASME Y14.5		ASME Y14.5				MEG-ARRAY	
lfr	ecn no	dr	date	tolerances unless otherwise specified		X+3		MM		6mm RECP. ASSY.	
A	VO3-1102	LP	2003-0-20	angles	90	XX+13		1:1		12 X 44 = 528 POS.	
B	VO4-0940	VS	2004-10-8	0° ±2°		XXX+051					
C	VO6-0560	LP	2006-07-14	D INGRAM		2003-04-01					
D	V-012333	RE	2002-06-08	dr		2003-04-01					
E	V-13500-1	DOCH	2012-11-20	D.WHITTING		2003-04-01					
F	V-21047	RWB	2015-06-08	D.WHITTING		2003-04-01					
G	V-21531	RWB	2015-07-27	D.WHITTING		2003-04-01					
revision				G	G	G					
sheet				1	2	3					
index				Sheet	1	2	3				



10026846

CUSTOMER Drawing

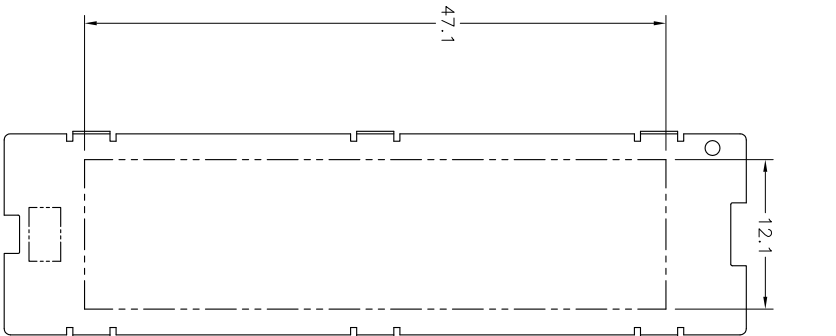
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1

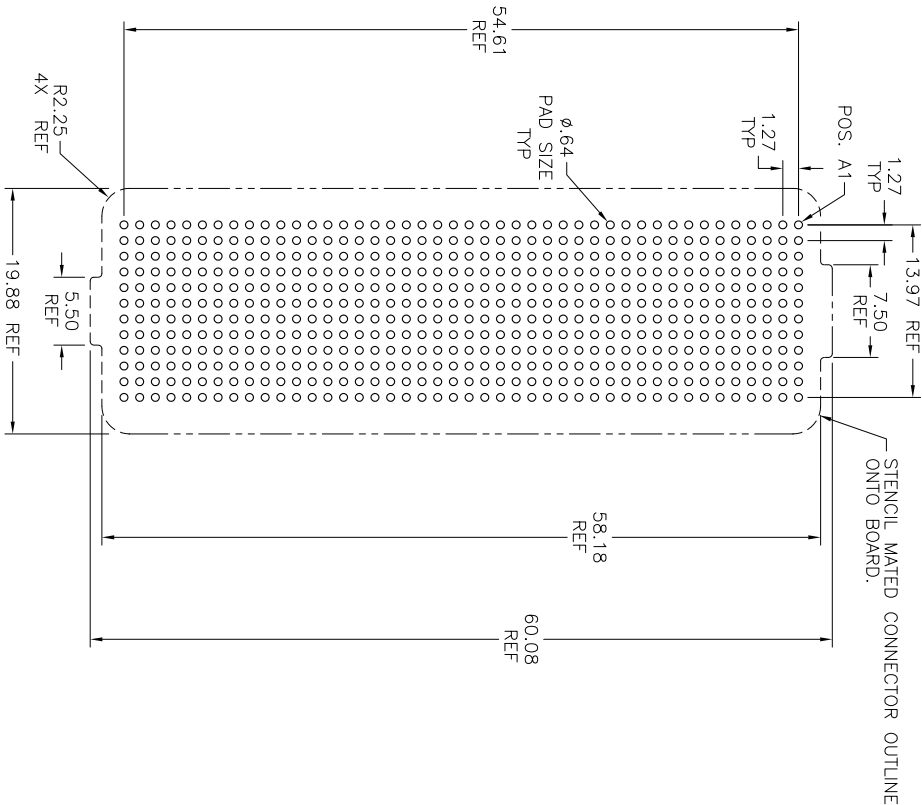
2

3

4



FLAT AREA FOR
PICK UP CAP



STENCIL MATED CONNECTOR OUTLINE
ONTO BOARD.

BOARD PATTERN

mat'l code				surface		tolerance		projection		product family	
SEE NOTE 1				ASME Y14.5		ASME Y14.5		⌀ - 1/16		MEG-ARRAY	
lfr	ecp no	dr	date	tolerances unless otherwise specified						title	
G				angles		X+3		MM		6mm RECP. ASSY.	
				0° ±2°		XX±13		1:1		12 X 44 = 528 POS.	
				D.JINGRAM		2003-04-01				sheet 2 of 3	
				ENG		D.WHITING				10026846	
				CH		D.WHITING				A4	
				appt		D.WHITING				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:

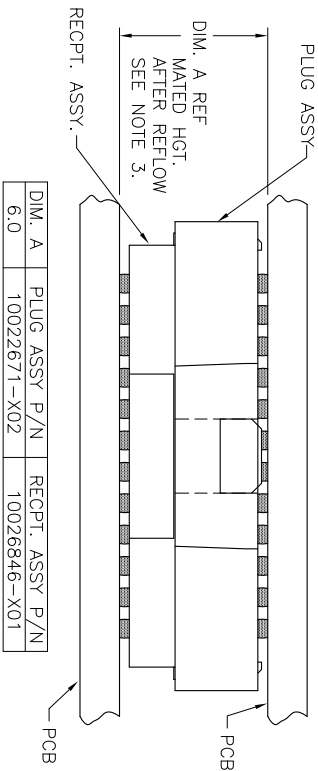
- ①. MAT'L:
HOUSING: LCP
CONTACT: COPPER ALLOY

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, AND -501LF ARE OBSOLETE.

9. A  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 ϕ .64mm PAD (METAL-DEFINED) AND .13mm SOLDER PASTE STENCIL THICKNESS. SEE NOTE 3.

END VIEW - MATED CONNECTORS SCALE NONE

mat'l code		surface		tolerance		projection		product family	
SEE NOTE 1		ASME Y14.5		ASME Y14.5				MEG-ARRAY	
lfr	ecn no	dr	date	tolerances unless otherwise specified				title	
G				angles	X+.3	MM		6mm RECPT. ASSY.	
				or +.2	XX+.13			12 X 44 = 528 POS.	
				dr	D.INGRAM	scale 1:1		dwg no	
				engr	D.WHITTING			sheet 3 of 3	
				chr	D.WHITTING			10026846	
				apprd	D.WHITTING			CUSTOMER Drawing	
sheet index	revision	sheet							size