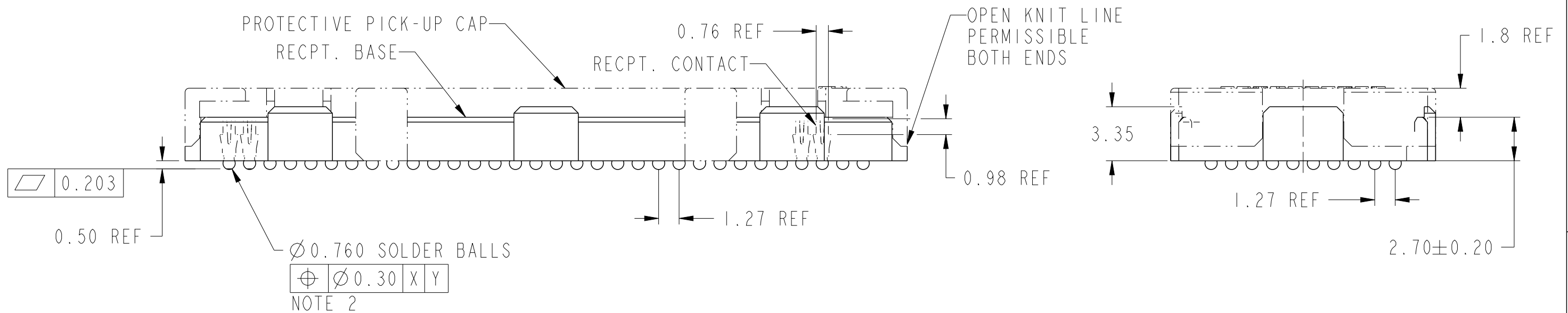
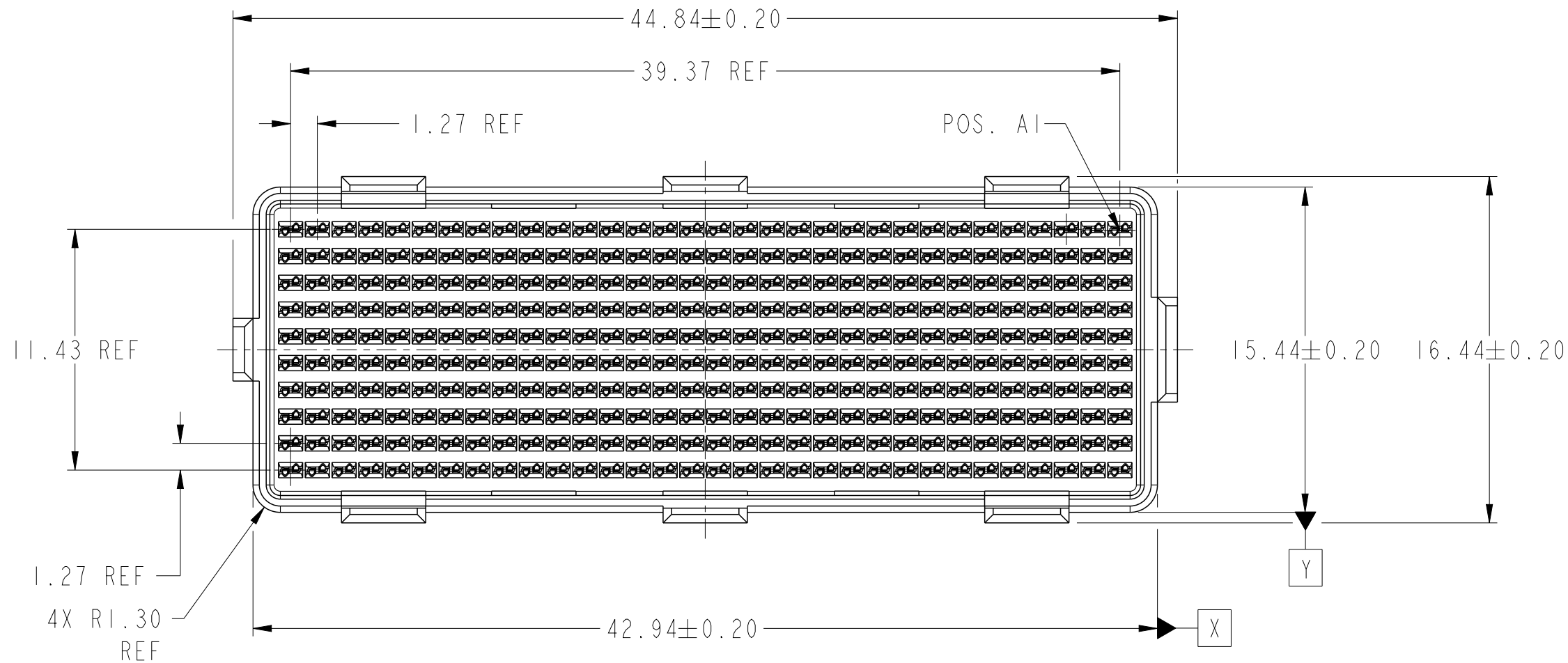


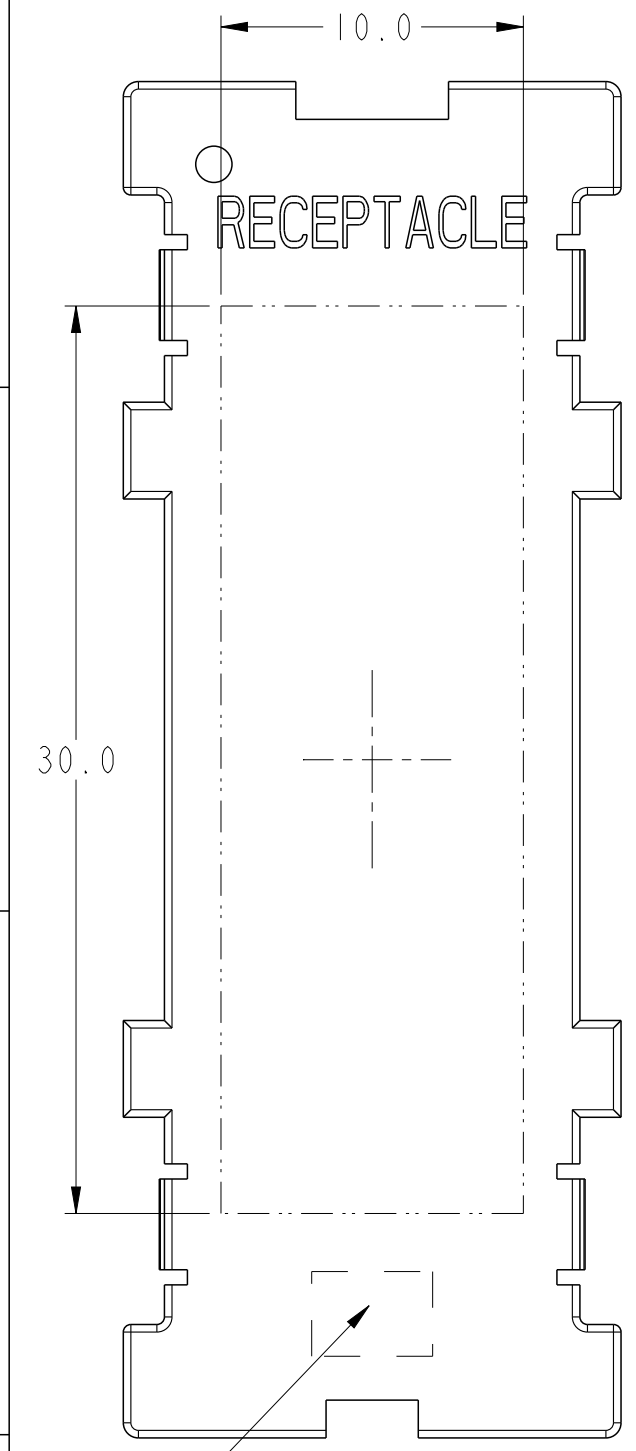
PRODUCT NUMBER
SEE SHEET 3



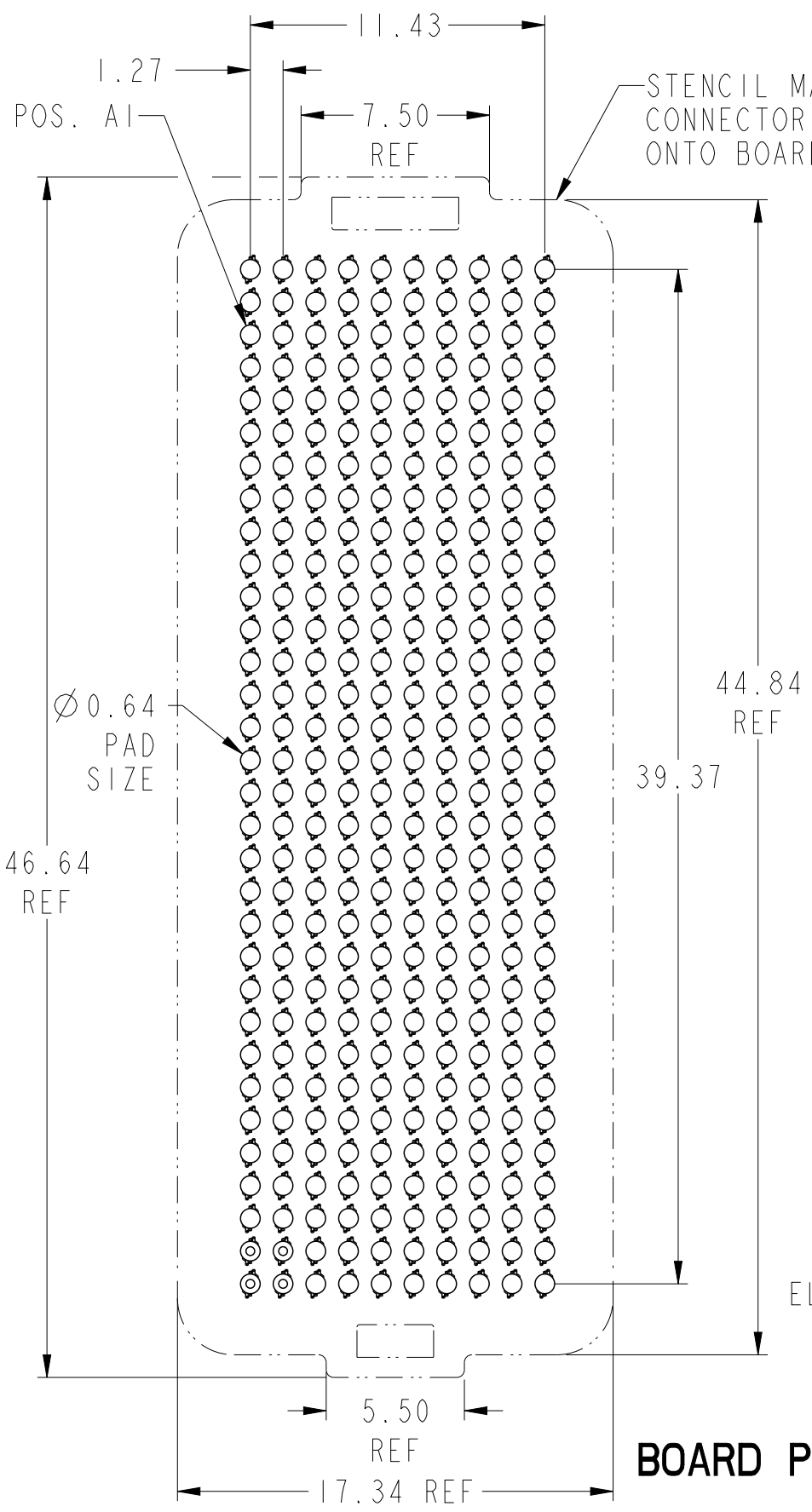
$\phi 0.760$ SOLDER BALLS
 $\phi 0.30$ X Y
NOTE 2

spec ref -				dr Dave Horchler	2013/01/22			size A3	scale 1:1
tolerance std ASME Y14.5 -				eng Chris Schroll	2021/03/26			ecn no ELX-V-40495-1	rel level Released
TOLERANCES UNLESS OTHERWISE SPECIFIED				chr -	-				
appr Matthew Emeneh				2021/04/13	product family MEG-ARRAY				
surface 3.2 ✓ ASME Y14.5	linear	0.X	±0.3	Amphenol FCI	title 4mm RECEPTACLE ASSEMBLY -NATURAL 10 X 32 = 320 POS.			dwg no 10123982	rev B
		0.XX	±0.10						
		0.XXX	±0.050						
angular		0°	±2°	amphenol-icc.com		cat. no. -	Product - Customer Drw		sheet 1 of 4

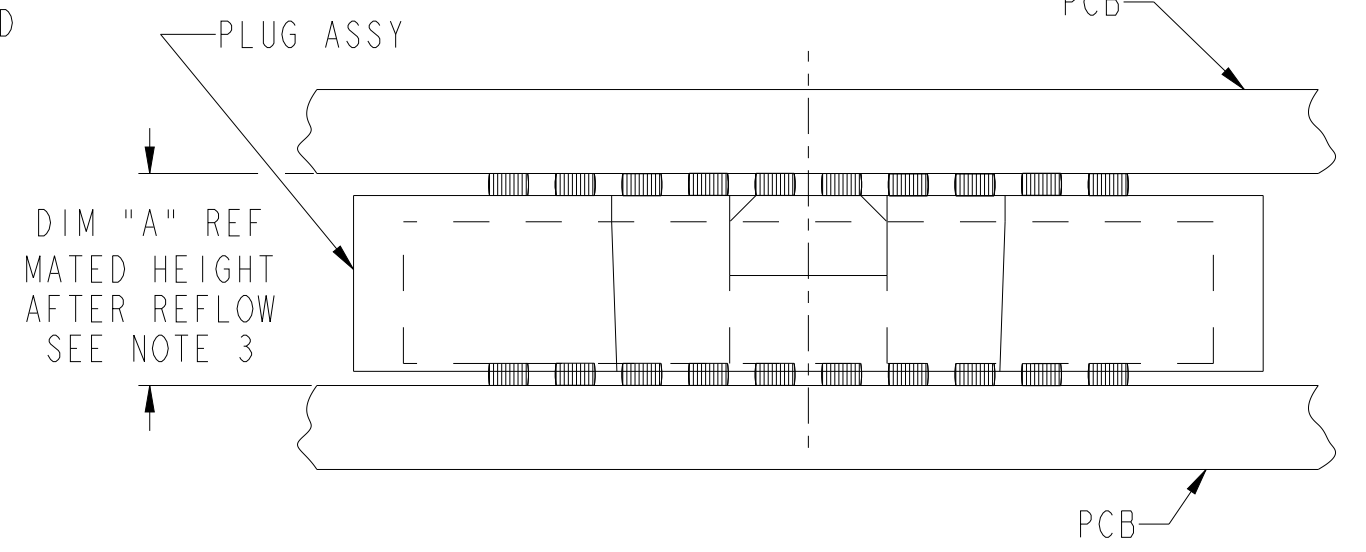
PRODUCT NUMBER
SEE SHEET 3



FLAT AREA FOR
PICK-UP CAP

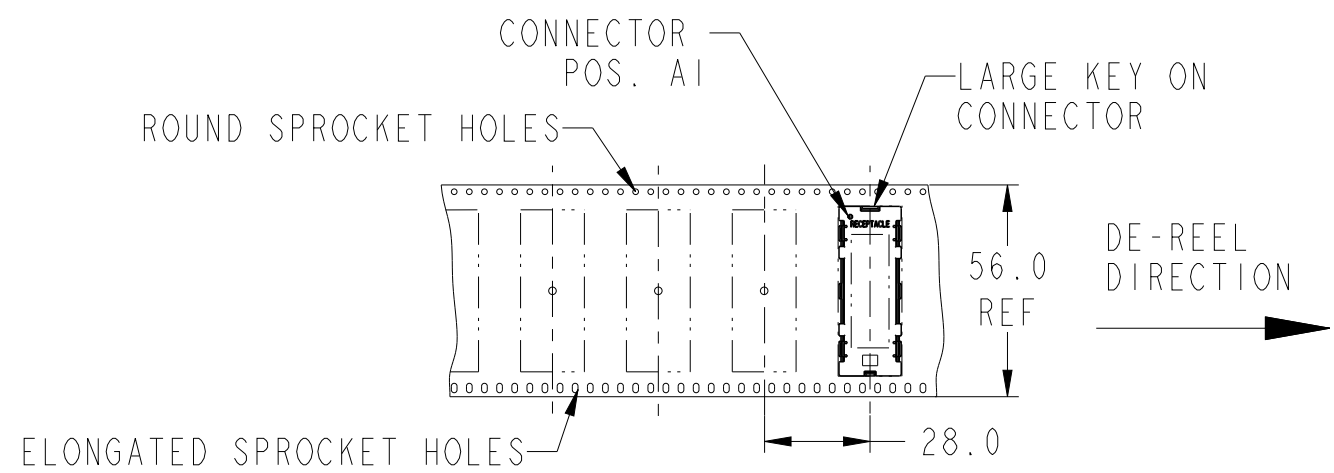


BOARD PATTERN



MATED HEIGHT AFTER REFLOW IS BASED ON $\varnothing 0.64$ mm PAD (METAL-DEFINED) AND 0.13mm SOLDER PASTE STENCIL THICKNESS. SEE NOTE 3

END VIEW - MATED CONNECTORS
SCALE NONE



TAPE & REEL PACKAGING
PER EIA 481-3
SCALE NONE

spec ref -				dr Dave Horchler	2013/01/22			size A3	scale 1:1
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng Chris Schroll	2021/03/26			ecn no ELX-V-40495-1	
				chr -	-				
appr Matthew Emenhe					2021/04/13	product family MEG-ARRAY		rel level Released	
surface 3.2 ASME Y14.5	linear 	0.X	±0.3	Amphenol FCI	title 4mm RECEPTACLE ASSEMBLY -NATURAL 10 X 32 = 320 POS.	dwg no 10123982	rev B		
		0.XX	±0.10						
		0.XXX	±0.050						
ASME Y14.5	angular	0°	±2°	amphenol-icc.com	cat. no. -	Product - Customer Drw		sheet 2 of 4	

D

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Amphenol
FCi

NOTES:

1. MATERIAL:

HOUSING: LCP-NATURAL COLOR
CONTACT: COPPER ALLOY

PLATING:

CONTACT: SEE TABLE FOR PLATING AND THICKNESS OPTIONS (OVER Ni UNDERPLATE)
SOLDER BALL: SnPb OR LEAD FREE (95.5Sn/4Ag/0.5Cu) OPTIONS, SEE TABLE.

2. SOLDER BALLS WILL NOT HAVE PERFECT SPHERICAL SHAPES DUE TO REFLOW ATTACHMENT.

3. MATED HEIGHT WHEN MATED WITH 10123981-XXX WILL BE APPROXIMATELY 4mm.
MATED HEIGHT WILL BE EFFECTED BY CUSTOMER'S PCB DESIGN AND REFLOW PROCESS.

4. 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 SPEC.

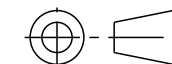
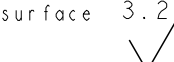
5. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004.
PRODUCT MEETING THIS DIRECTIVE IS IDENTIFIED IN THE LOT CODE NUMBER MARKED ON EACH PART BY HAVING AN "X"
IN THE SEVENTH CHARACTER POSITION.

6. CURRENT COMPANY LOGO TO BE VISIBLE IN APPROXIMATE AREA SHOWN.

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

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

9. A  SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW OR NOTE THAT
HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

spec ref -				dr	Dave Horchler	2013/01/22			size	A3	scale	1:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Chris Schroll	2021/03/26			ecn no ELX-V-40495-1			
ASME Y14.5				chr	-	-			rel level Released			
-				appr	Matthew Emenhe	2021/04/13			product family MEG-ARRAY			
 surface 3.2 ASME Y14.5	linear	0.X	±0.3		title	4mm RECEPTACLE ASSEMBLY -NATURAL 10 X 32 = 320 POS.			dwg no	10123982		rev B
		0.XX	±0.10									
		0.XXX	±0.050									
	angular	0°	±2°	amphenol-icc.com	cat. no.	-	Product - Customer Drw				sheet 4 of 4	