

8 7 6 5 4 3

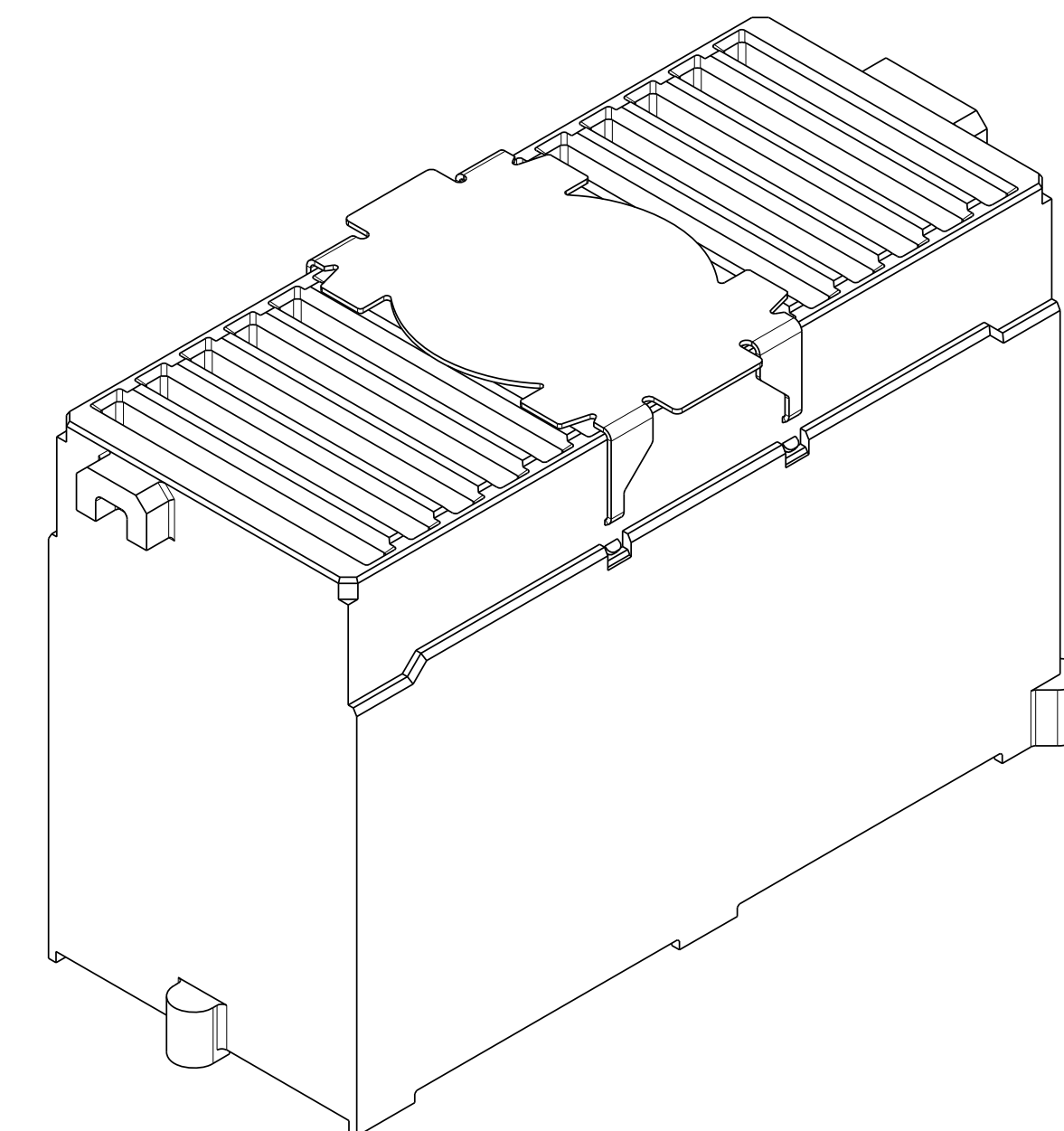
DRW NO. C-380-3316-500 SH 1 REV A

ZONE	REV	SCR NUMBER	DESCRIPTION	BY	DATE	APPROVED
ALL	A	DMAN-BW.JP4Y.VER01	NEW RELEASE	D.MALOON	07/31/12	D.McNAMARA

PART NUMBER	DESCRIPTION
380-3316-X00	RECEPTACLE ASSY, 4 PAIR, 24.5 MM HIGH, 15 WAFERS, 100 OHMS W/LOSSY
380-3416-X00	RECEPTACLE ASSY, 4 PAIR, 24.5 MM HIGH, 15 WAFERS, 85 OHMS W/LOSSY
380-3516-X00	RECEPTACLE ASSY, 4 PAIR, 24.5 MM HIGH, 15 WAFERS, 100 OHMS NO LOSSY
380-3616-X00	RECEPTACLE ASSY, 4 PAIR, 24.5 MM HIGH, 15 WAFERS, 85 OHMS NO LOSSY

NOTES:

1. ASSEMBLY PART NUMBER VARIES WITH PLATING OPTION AS FOLLOWS:
FOR NI SULFAMATE UNDERPLATE, 8TH DIGIT OF P/N IS 2.
FOR NANO NI UNDERPLATE, 8TH DIGIT OF P/N IS 4.
2. MAT'L:
HOUSING/WAFERS - LCP
VACUUM CAP - SST
CONTACTS - HIGH PERFORMANCE COPPER ALLOY, PER MTS-506.
3. 0.71 DIA SOLDER SPHERES WILL NOT BE PERFECTLY SPHERICAL AFTER REFLOW ATTACHMENT.
4. HOLES RECOMMENDED FOR VISUAL INSPECTION OF CONNECTOR ALIGNMENT AFTER PLACEMENT AND BEFORE REFLOW.
5. SOLDER BALL PROTRUSION BELOW HOUSING.
6. SEE TECHNICAL BULLETIN TB-2241 FOR DETAILED SMT PROCESSING AND PCB FOOT PRINT RECOMMENDATIONS.
7. MAXIMUM CO-PLANARITY OF THE BALL FIELD.
8. MAXIMUM RADIAL TRUE POSITION OF ANY SOLDER BALL IN RELATION TO AN IDEAL BEST FIT GRID.
9. TOLERANCES DO NOT APPLY TO REFERENCE DIMENSIONS SHOWN IN "Ø" OR BASIC DIMENSIONS SHOWN IN "□".
10. REFER TO FILE 380-3X16-XX0.STP FOR SIMPLIFIED 3D MODEL OF ASSEMBLY.



ISOMETRIC VIEW
SCALE 4/1

TOLERANCES	DESIGN	DATE	DESIGNER	DRAWN	DATE	DRW NO.	TITLE	PART NO.	REV
0.0	±0.25	09/10/10	D.MALOON	06/24/11	D.MALOON	C-380-3316-500	RECEPTACLE ASSEMBLY, 15 WAFERS InfiniX 4 PAIR, 24.5 MM HIGH	SEE TABLE 1	N/A
0.00	±0.13			07/31/12	D.McNAMARA				A
0.000	±			07/31/12	D.McNAMARA				A
ANGLES	± 3°			07/31/12	D.McNAMARA				A
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM. DECIMAL MARKER IS A PERIOD							DRAWING NO. C-380-3316-500		REV A
INTERPRET PER ASME Y14.5M							PART 01155-PCP-ASSY-4X24_5X15-VC		1.13
CODE IDENT 31413							DRAWING C-380-3316-500		A.0
CUSTOMER USE DRAWING							SIZE D	SCALE 4/1	SHEET 1 OF 4

DRW NO. C-380-3316-500

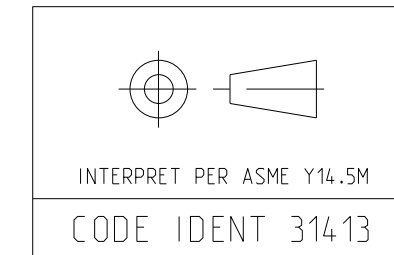
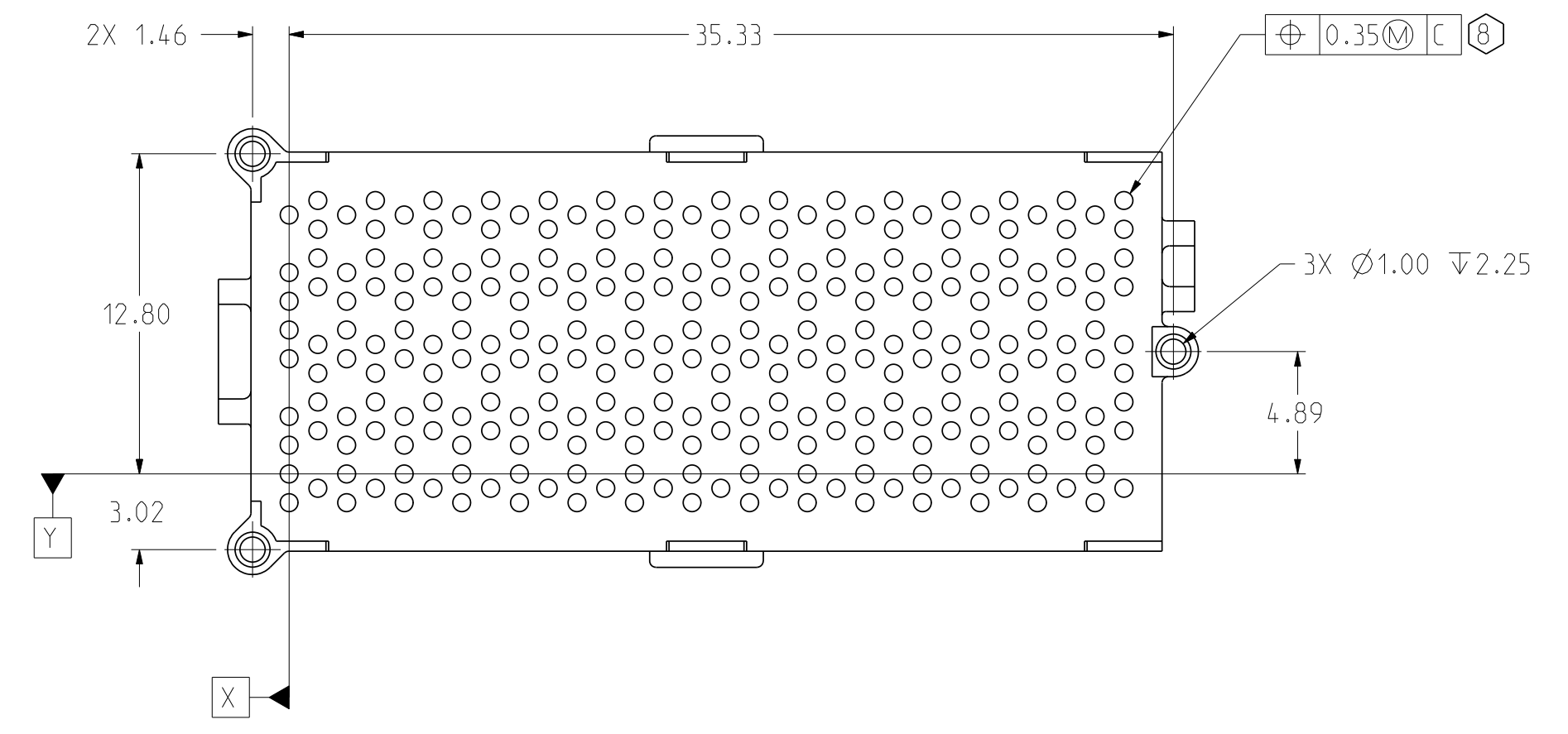
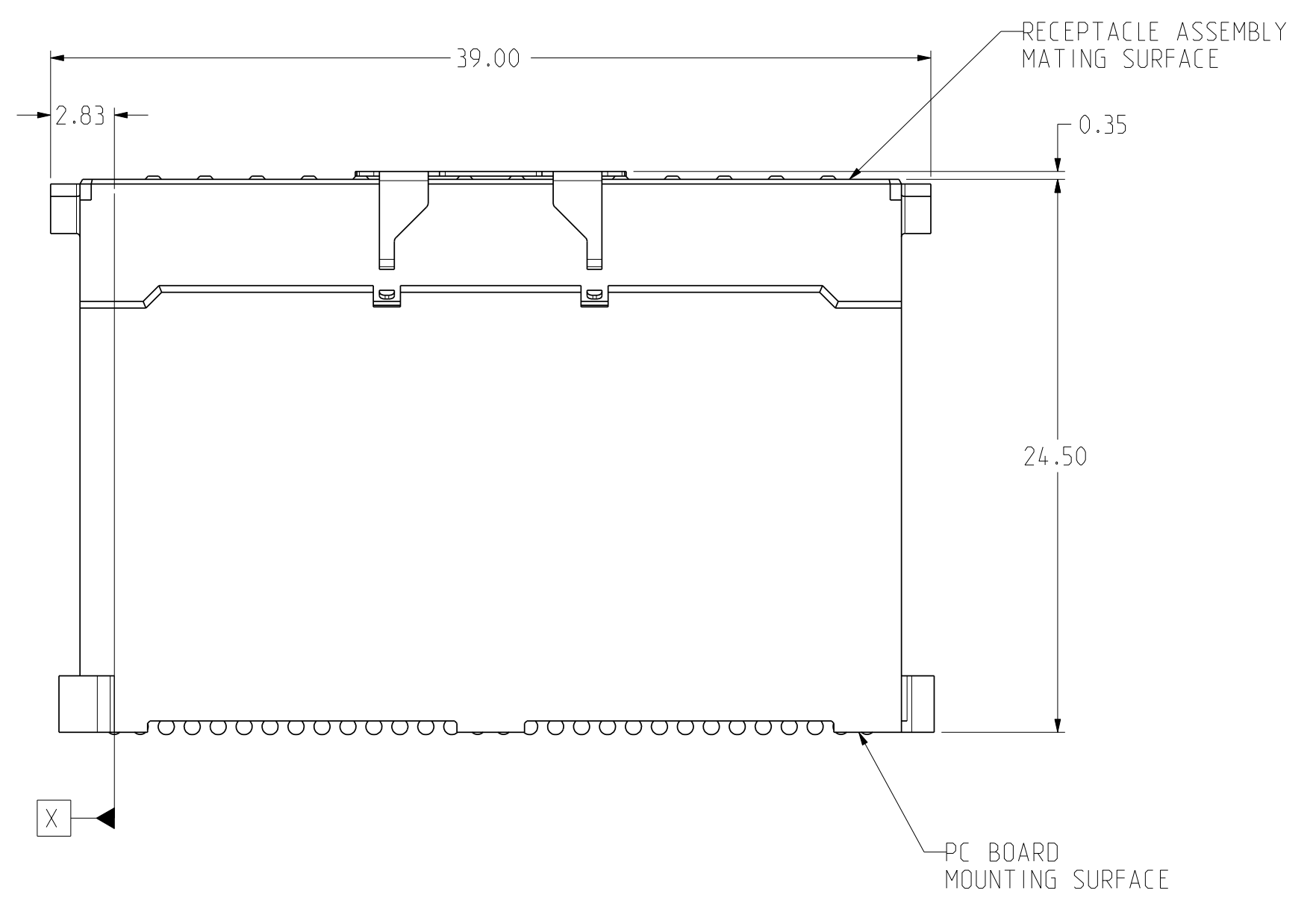
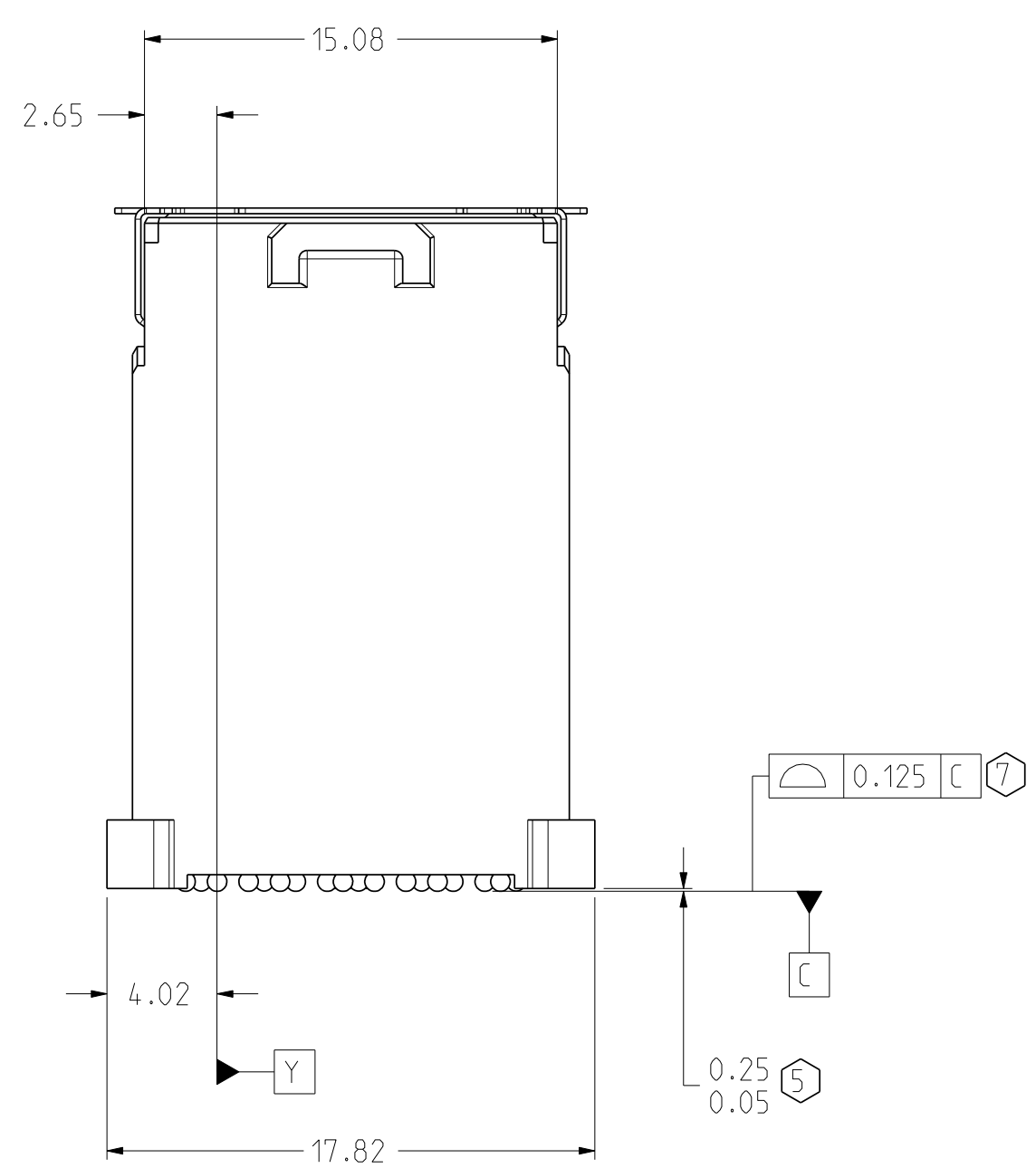
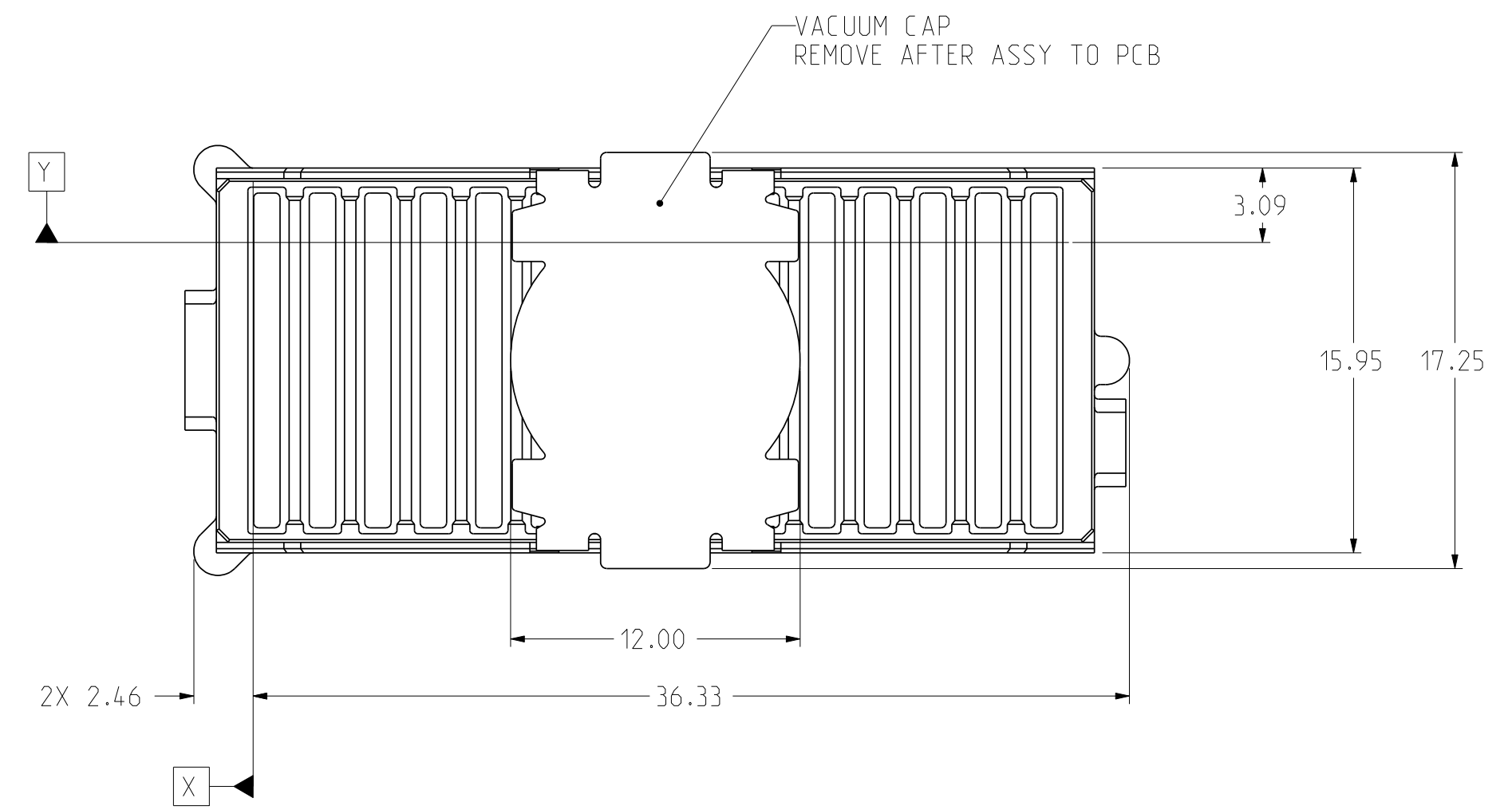
SH 1 REV A

8 7 6 5 4 3 2 1

8 7 6 5 4 3

ZONE		REV	SCR NUMBER	DESCRIPTION	BY	DATE	APPROVED
				SEE SHEET 1			

DRW NO. C-380-3316-500 SH 2 REV A



TOLERANCES		DESIGN 09/10/10 D.MALOON	Amphenol TCS A Division of Amphenol Corporation 200 Innovative Way, Nashua, NH 03062 603.879.3000	TITLE	REV
0.0	±0.25	DRAWN 06/24/11 D.MALOON		RECEPTACLE ASSEMBLY, 15 WAFERS	N/A
0.00	±0.13	EHK 07/31/12 D.McNAMARA		InfiniX 4 PAIR, 24.5 MM HIGH	A
0.000	± -	APVD 07/31/12 D.McNAMARA		SEE TABLE 1	N/A
ANGLES		± 3°	PART NO.	REV	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM. DECIMAL MARKER IS A PERIOD			C-380-3316-500	A	
CUSTOMER USE DRAWING			PART 01155-PCP-ASSY-4X24_5X15-VC	1.13	
			DRAWING C-380-3316-500	A.0	
SIZE D	SCALE 4/1	SHEET 2 OF 4			

8 7 6 5 4 3 2 1

DRW NO. C-380-3316-500

SH 2 REV A

8

7

6

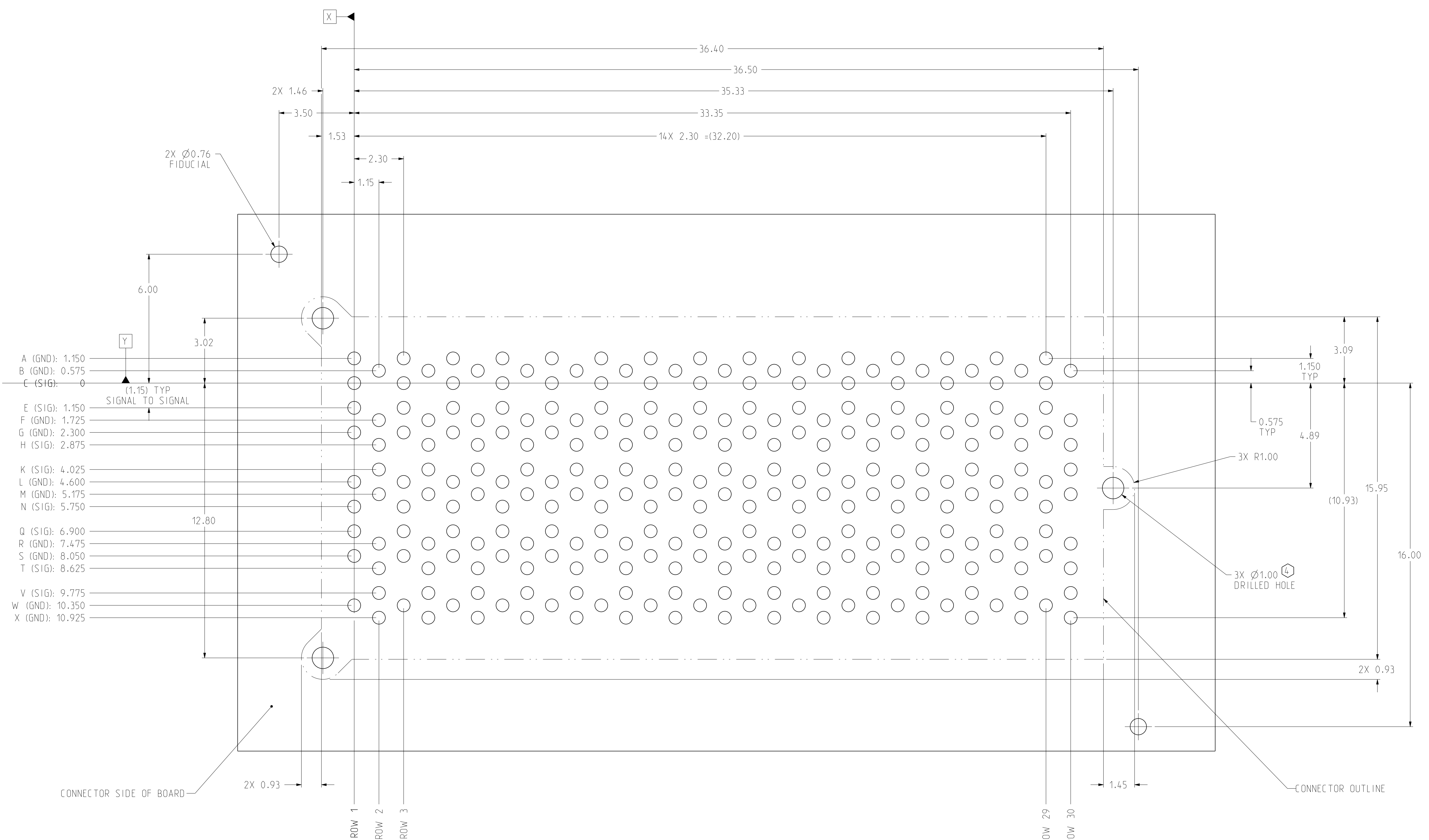
5

4

3

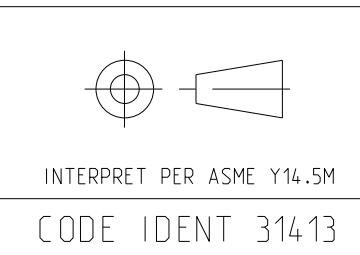
DRW NO. C-380-3316-500 SH 3 REV A

ZONE	REV	SCR NUMBER	DESCRIPTION	BY	DATE	APPROVED
			SEE SHEET 1			



- A (GND): 1.150
- B (GND): 0.575
- C (SIG): 0
- E (SIG): 1.150
- F (GND): 1.725
- G (GND): 2.300
- H (SIG): 2.875
- K (SIG): 4.025
- L (GND): 4.600
- M (GND): 5.175
- N (SIG): 5.750
- Q (SIG): 6.900
- R (GND): 7.475
- S (GND): 8.050
- T (SIG): 8.625
- V (SIG): 9.775
- W (GND): 10.350
- X (GND): 10.925

PAD LAYOUT
SCALE 10/1



TOLERANCES	DESIGN	09/10/10	D.MALOON	Amphenol TCS A Division of Amphenol Corporation 200 Innovative Way, Nashua, NH 03062 603.879.3000	
0.0	±0.25	DRAWN	06/24/11	D.MALOON	TITLE RECEPTACLE ASSEMBLY, 15 WAFERS InfinIX 4 PAIR, 24.5 MM HIGH PART NO. SEE TABLE 1 REV N/A
0.00	±0.13	EHK	07/31/12	D.McNAMARA	
0.000	±	APVD	07/31/12	D.McNAMARA	
ANGLES	± 3°	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM. DECIMAL MARKER IS A PERIOD			
CUSTOMER USE DRAWING				DRAWING NO. C-380-3316-500 REV A PART 01155-RCP-ASSY-4X24_5X15-VC DRAWING C-380-3316-500 1.13 A.0	
SIZE	D	SCALE	3/1	SHEET 3 OF 4	

DRW NO. C-380-3316-500

SH 3 REV A

8

7

6

5

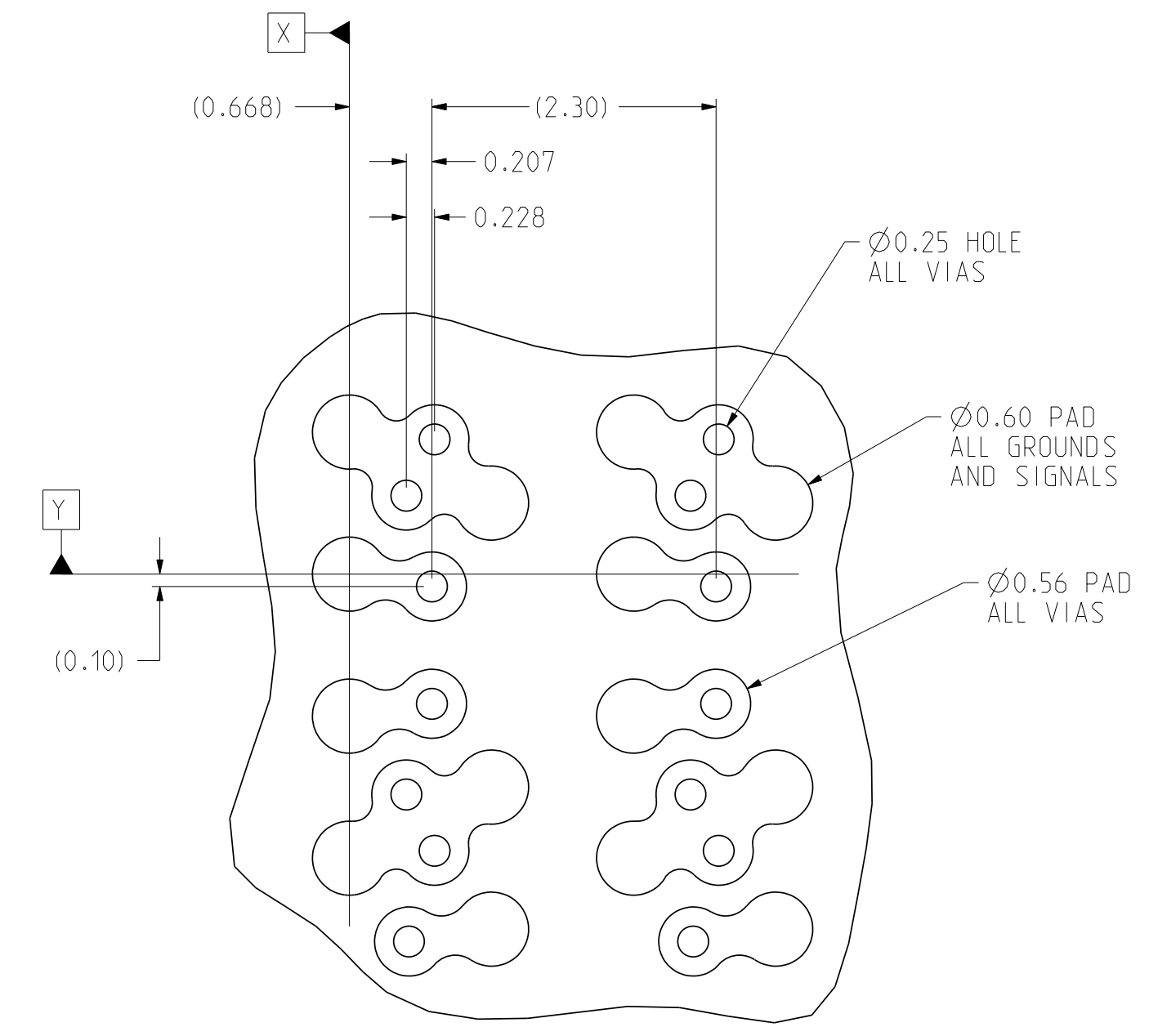
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3

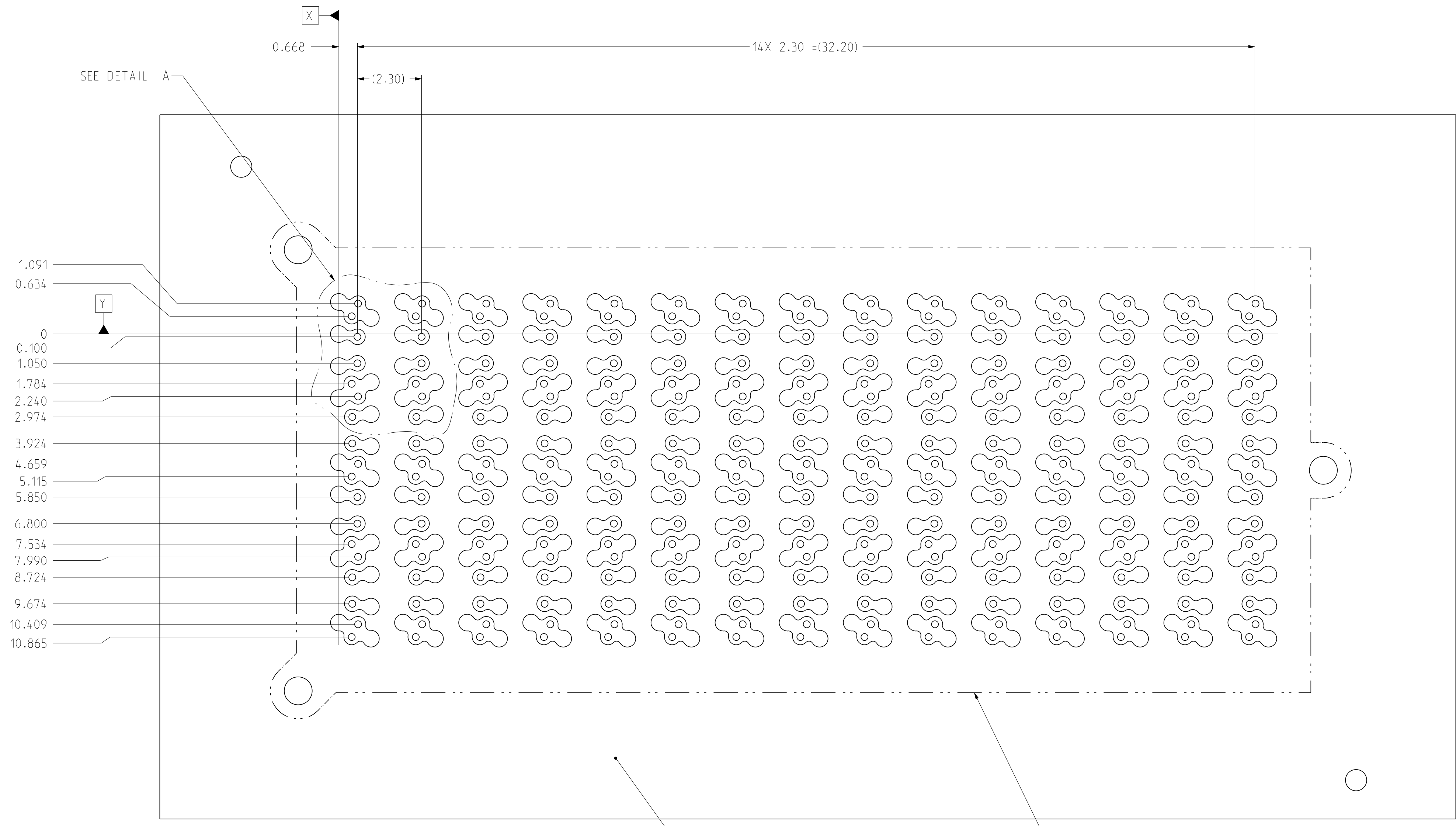
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1

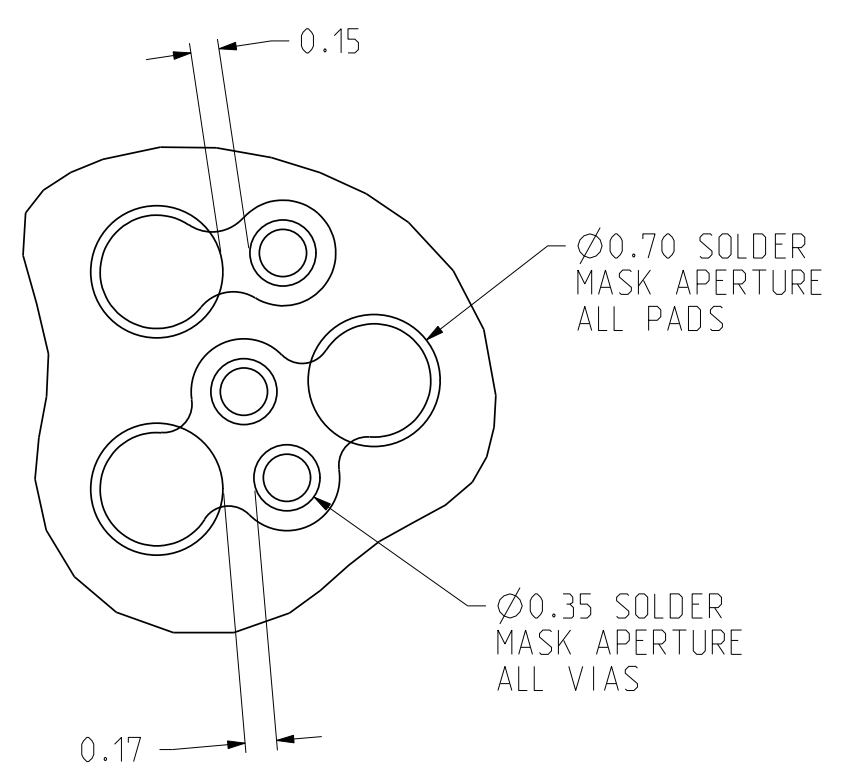
ZONE	REV	SCR NUMBER	DESCRIPTION	BY	DATE	APPROVED
			SEE SHEET 1			



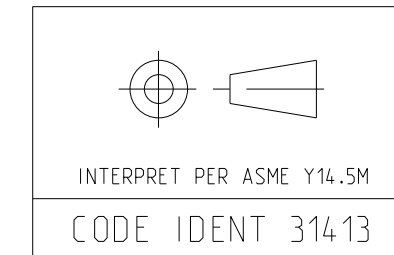
DETAIL A
SCALE 20/1



VIA LAYOUT
SCALE 10/1



SOLDER MASK DETAIL
SCALE 25/1



TOLERANCES		DESIGN 09/10/10 D.MALOON	Amphenol TCS A Division of Amphenol Corporation 200 Innovative Way, Nashua, NH 03062 603.879.3000	
0.0	±0.25	DRAWN 06/24/11 D.MALOON	TITLE RECEPTACLE ASSEMBLY, 15 WAFERS InfiniX 4 PAIR, 24.5 MM HIGH	
0.00	±0.13	EHK 07/31/12 D.McNAMARA		
0.000	± -	APVD 07/31/12 D.McNAMARA		
ANGLES	± 3°		PART NO.	REV N/A
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM. DECIMAL MARKER IS A PERIOD			SEE TABLE 1	
CUSTOMER USE DRAWING			DRAWING NO. C-380-3316-500	REV A
			PART 01155-PCP-ASSY-4X24_5X15-VC DRAWING C-380-3316-500	1.13 A.0
SIZE D	SCALE 3/1	SHEET 4 OF 4		

DRW NO. C-380-3316-500

SH 4
REV A

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