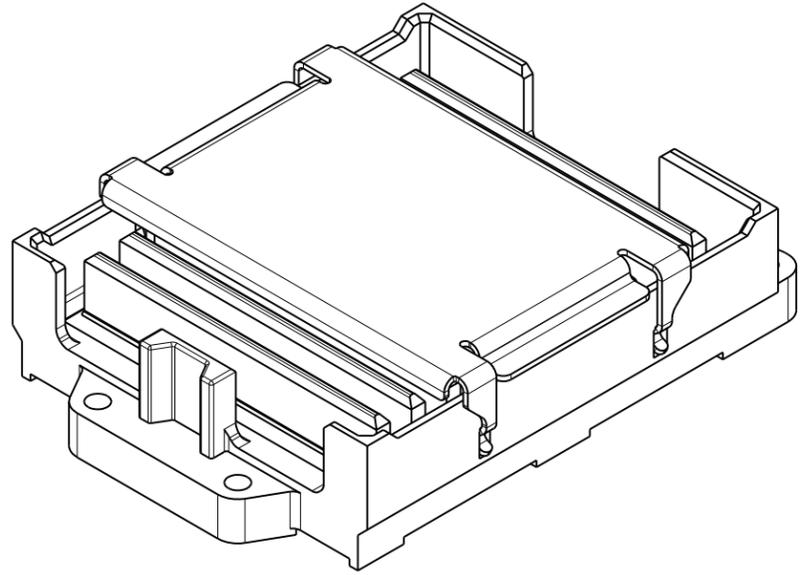


ZONE	REV	SCR NUMBER	DESCRIPTION	BY	DATE	APPROVED
ALL	A	DMAN-8WSRMQ.VER01	NEW RELEASE	D.MALOON	08/03/12	D.McNAMARA
SH1-2 SH1.B6	B	DMAN-95KKF2.VER01	MOLDED VAC. CAP REPLACED WITH SST CAP CHANGED NOTE 2: VAC CAP MAT'L WAS LCP	D.MALOON	03/07/13	D.McNAMARA
SH1 SH3 SH4	C	MCHH-9UJSA4.VER01	ADDED NOTE 11. ADDED HOLES NOT NECESSARY TO NOTE 4. REMOVED A DRILLED HOLE ON SHEETS 3&4	M.CHARETH	03/13/15	D.McNAMARA

DRW NO. C-379-5181-500 SH 1 REV C

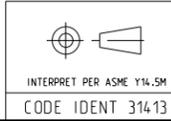
PART NUMBER	DESCRIPTION
379-5181-X00	PLUG ASSY. 6 PAIR, 3 MM HIGH (REDUCED WIPE), 10 WAFERS, 100 OHMS NO LOSSY
379-5281-X00	PLUG ASSY. 6 PAIR, 3 MM HIGH (REDUCED WIPE), 10 WAFERS, 85 OHMS NO LOSSY



ISOMETRIC VIEW
SCALE 6/1

- NOTES:
- 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.
 - MAT'L:
HOUSING/WAFERS - LCP.
VACUUM CAP - SST.
CONTACTS - HIGH PERFORMANCE COPPER ALLOY, PER MTS-506.
 - 0.71 DIA SOLDER SPHERES WILL NOT BE PERFECTLY SPHERICAL AFTER REFLOW ATTACHMENT.
 - HOLES RECOMMENDED FOR VISUAL INSPECTION OF CONNECTOR ALIGNMENT AFTER PLACEMENT AND BEFORE REFLOW. HOLES ARE NOT REQUIRED.
 - SOLDER BALL PROTRUSION BELOW HOUSING.
 - SEE TECHNICAL BULLETIN TB-2241 FOR DETAILED SMT PROCESSING AND PCB FOOT PRINT RECOMMENDATIONS.
 - MAXIMUM CO-PLANARITY OF THE BALL FIELD.
 - MAXIMUM RADIAL TRUE POSITION OF ANY SOLDER BALL IN RELATION TO AN IDEAL BEST FIT GRID.
 - TOLERANCES DO NOT APPLY TO REFERENCE DIMENSIONS SHOWN IN "Ø" OR BASIC DIMENSIONS SHOWN IN "□".
 - REFER TO FILE 379-5X81-XX0.STP FOR SIMPLIFIED 3D MODEL OF ASSEMBLY.
 - TOOLING HOLES USED FOR INTERNAL PROCESS ALIGNMENT AND NOT REQUIRED FOR SMT PROCESS ALIGNMENT. QUANTITY OF TOOLING HOLES IS OPTIONAL, AT MANUFACTURERS DISCRETION.

TOLERANCES	DESIGN	DATE	DESIGNER	APPROVED	TITLE
0.0 ±0.25	02/23/12	02/23/12	D.MALOON	D.MALOON	PLUG ASSEMBLY, 10 WAFERS
0.00 ±0.13	08/03/13	08/03/13	D.McNAMARA	D.McNAMARA	InfinX 6 PAIR, 3 MM HIGH REDUCED WIPE
0.000 ± -	08/03/12	08/03/12	D.McNAMARA	D.McNAMARA	
ANGLES ± 3°	08/03/12	08/03/12	D.McNAMARA	D.McNAMARA	



INTERPRET PER ASME Y14.5M
CODE IDENT 31413

CUSTOMER USE
DRAWING

Amphenol TCS A Division of Amphenol Corporation 200 Innovative Way, Nashua, NH 03082 603.879.3000	
PART NO.	SEE TABLE 1
DRAWING NO.	C-379-5181-500
PROJ TYPE	01155-PLUG-ASSY-6X03X10-RW-VCO
SCALE	5/1
SHEET	1 OF 4

DRW NO. C-379-5181-500

SH 1 REV C

8

7

6

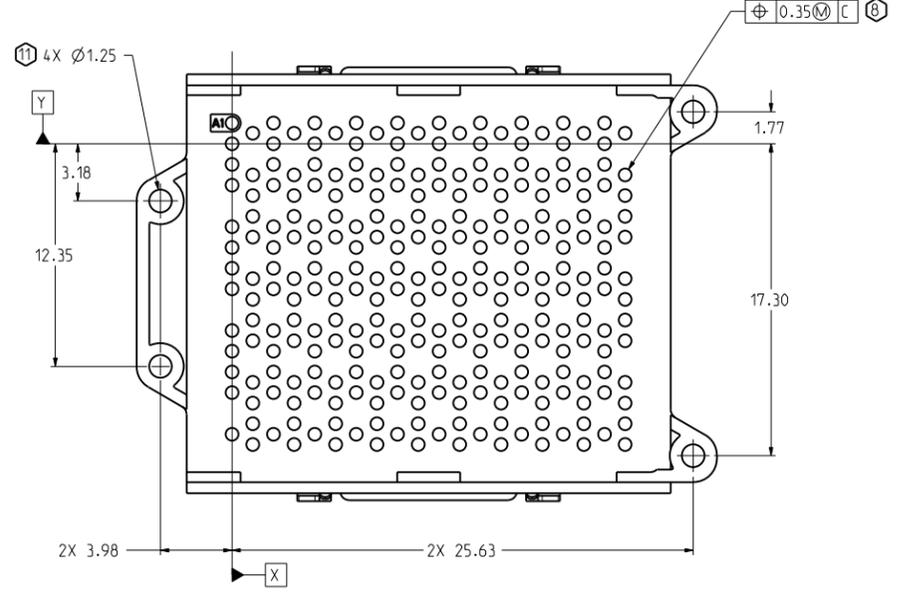
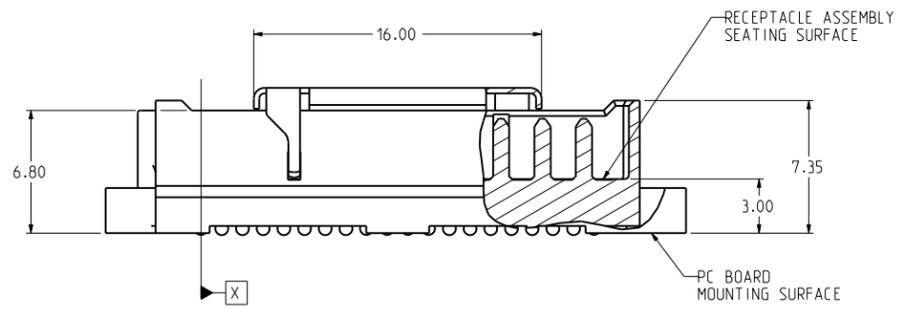
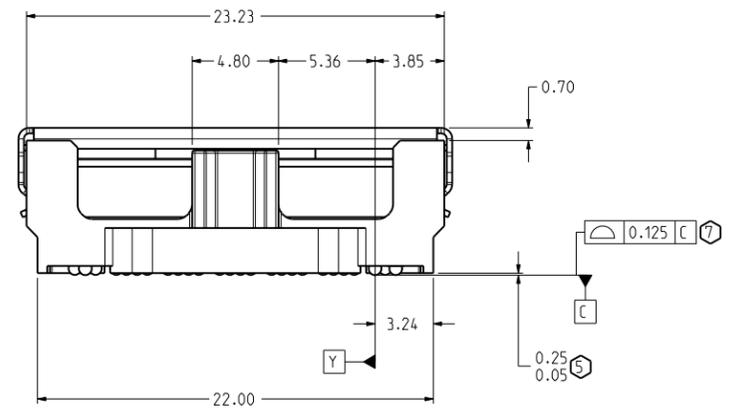
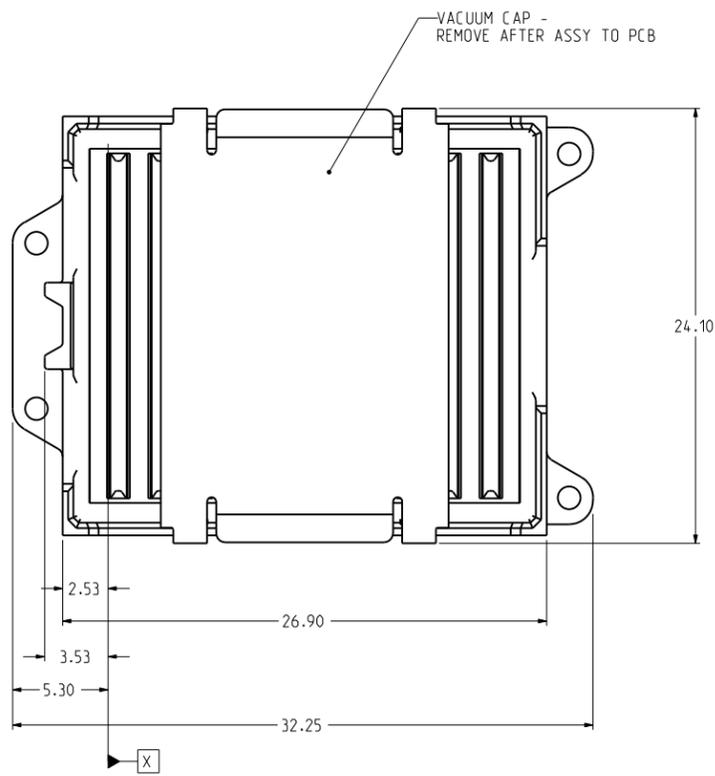
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4

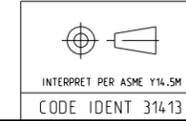
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DRW NO. C-379-5181-500 SH 2 REV C

ZONE	REV	SCR NUMBER	DESCRIPTION	BY	DATE	APPROVED
			SEE SHEET 1			



TOLERANCES		DESIGN 02/23/12 D.MALOON	Amphenol TCS A Division of Amphenol Corporation 200 Innovative Way, Nashua, NH 03082 603.879.3000	TITLE	
0.0	±0.25	DRAWN 02/23/12 D.MALOON		PLUG ASSEMBLY, 10 WAFERS	REV
0.00	±0.13	CHK 08/03/12 D.McNAMARA	InfinX 6 PAIR, 3 MM HIGH REDUCED WIPE	REV	C
0.000	± -	APVD 08/03/12 D.McNAMARA	PART NO. SEE TABLE 1	REV	N/A
ANGLES	± 3°		DRAWING NO. C-379-5181-500	REV	C
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM. DECIMAL MARKER IS A PERIOD.			PART 0155-PLUG-ASSY-6X03X10-RW-VCO	1.10	B.11
			DRAWING C-379-5181-500	1.10	B.11
SIZE D		SCALE 5/1	SHEET 2 OF 4		



CUSTOMER USE DRAWING

DRW NO. C-379-5181-500

SH 2 REV C

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3

DRW NO. C-379-5181-500

SH 3 REV C

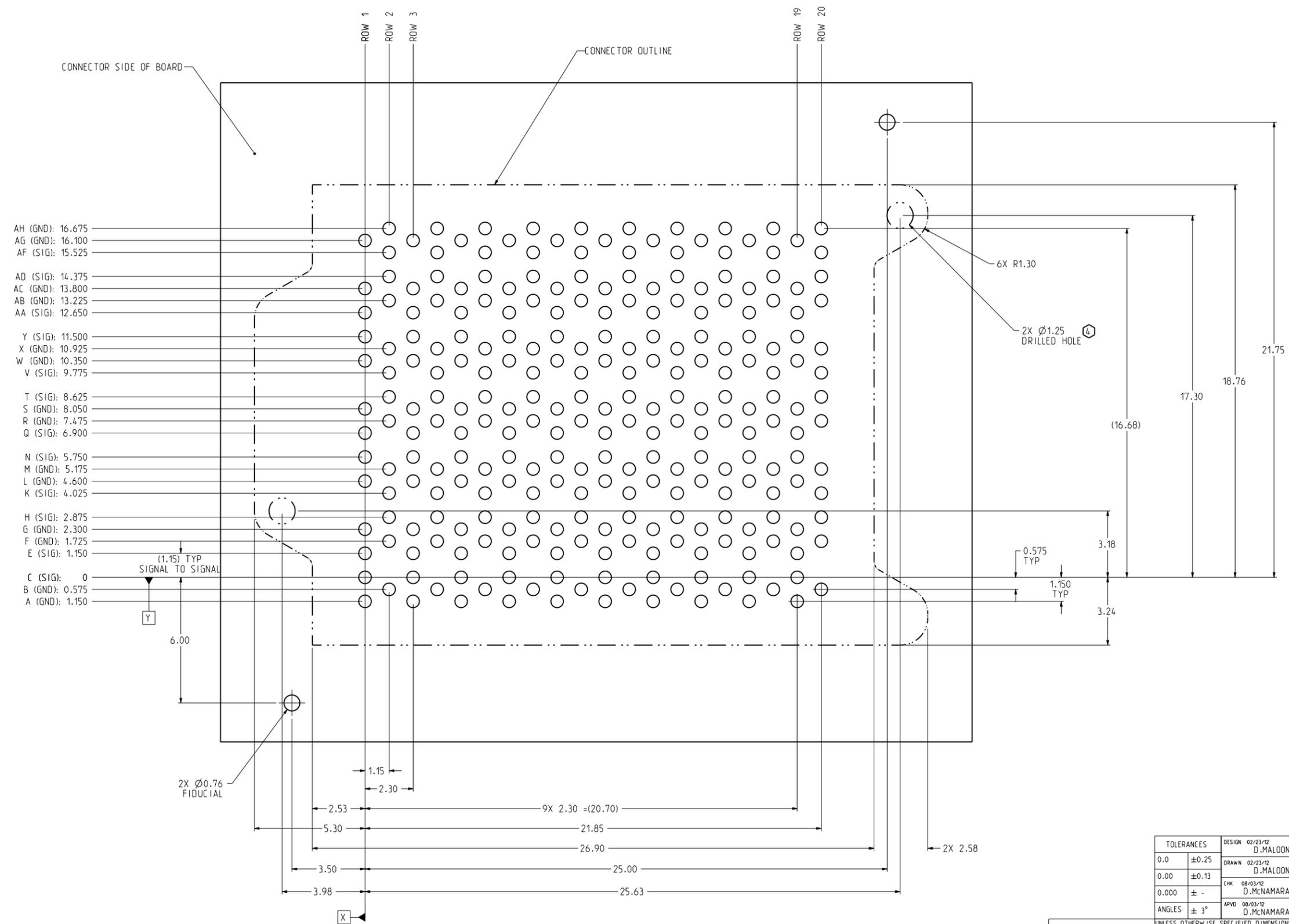
ZONE	REV	SCR NUMBER	DESCRIPTION	BY	DATE	APPROVED
			SEE SHEET 1			

D

C

B

A



PAD LAYOUT
SCALE 10/1

TOLERANCES		DESIGN 02/23/12 D.MALOON	Amphenol TCS A Division of Amphenol Corporation 200 Innovative Way, Nashua, NH 03082 603.879.3000	TITLE PLUG ASSEMBLY, 10 WAFERS InfinX 6 PAIR, 3 MM HIGH REDUCED WIPE		
0.0	±0.25	DRAWN 02/23/12 D.MALOON		PART NO. SEE TABLE 1	REV N/A	
0.00	±0.13	CHK 08/03/12 D.McNAMARA		DRAWING NO. C-379-5181-500	REV C	
0.000	± -	APVD 08/03/12 D.McNAMARA		PROV Type: 01155-PLUG-ASSY-6X03X10-RW-VCO Prov DRAWING: C-379-5181-500	1.10 B.11	
ANGLES ± 3°		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM. DECIMAL MARKER IS A PERIOD.		SIZE D	SHEET 3 OF 4	

INTERPRET PER ASME Y14.5M
 CODE IDENT 31413

**CUSTOMER USE
DRAWING**

DRW NO. C-379-5181-500

SH 3 REV C

8

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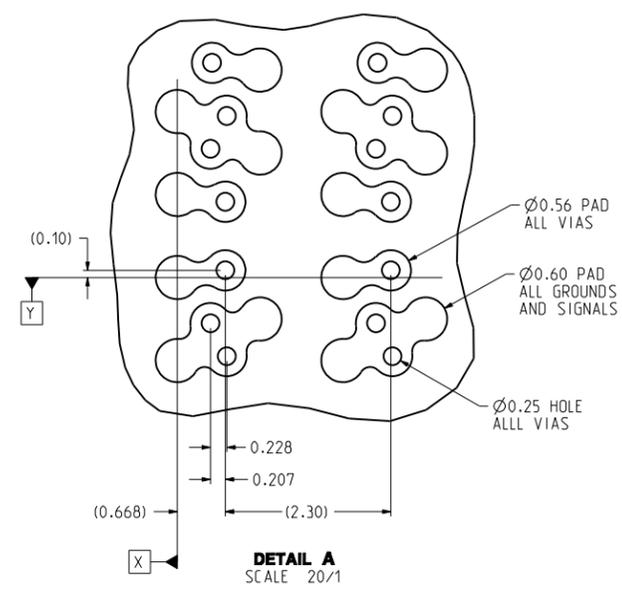
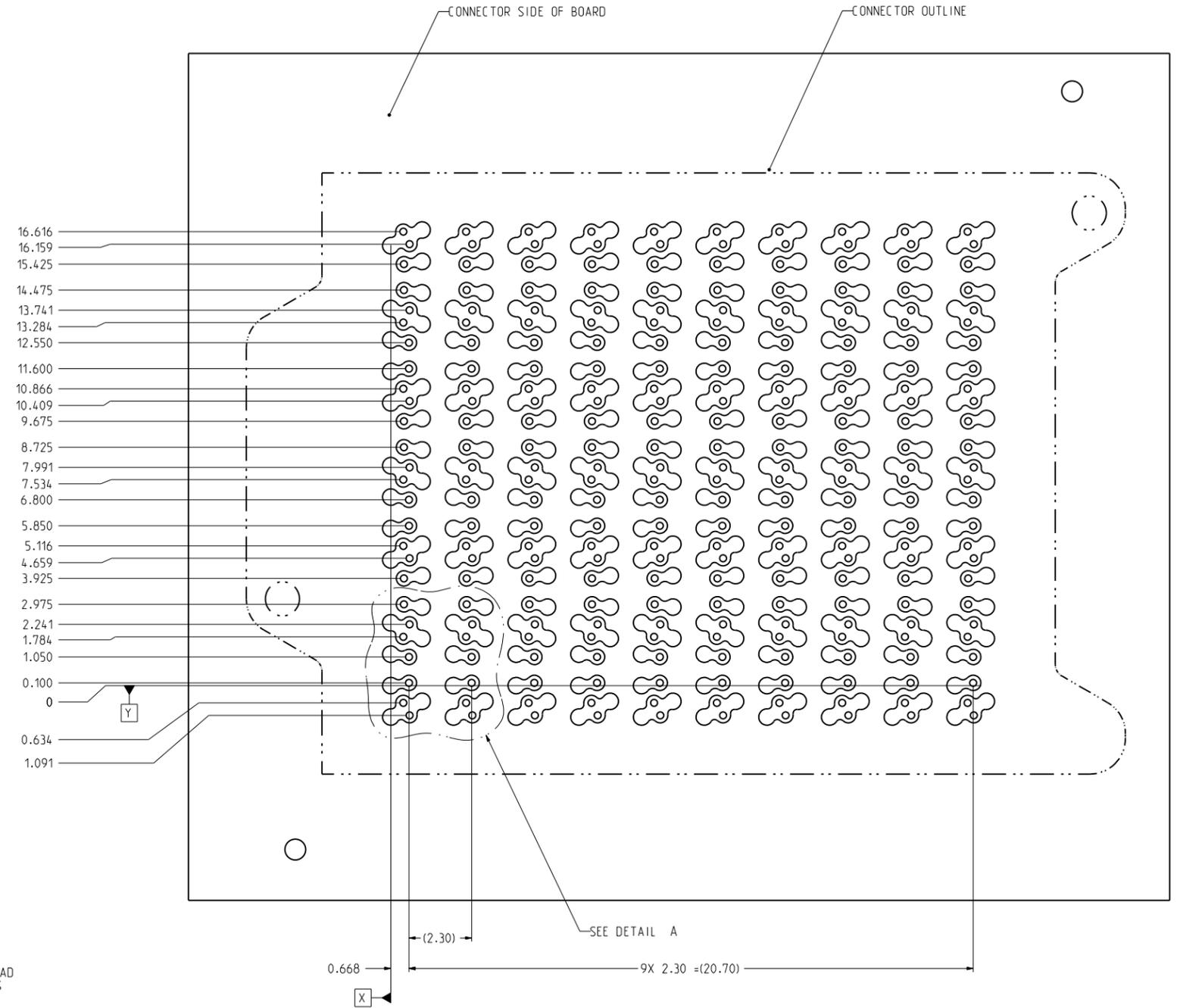
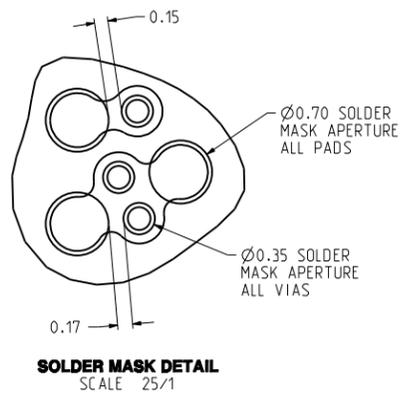
8 7 6 5 4 3

DRW NO. C-379-5181-500 SH 4 REV C

ZONE	REV	SCR NUMBER	DESCRIPTION	BY	DATE	APPROVED
			SEE SHEET 1			

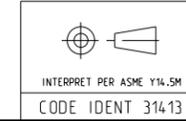
D
C
B
A

D
C
B
A



8 7 6 5 4 3 2 1

TOLERANCES		DESIGN 02/23/12 D.MALOON	Amphenol TCS A Division of Amphenol Corporation 200 Innovative Way, Nashua, NH 03082 603.878.3000	TITLE PLUG ASSEMBLY, 10 WAFERS InfinX 6 PAIR, 3 MM HIGH REDUCED WIPE	PART NO. SEE TABLE 1	REV N/A
0.0	±0.25	DRAWN 02/23/12 D.MALOON				REV C
0.00	±0.13	CHK 08/03/12 D.McNAMARA				
0.000	± -	APVD 08/03/12 D.McNAMARA				
ANGLES	± 3°					



DRW NO. C-379-5181-500

SH 4 REV C

REV N/A

DRAWING NO. C-379-5181-500
PROF TYPE: 01155-PLUG-ASSY-6X03X10-RW-VCO
SCALE 4/1 SHEET 4 OF 4