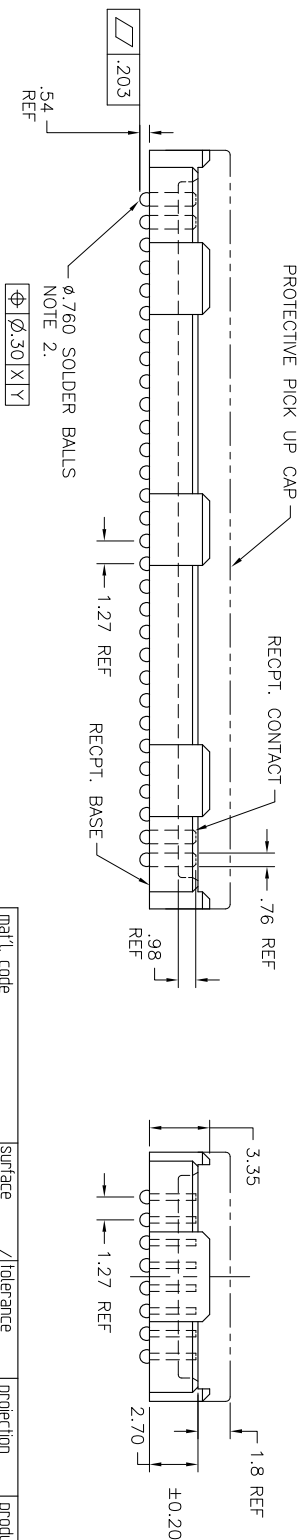
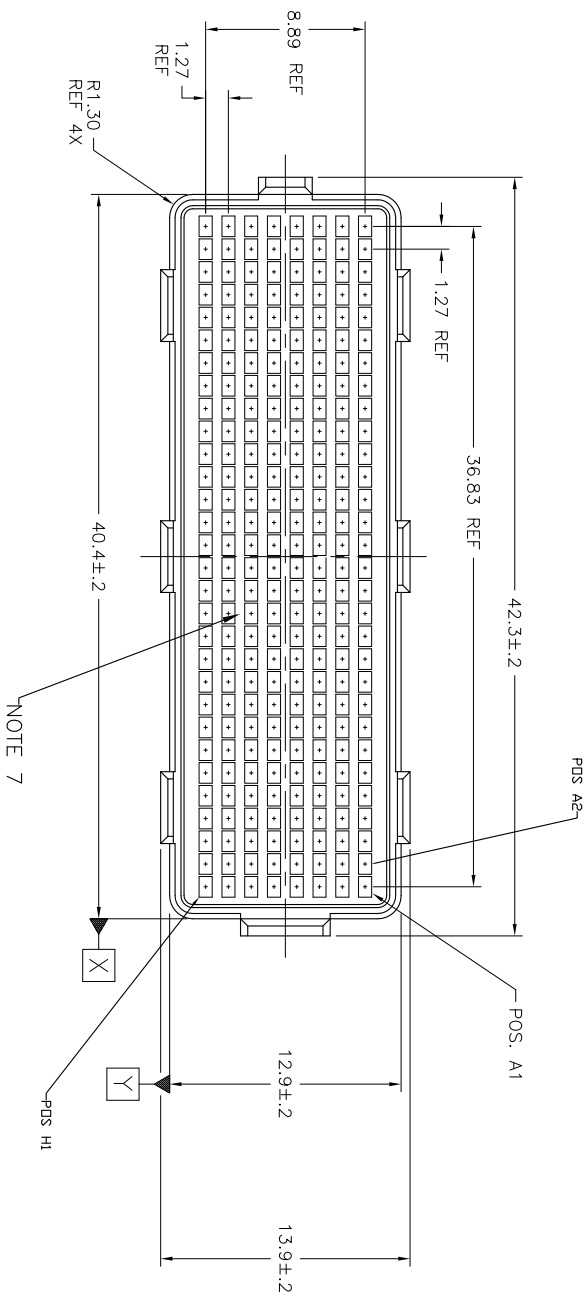




PRODUCT NUMBER

SEE SHEET 3

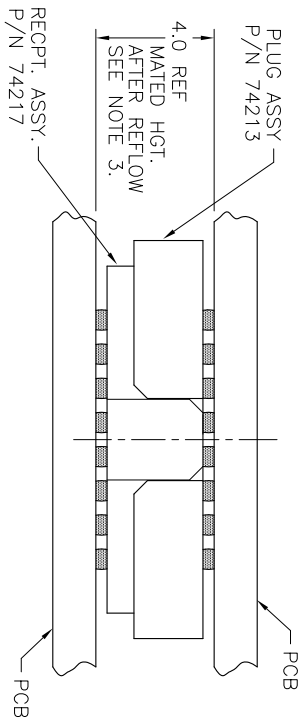


mat'l. code		surface		tolerance		projection		product family	
SEE NOTE 1		ASPE Y14.5		ASPE Y14.5				MEG-Array	
lth	ecn no	dr	date	tolerances unless otherwise specified				title	
M	V06--0560	LP	2006/06/22	X #3		MM		4mm RECP.T. ASSY.	
N	V-1-3467	DC#D212-11-15		XX #10				8 X 30 = 240 POS.	
P	V-16678	DC# 2014-1-70	±.2	XXX #500		scale 1:1		dwg no	
R	V-17551	DC#D214-04-2dr		D.WAUGHEN				sheet 1 of 3	
S	V-20116	RWB 2015-1-28	ENGR	T.LEMKE				74217	
-	-	-	CHP	T.LEMKE				A4	
L	V04--0940	VS	10/18/04	apdd	T.LEMKE			type	
revision		S	S					CUSTOMER Drawing	
sheet		1	2	3					

PICK UP CAP

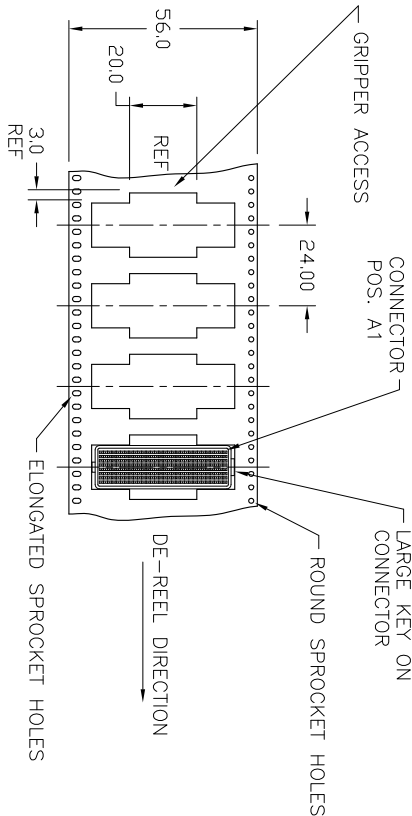
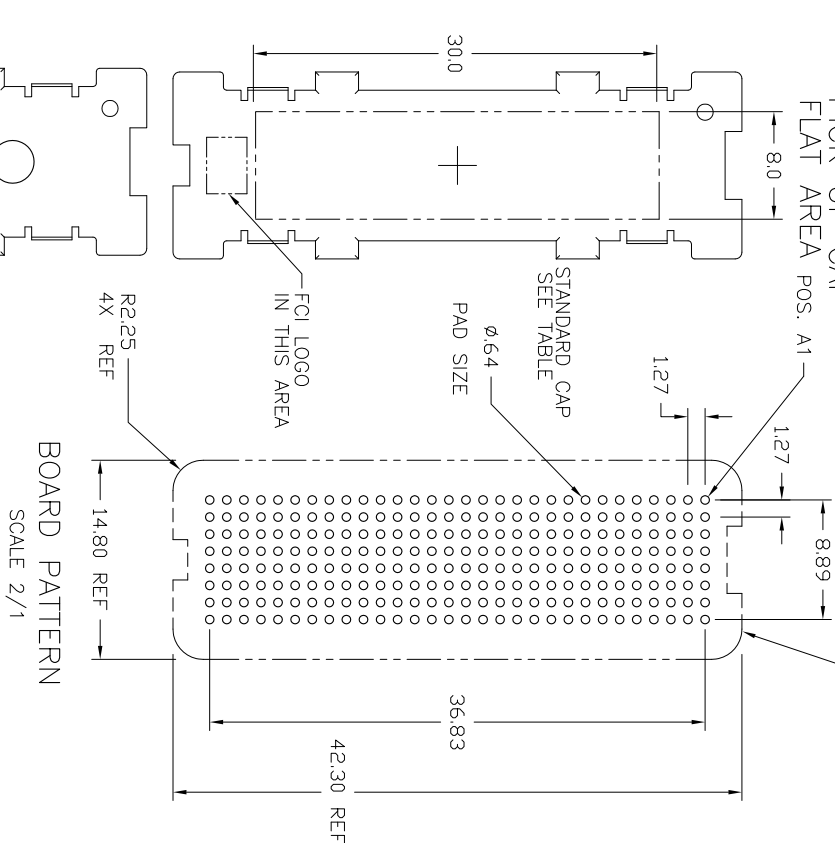
FLAT AREA POS. A1

STENCIL MATED CONNECTOR OUTLINE
ONTO BOARD.

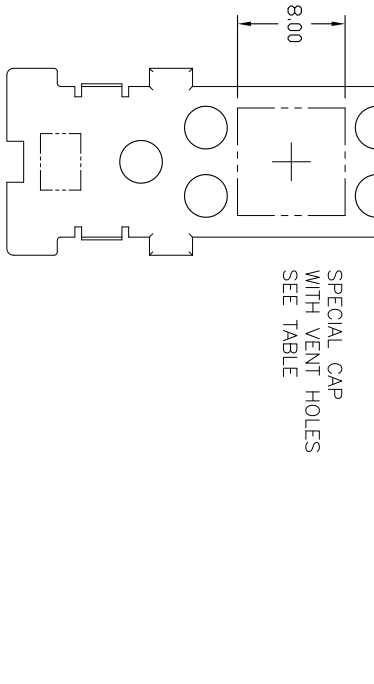


MATED HEIGHT AFTER REFLOW IS BASED ON ϕ .64mm PAD (METAL-DEFINED) AND .13mm SOLDER PASTE STENCIL THICKNESS. SEE NOTE 3.

END VIEW - MATED CONNECTORS



TAPE & REEL PACKAGING SCALE NONE
PER EIA 481-3



mat'l. code				surface		tolerance		projection		product family			
SEE NOTE 1				ASPE Y14.5		ASPE Y14.5				MEG-Array			
lfr	ecn no	dr	date	tolerances unless otherwise specified				MM		title			
S				angles		X = ±3		↔		4mm RECEPT. ASSY			
				or ±2'		XX ±10		↔		8 X 30 = 240POS.			
						XXX ±050		scale 1:1		dwg no			
				dr		DWAUGHEN 11.12.97				sheet 2 of 3		size	
				engr		TLEMKE 11.12.97				74217		A4	
				chr		TLEMKE 11.12.97							
				appd		TLEMKE 11.12.97							
sheet	revision												
index	sheet												



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3

4

PRODUCT NUMBER	NOTES	CONTACT PLATING	SOLDER BALL	CAP STYLE
74217-001		15u" (.38um) Au OVER Ni	SnPb	STANDARD
74217-001LF	5 6		SnAgCu LEAD FREE	STANDARD
74217-091		15u" (.38um) GXT OVER Ni	SnPb	STANDARD
74217-091LF	5 6		SnAgCu LEAD FREE	STANDARD
74217-093		15u" (.38um) GXT OVER Ni	SnPb	SPECIAL WITH VENT HOLES
74217-093LF	5 6		SnAgCu LEAD FREE	SPECIAL WITH VENT HOLES
74217-093BF	8		SnPb	SPECIAL WITH VENT HOLES
74217-093BLF	5 6 8	15u" (.38um) GXT OVER Ni	SnAgCu LEAD FREE	SPECIAL WITH VENT HOLES
74217-101		30u" (.76um) Au OVER Ni	SnPb	STANDARD
74217-101LF	5 6		SnAgCu LEAD FREE	STANDARD
74217-191		30u" (.76um) GXT OVER Ni	SnPb	STANDARD
74217-191LF	5 6		SnAgCu LEAD FREE	STANDARD
74217-201		SEE NOTE 4.	SnPb	STANDARD
74217-201LF	5 6		SnAgCu LEAD FREE	STANDARD
74217-291		SEE NOTE 4.	SnPb	STANDARD
74217-291LF	5 6		SnAgCu LEAD FREE	STANDARD

NOTES:

1. MAT'L:

HOUSING: LCP

CONTACT: COPPER ALLOY

PLATING

CONTACT: (SEE TABLE ON SHEET1)

SOLDER BALL: (SEE TABLE ON SHEET1)

EUTECTIC SnPb OR LEAD FREE

95.5Sn/44g/0.5Cu

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. VISIBLE KNT LINES ANYWHERE ON THE FLOOR OF THE HOUSING ARE PERMITTED. OPEN KNT LINES ANYWHERE ARE NOT PERMITTED.

8. FOR THESE DASH NUMBERS, PRODUCT IS BERYLLIUM FREE.

- 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 -2XX SERIES DASH NOS. MEETS THE REQUIREMENTS OF CENTRAL OFFICE ENVIRONMENT, (25 YEAR LIFE EXPECTANCY).
- 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

mat'l code		SEE NOTE 1		surface		tolerance		projection		product family	
lit	ecn no	dr	date	ASME Y14.5	ASME Y14.5	tolerances unless otherwise specified				title	
S				angles	X ±.3			MM		4mm RECPT. ASSY	
				dr	XX ±.0					8 X 30 = 24POS.	
				dr	XXX ±.050			scale 1:1			
				dr	DWAUGHEN	11.12.97				dwg no	sheet 3 of 3
				enrgt	T.LEMKE	11.12.97				74217	size
				chr	T.LEMKE	11.12.97					A4
				apptd	T.LEMKE	11.12.97					
sheet	revision										
index	sheet										

1

2

3

4