



Copyright FCI



FCI

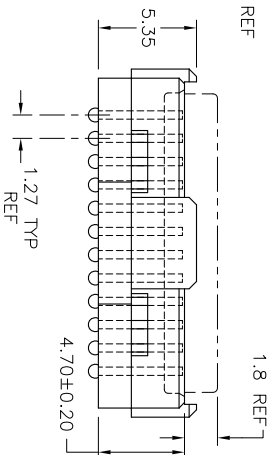
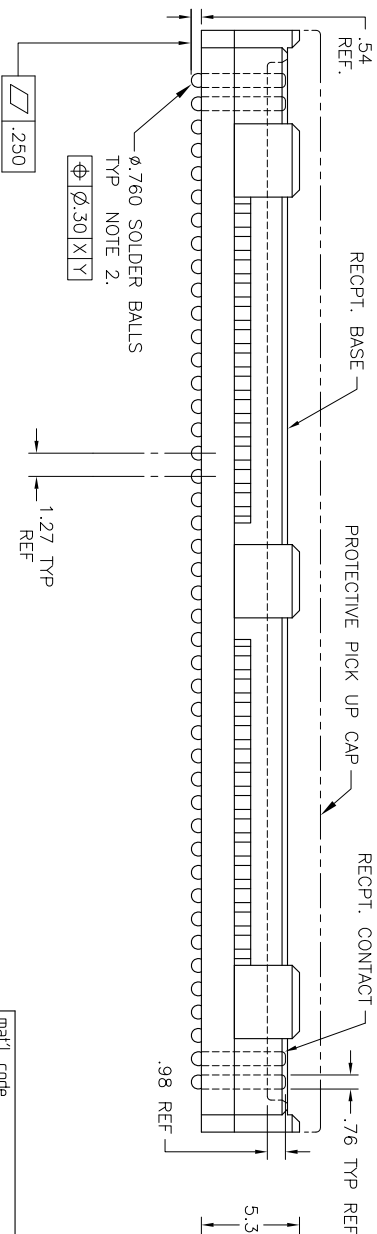
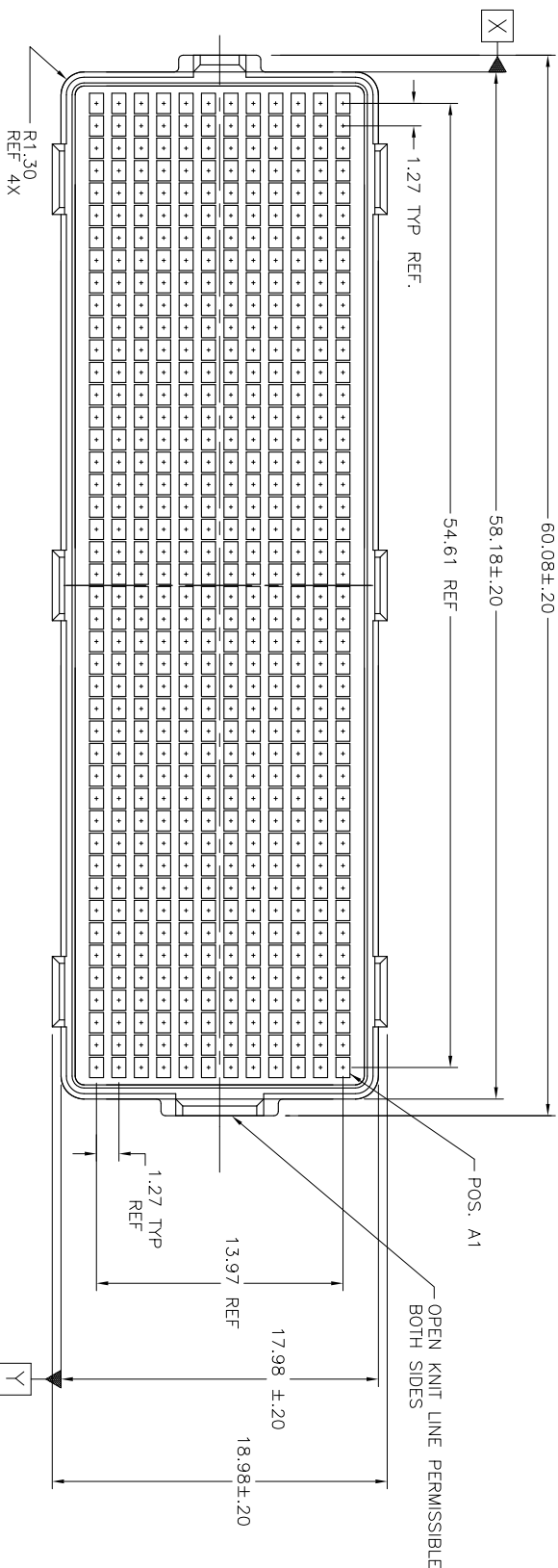
FCIconnect.com



3



4



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



10026846

CUSTOMER Drawing

form: A4mmXLC

1

2

3

4



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	
6				angles	X*3			6mm RECP.T. ASSY.	
				line	XX*3	MM		12 X 44 = 528 POS.	
				o' ±.2	XXX*101	scale 1:1		dwg no	
				dr	D. INGRAM			sheet 2 of 3	
				ENGR	D. WHITING			10026846	
				chr	D. WHITING			A4	
				apprd	D. WHITING			type	
								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.

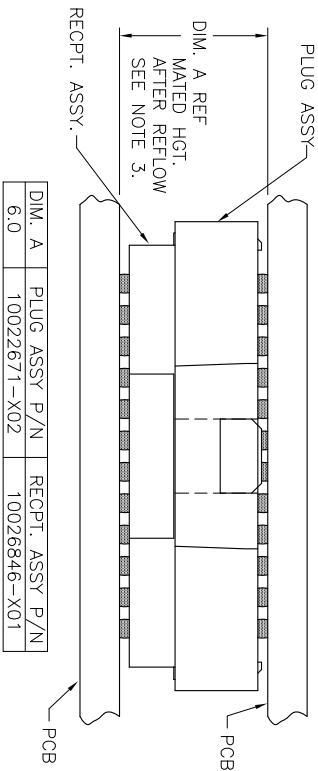
4. PLATING FOR INDICATED -2XX SERIES PRODUCT
NUMBERS MEET THE REQUIREMENTS OF
GR-1217-CORE, CENTRAL OFFICE ENVIRONMENT, (25 YEAR LIFE
EXPECTANCY), THE CONTACT GEOMETRY IN THESE PRODUCT
NUMBERS IS SPECIAL, ALSO.

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	$\frac{h}{g}$	MM		6mm RECEPT. ASSY.	
					XXx.13			12 X 44 = 528 POS.	
				or $\pm$ 2°	XXX-051	scale 1:1			
				dr	D.INGRAM			dwg no	
				enfr	D.WHITTING			sheet 3 of 3	
				chr	D.WHITTING			10026846	
				apprd	D.WHITTING			CUSTOMER Drawing	
sheet	revision								
index	sheet								