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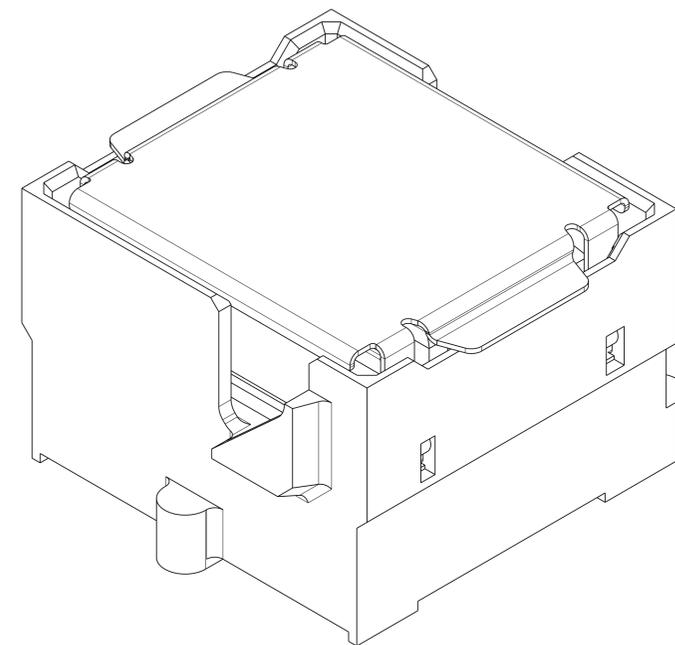
4

3

DRW NO. C-379-3334-500 SH 1 REV A

ZONE	REV	SCR NUMBER	DESCRIPTION	BY	DATE	APPROVED
ALL	A	DMAN-8WDH38-VER01	NEW RELEASE	D.MALOON	07/25/12	D.McNAMARA

TABLE 1	
PART NUMBER	DESCRIPTION
379-3334-X00	PLUG ASSY, 4 PAIR, 6 MM HIGH, 5 WAFERS, 100 OHMS W/LOSSY
379-3434-X00	PLUG ASSY, 4 PAIR, 6 MM HIGH, 5 WAFERS, 85 OHMS W/LOSSY
379-3534-X00	PLUG ASSY, 4 PAIR, 6 MM HIGH, 5 WAFERS, 100 OHMS NO LOSSY
379-3634-X00	PLUG ASSY, 4 PAIR, 6 MM HIGH, 5 WAFERS, 85 OHMS NO LOSSY



ISOMETRIC VIEW
SCALE 8/1

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 379-3X34-XX0.STP FOR SIMPLIFIED 3D MODEL OF ASSEMBLY.

TOLERANCES	DESIGN 09/15/10 D.MALOON	Amphenol TCS A Division of Amphenol Corporation 200 Innovative Way, Nashua, NH 03062 603.879.3000	TITLE	PLUG ASSEMBLY, 5 WAFERS Infinox 4 PAIR, 6 MM HIGH
0.0 ±0.25	DRAWN 06/21/11 D.MALOON		PART NO.	SEE TABLE 1
0.00 ±0.13	EHK 07/25/12 D.McNAMARA		DRAWING NO.	C-379-3334-500
0.000 ± -	APVD 07/25/12 D.McNAMARA		REV	A
ANGLES ± 3°			REV	N/A
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM. DECIMAL MARKER IS A PERIOD		CUSTOMER USE DRAWING		
CODE IDENT 31413		SIZE D	SCALE 6/1	SHEET 1 OF 4

DRW NO. C-379-3334-500

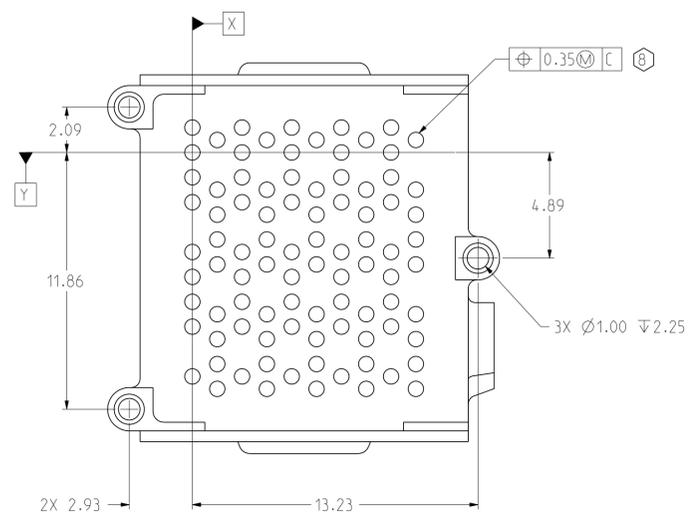
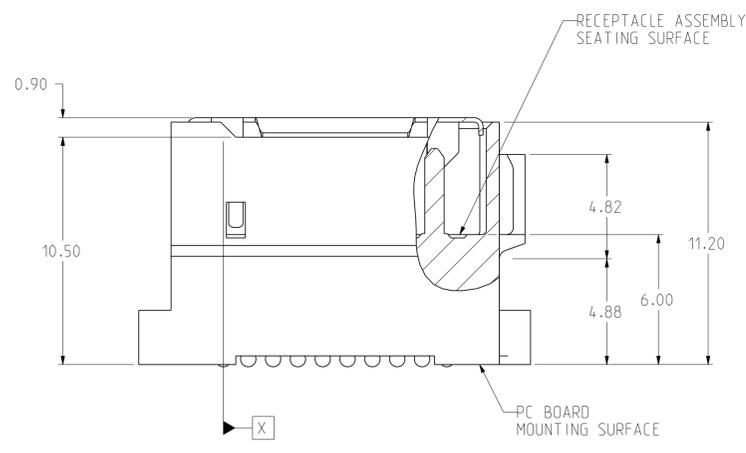
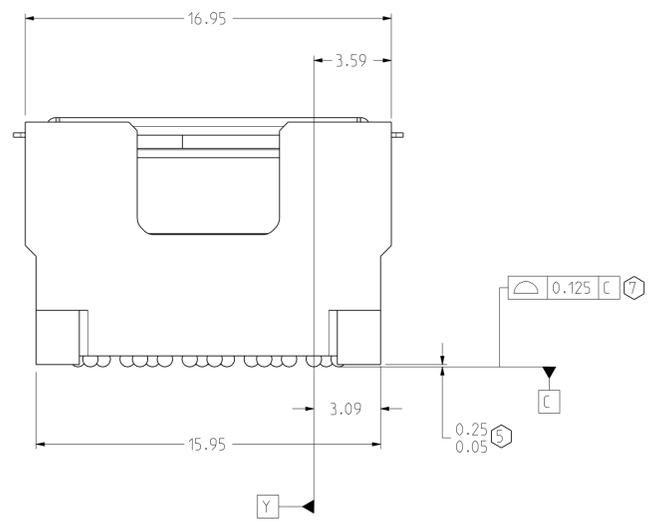
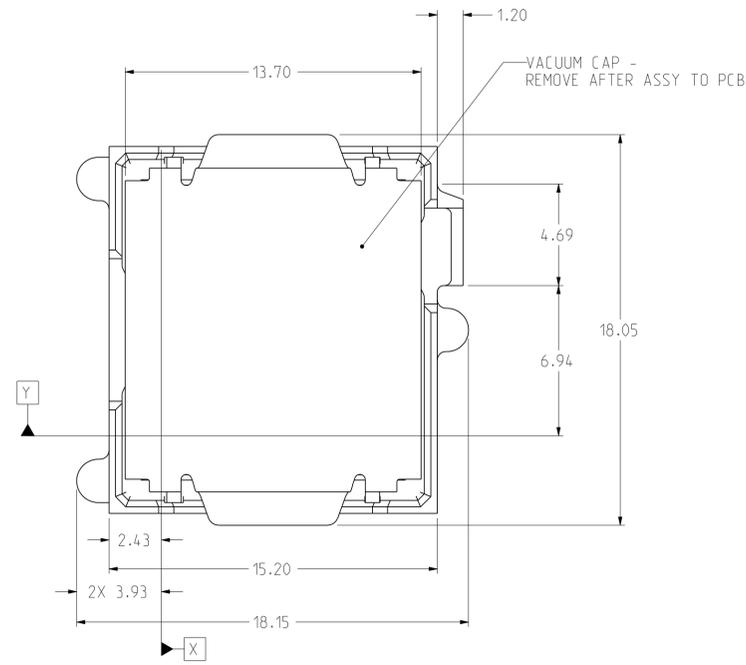
SH 1 REV A

REV A 1.8 A.0

8 7 6 5 4 3

DRW NO. C-379-3334-500 SH 2 REV A

ZONE	REV	SCR NUMBER	DESCRIPTION	BY	DATE	APPROVED
			SEE SHEET 1			



TOLERANCES		DESIGN	Amphenol TCS	
0.0	±0.25	03/31/11 D.MALOON	A Division of Amphenol Corporation	
0.00	±0.13	06/21/11 D.MALOON	200 Innovative Way, Nashua, NH 03062 603.879.3000	
0.000	± -	07/25/12 EHK D.McNAMARA	TITLE PLUG ASSEMBLY, 5 WAFERS	
ANGLES	± 3°	07/25/12 APVD D.McNAMARA	InfinX 4 PAIR, 6 MM HIGH	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM. DECIMAL MARKER IS A PERIOD			PART NO. SEE TABLE 1	
DRAWING NO. C-379-3334-500			REV N/A	
PART Q1155-PLUG-ASSY-4X06X09-VC			REV A	
DRAWING C-379-3334-500			1.8 A.0	
SIZE	D	SCALE	6/1	SHEET 2 OF 4

INTERPRET PER ASME Y14.5M
CODE IDENT 31413

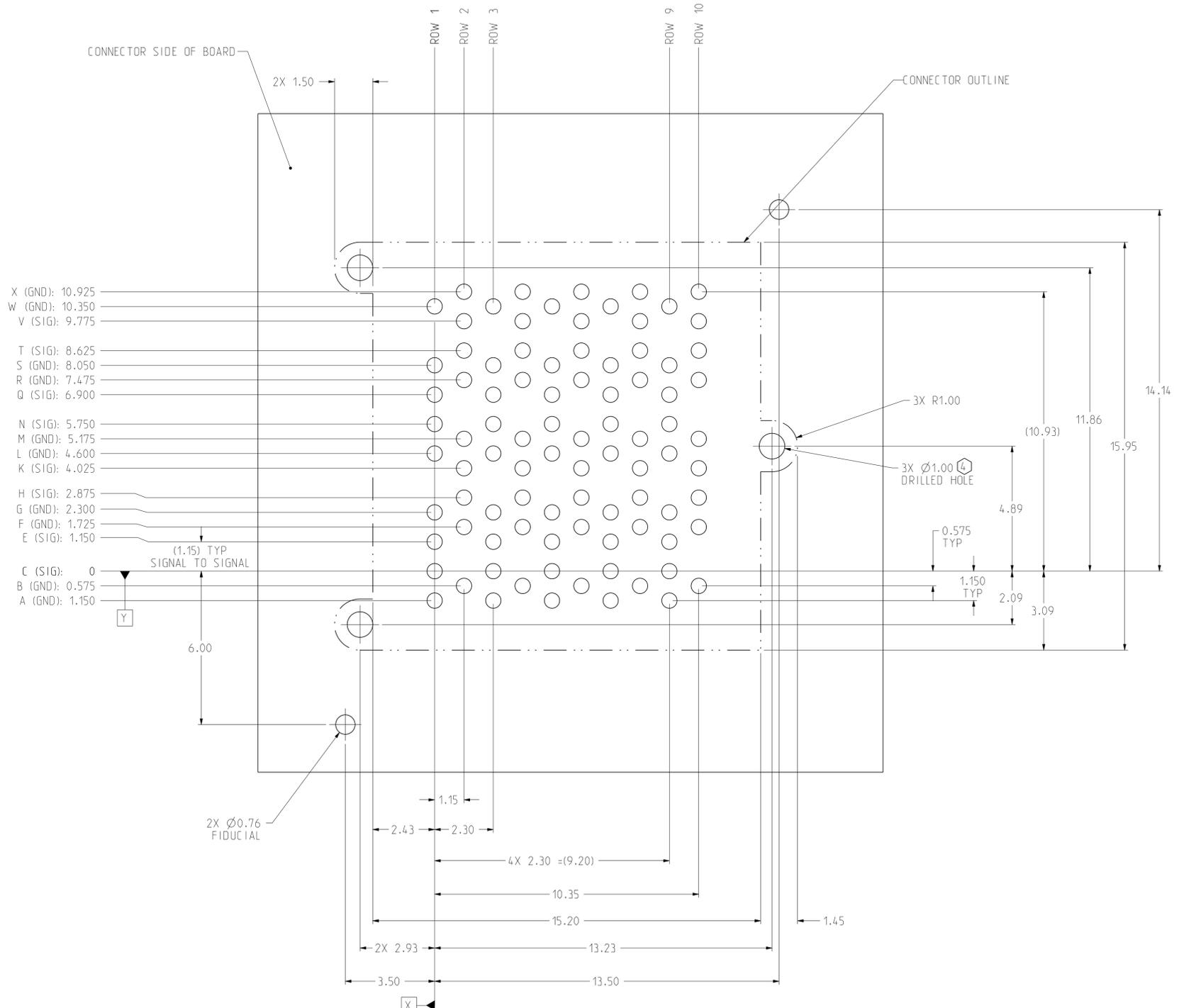
CUSTOMER USE
DRAWING

DRW NO. C-379-3334-500

SH 2
REV A

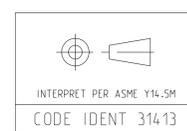
8 7 6 5 4 3 2 1

ZONE	REV	SCR NUMBER	DESCRIPTION	BY	DATE	APPROVED
			SEE SHEET 1			



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

PAD LAYOUT
SCALE 10/1



TOLERANCES	DESIGN	09/15/10	D.MALOON	Amphenol TCS A Division of Amphenol Corporation 200 Innovative Way, Nashua, NH 03062 603.879.3000	
0.0	±0.25	DRAWN	06/21/11	D.MALOON	TITLE PLUG ASSEMBLY, 5 WAFERS InfinX 4 PAIR, 6 MM HIGH PART NO. SEE TABLE 1 REV N/A
0.00	±0.13	EHK	07/25/12	D.McNAMARA	
0.000	± -	APVD	07/25/12	D.McNAMARA	
ANGLES	± 3°	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM. DECIMAL MARKER IS A PERIOD			
DRAWING NO. C-379-3334-500				REV A	REV A
PART Q1155-PLUG-ASSY-4X06X05-VC DRAWING C-379-3334-500				1.8 A.0	1.8 A.0
SIZE D	SCALE 6/1	SHEET 3 OF 4			

CUSTOMER USE
DRAWING

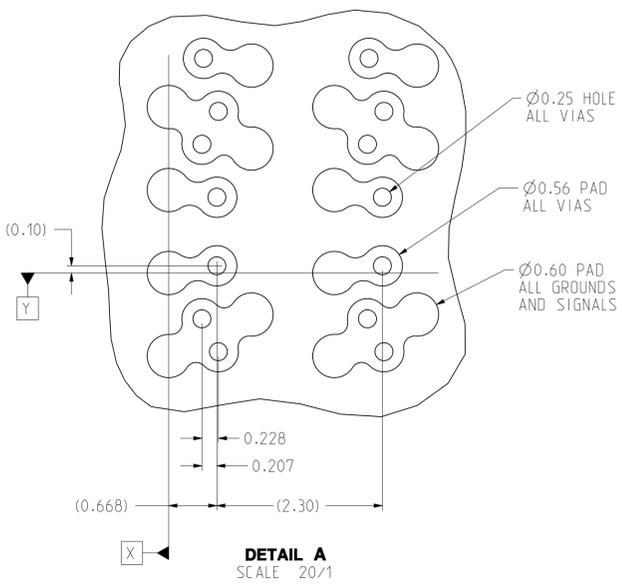
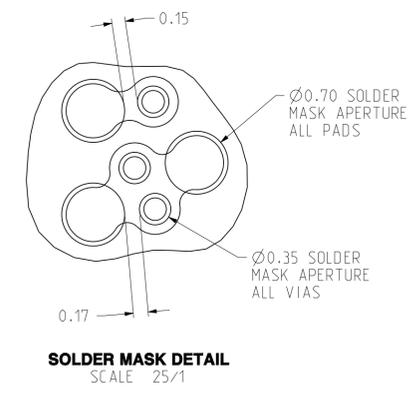
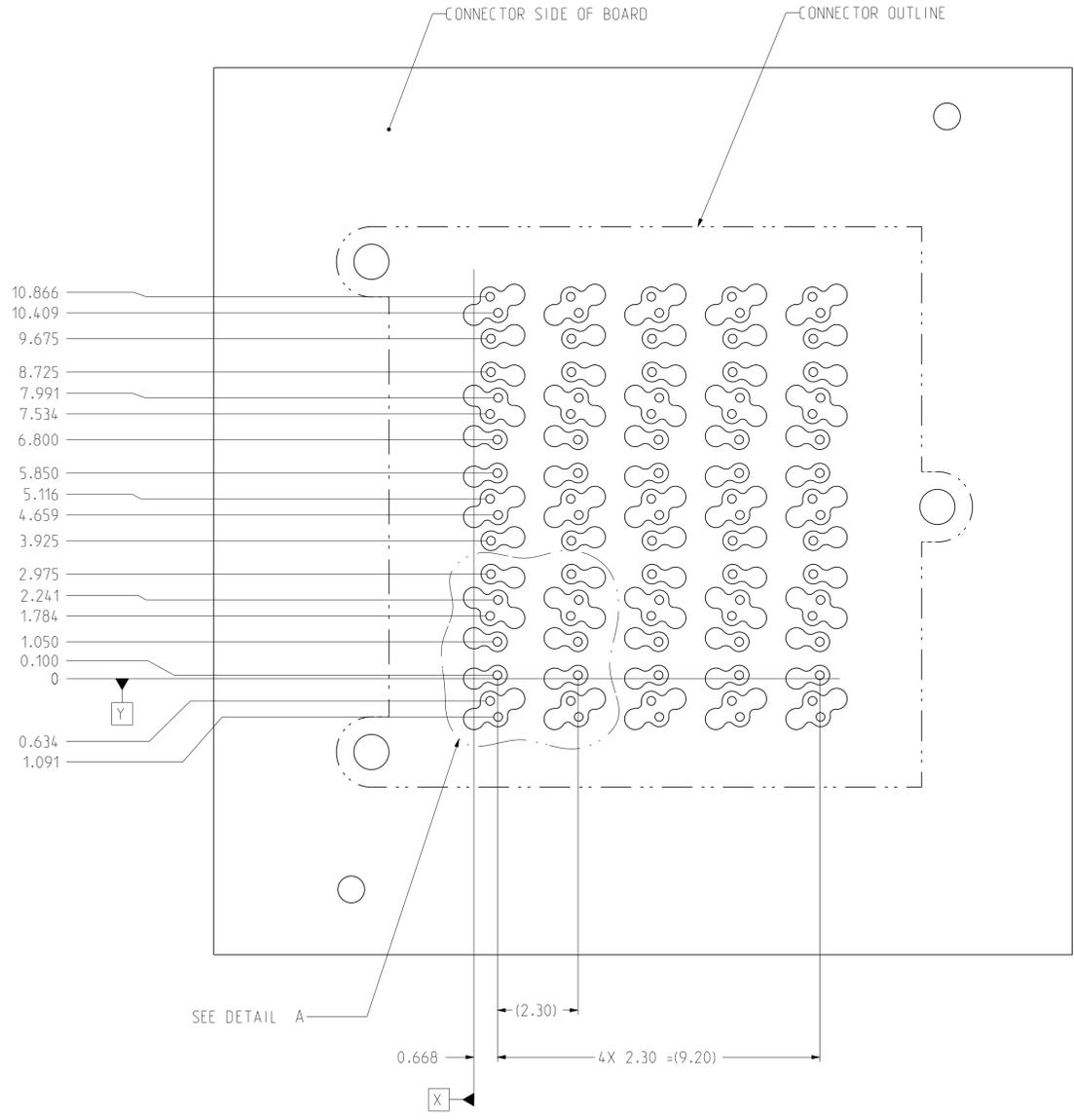
DRAW NO. C-379-3334-500

SH 3
REV A

8 7 6 5 4 3

ZONE		REV	SCR NUMBER	DESCRIPTION	BY	DATE	APPROVED
				SEE SHEET 1			

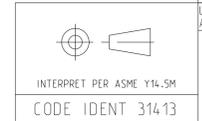
DRW NO. C-379-3334-500 SH 4 REV A



VIA LAYOUT
SCALE 10/1

SOLDER MASK DETAIL
SCALE 25/1

DETAIL A
SCALE 20/1



TOLERANCES		DESIGN 09/15/10 D.MALOON	Amphenol TCS A Division of Amphenol Corporation 200 Innovative Way, Nashua, NH 03062 603.879.3000	TITLE	PLUG ASSEMBLY, 5 WAFERS InfinX 4 PAIR, 6 MM HIGH	REV
0.0	±0.25	DRAWN 06/21/11 D.MALOON		PART NO.		N/A
0.00	±0.13	EHK 07/25/12 D.McNAMARA		DRAWING NO.		C-379-3334-500
0.000	± -	APVD 07/25/12 D.McNAMARA		REV		A
ANGLES		± 3°	SEE TABLE 1		REV	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM. DECIMAL MARKER IS A PERIOD			CUSTOMER USE DRAWING		REV	
			SIZE D	SCALE 6/1	SHEET 4 OF 4	

DRW NO. C-379-3334-500

SH 4 REV A

8 7 6 5 4 3 2 1