

8

7

6

5

4

3

DRW NO.
C-940-612F-500

SH
1

REV
9.0

ZONE	REV	SCR NUMBER	DESCRIPTION	BY	DATE	APPROVED
	9.0	ELUN-9DDHSC.VER01	UPDATED WIPE LENGTH AND PLATING OPTIONS. UPDATED SHADOW VIAS	E. LUKIN	11/12/2013	E. LUKIN

NOTE: OMITTED REVISIONS NOT RELEASED

940-61XF-X0X

XCede ORTHOGONAL BACKPLANE MODULE MALE STANDARD LOAD

6 PAIR

F = 12 POS

2 = 90°(100 OHM)
3 = 270°(100 OHM)
4 = 90°(85 OHM)
5= 270°(85 OHM)

NUMBER	SIGNAL, LG. GROUND & SM GND. WIPE LENGTH, COMPLIANT PIN SIZE
9	2.5MM WIPE SIGNAL, 3.5MM WIPE LG GND, 2.5MM WIPE SM GND. Ø0.0177" DRILL
B	2.0MM WIPE SIGNAL, 3.5MM WIPE LG GND, 3.5MM WIPE SM GND. Ø0.0177" DRILL
C	2.5MM WIPE SGNAL, 3.5MM WIPE LG GND, 3.5MM SM GND, Ø0.0177" DRILL
D	2.0MM WIPE SIGNAL, 3.5MM WIPE LG GND, 2.5MM WIPE SM GND. Ø0.0177" DRILL
E	3.0MM WIPE SIGNAL, 4.0MM WIPE LG GND, 4.0MM WIPE SM GND, Ø0.0177" DRILL
F	2.0MM WIPE SIGNAL, 3.0MM WIPE LG GND, 2.5MM WIPE SM GND. Ø0.0177" DRILL
G	3.0MM WIPE SIGNAL, 4.0MM WIPE LG GND, 2.5MM WIPE SM GND, Ø0.0177" DRILL
H	2.0MM WIPE SIGNAL, 3.0MM WIPE LG GND, 3.0MM WIPE SM GND. Ø0.0177" DRILL

PLATING 4

LETTER	DESCRIPTION
D	Ni SULFAMATE, STANDARD GOLD, LEAD-FREE
E	Ni SULFAMATE, HIGH GOLD, LEAD-FREE
H	NANO Ni, STANDARD GOLD, LEAD-FREE
J	NANO Ni, HIGH GOLD, LEAD-FREE

ISOMETRIC VIEW
SCALE 2/1

NOTES:
1. REFER TO TB-2150 FOR XCede PRODUCT SPECIFICATIONS.
2 NOTCH DESIGNATES "ROW A" SIDE OF SHROUD. NOTCH FEATURE ON OPPOSITE SIDE FROM PART MARKING.
3. PART MARKING AS FOLLOWS:
 LINE 1: "ATCS" AND DATECODE (ATCS YYWW).
 LINE 2: MODULE PART NUMBER (940-###-###).
 LINE 3: WORK ORDER NUMBER (#####).
 WHERE "*" DENOTES MANUFACTURING LOCATION.
4 PLATING THICKNESS OF SIGNAL CONTACT AND GROUND CONTACT IS DETERMINED BY PLATING CODE. SEE PART NUMBER TREE SHEET 1.
5. REPAIR PROCEDURE FOR MODULE. SEE TB-2210.
6 SEE TB-2149 FOR ROUTING GUIDELINES & PTH REQ'S.
7 SEE DOC C190-1001-000 FOR TOOLING KEEPOUT ZONES.
8 BACKPLANE DATUM REFERENCE.
9 DIMENSIONS APPLY FOR BOTH COMPLIANT PIN SIZES.

INTERPRET PER ASME Y14.5M
CODE IDENT 314.13

CUSTOMER USE
DRAWING

TOLERANCES	DESIGN	09/01/2011 M.RECEPUTO
0.0	±0.25	DRAWN 08/30/2011 M.RECEPUTO
0.00	±0.13	CHK 08/30/2011 J.DUNHAM
0.000	± -	APVD 08/30/2011 J.DUNHAM
ANGLES	± 3°	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM. DECIMAL MARKER IS A PERIOD

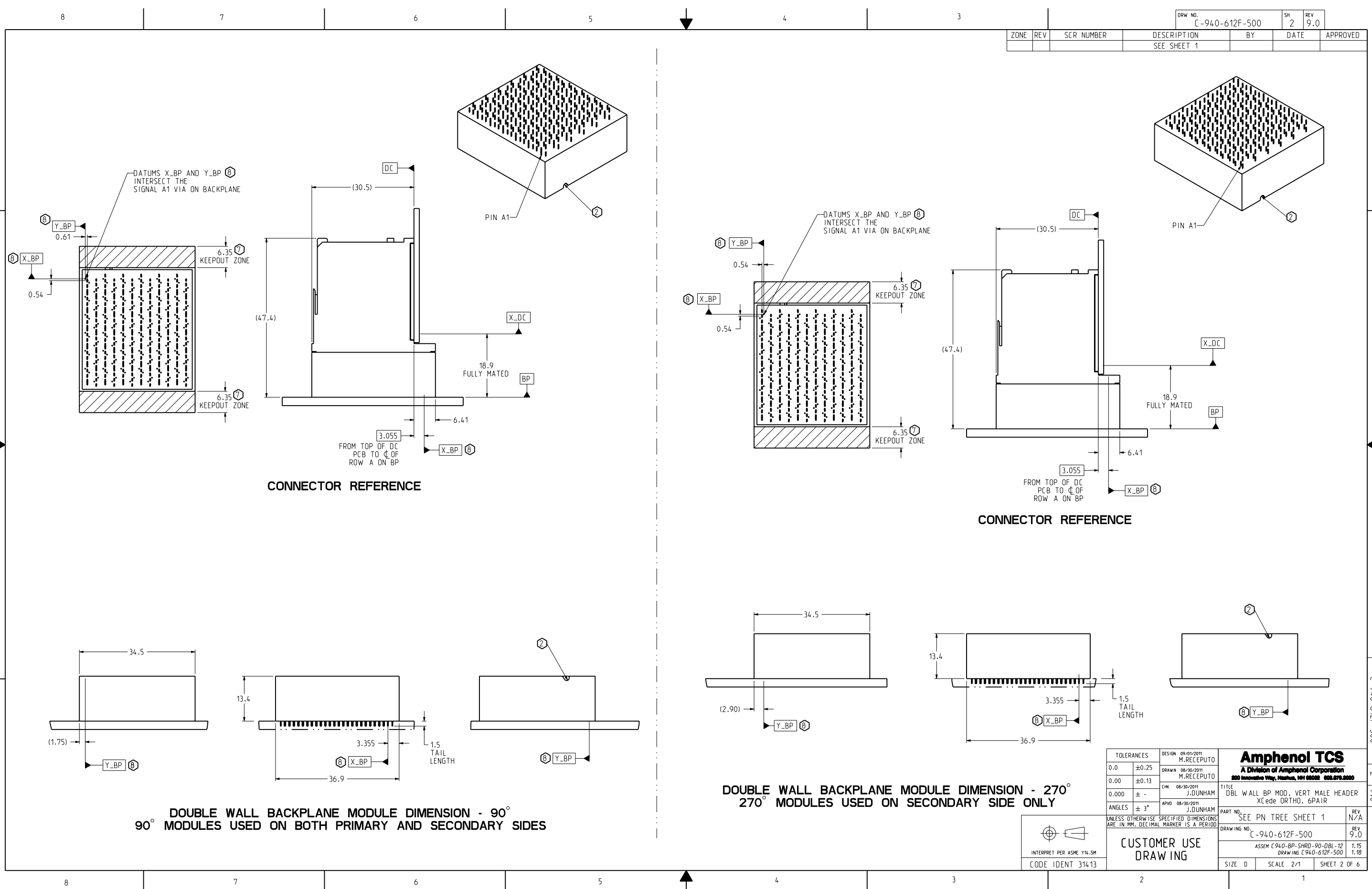
Amphenol TCS
A Division of Amphenol Corporation
800 Innovative Way, Nashua, NH 03062 603.879.5000

PART NO.	SEE PN TREE SHEET 1	REV	N/A
DRAWING NO.	C-940-612F-500	REV	9.0
ASSEM C940-BP-SHRO-GEN		1.14	
DRAWING C940-612F-500		1.18	
SIZE	D	SCALE	1/1
		SHEET	1 OF 6

DRW NO.
C-940-612F-500

SH
1

REV
9.0



ZONE		REV	SCR NUMBER	DESCRIPTION	BY	DATE	APPROVED
				SEE SHEET 1			

DRW NO.	SH	REV
C-940-612F-500	2	9.0

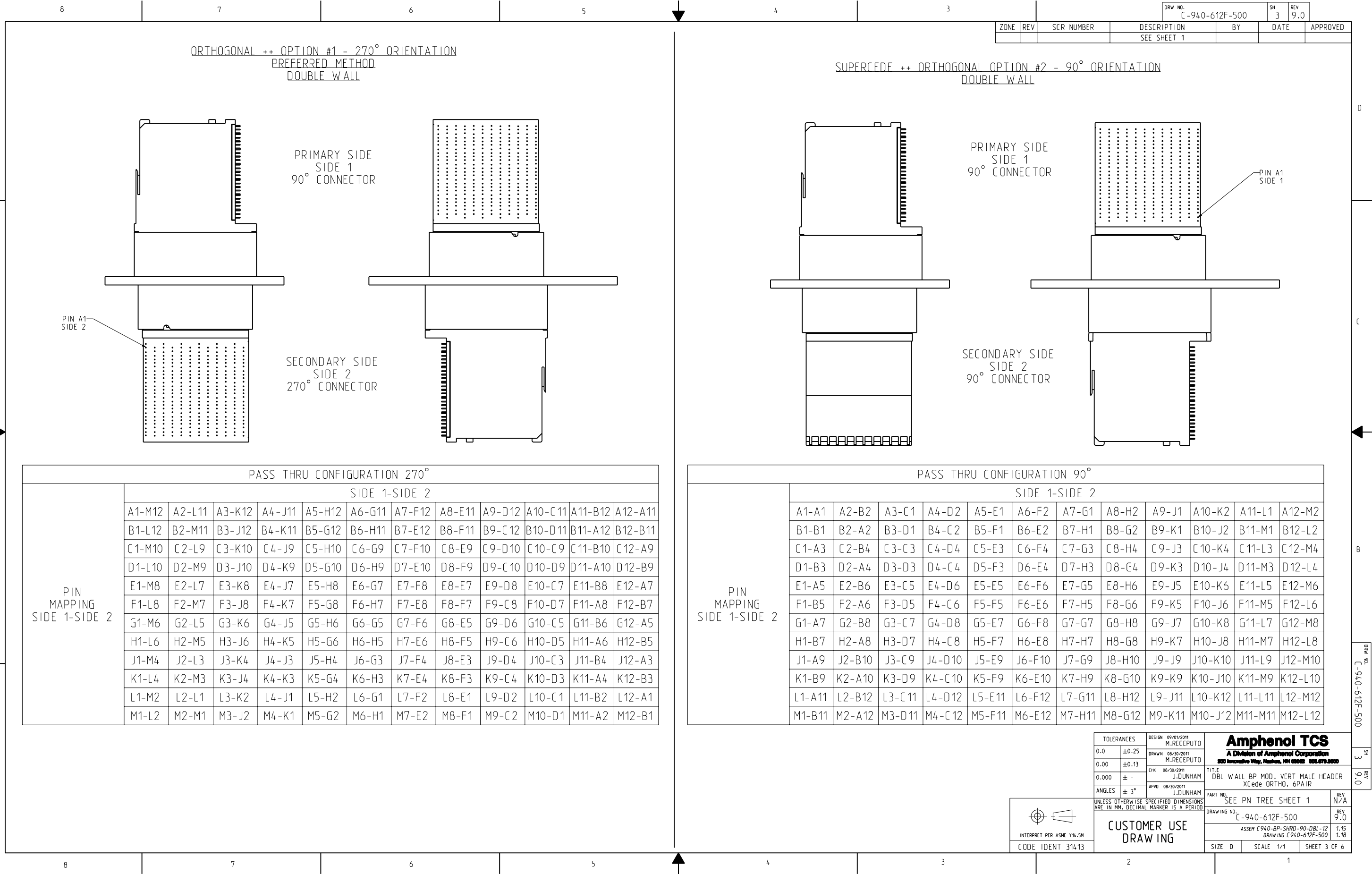
TOLERANCES		DESIGN 09/01/2011 M.RECEPUTO	Amphenol TCS A Division of Amphenol Corporation 200 Innespave Way, Needham, NH 03656 603.875.8000		
0.0	±0.25	DRAWN 08/30/2011 M.RECEPUTO	TITLE DBL WALL BP MOD. VERT MALE HEADER Xcede ORTHO. 6PAIR		
0.00	±0.13	CHK 08/30/2011 J.DUNHAM			
0.000	± -	APVD 08/30/2011 J.DUNHAM			
ANGLES	± 3°				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM. DECIMAL MARKER IS A PERIOD					
CUSTOMER USE DRAWING			PART NO.	SEE PN TREE SHEET 1	REV N/A
			DRAWING NO.	C-940-612F-500	REV 9.0
			ASSEM C940-BP-SHRD-90-DBL-12 DRAWING C940-612F-500		1.15 1.18
			SIZE D	SCALE 2/1	SHEET 2 OF 6

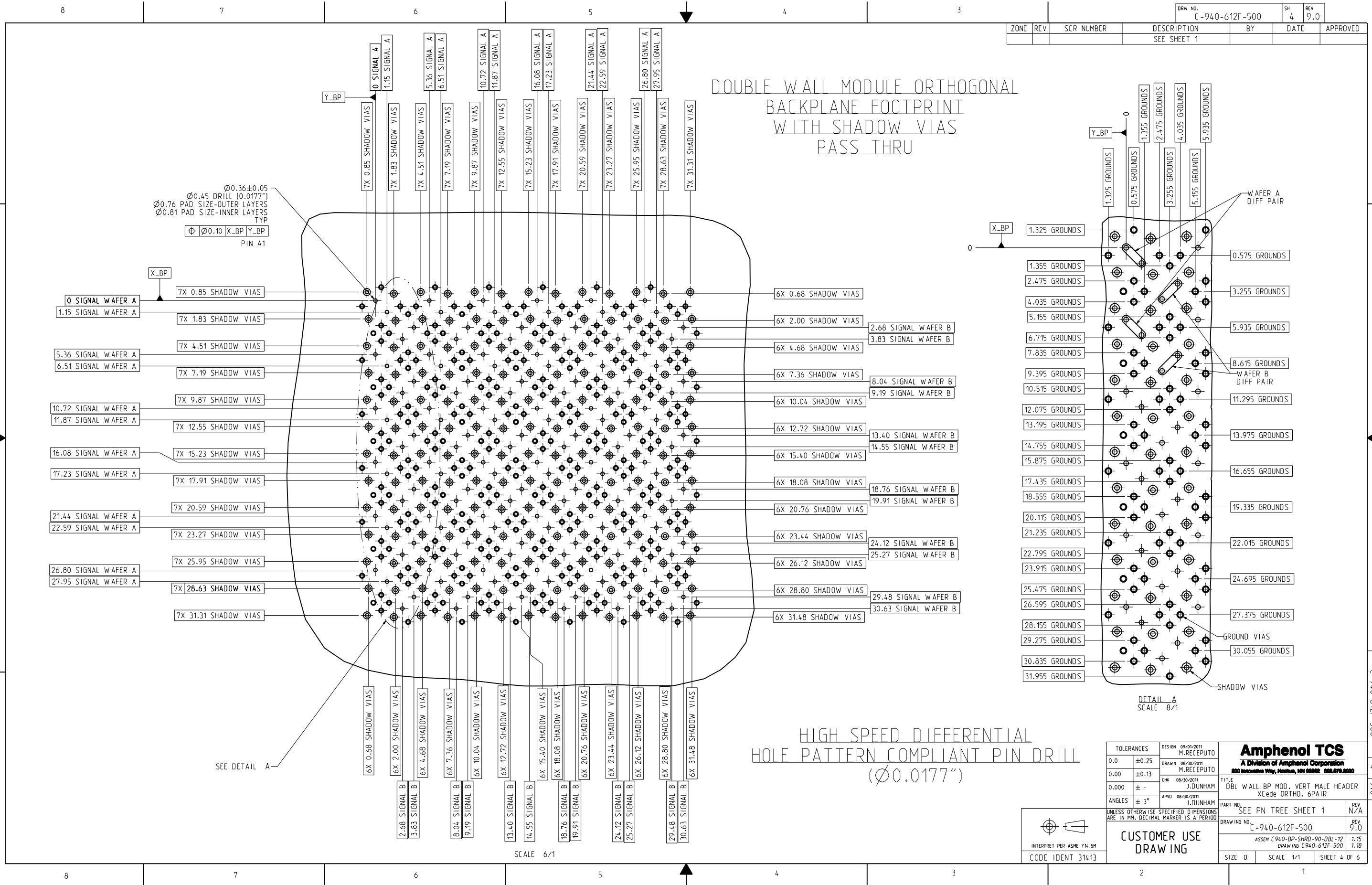
INTERPRET PER ASME Y14.5M
CODE IDENT 314.13

CUSTOMER USE
DRAWING

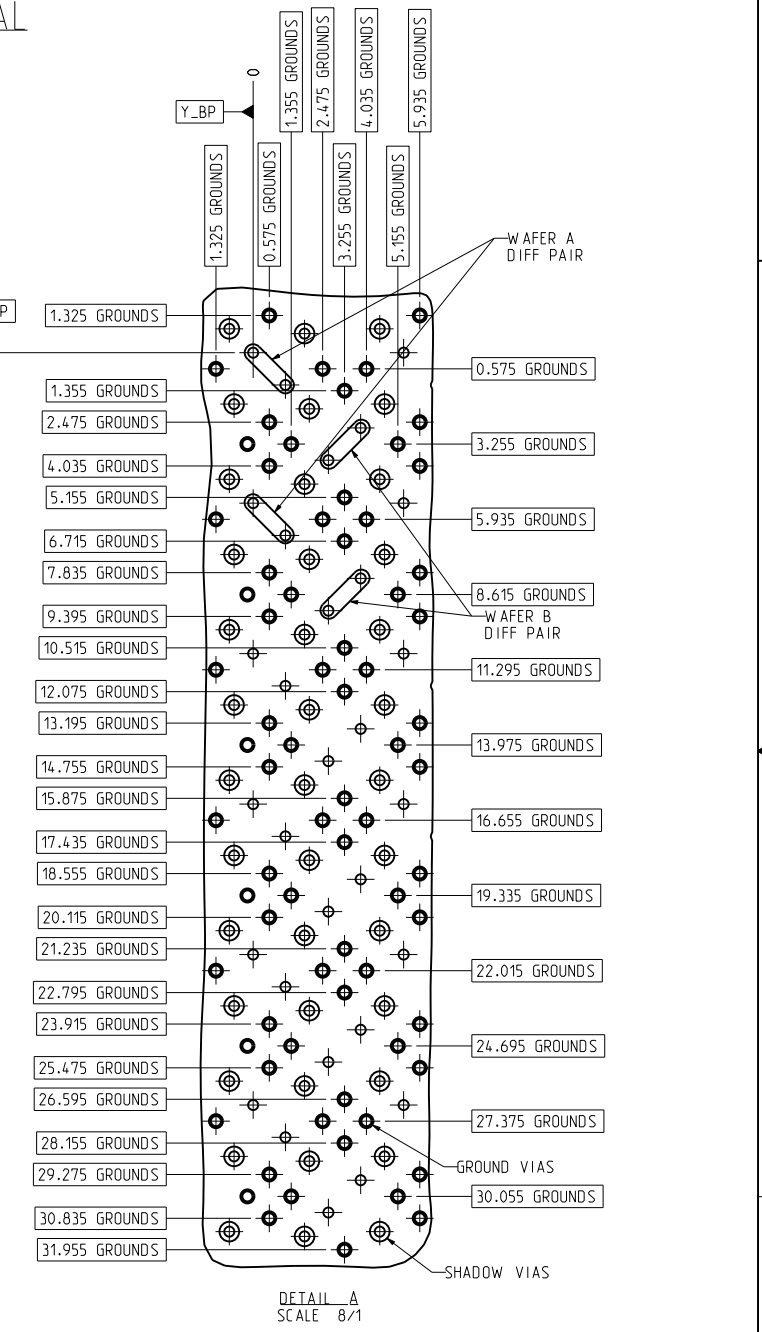
Amphenol TCS
A Division of Amphenol Corporation
200 Innovative Way, Nashua, NH 03062 603.878.2000

DRW NO. C-940-612F-500
SH 2
REV 9.0

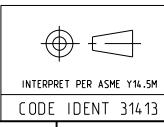




DRW NO.		SH		REV	
C-940-612F-500		4		9.0	
ZONE	REV	SCR NUMBER	DESCRIPTION	BY	DATE
			SEE SHEET 1		
			APPROVED		

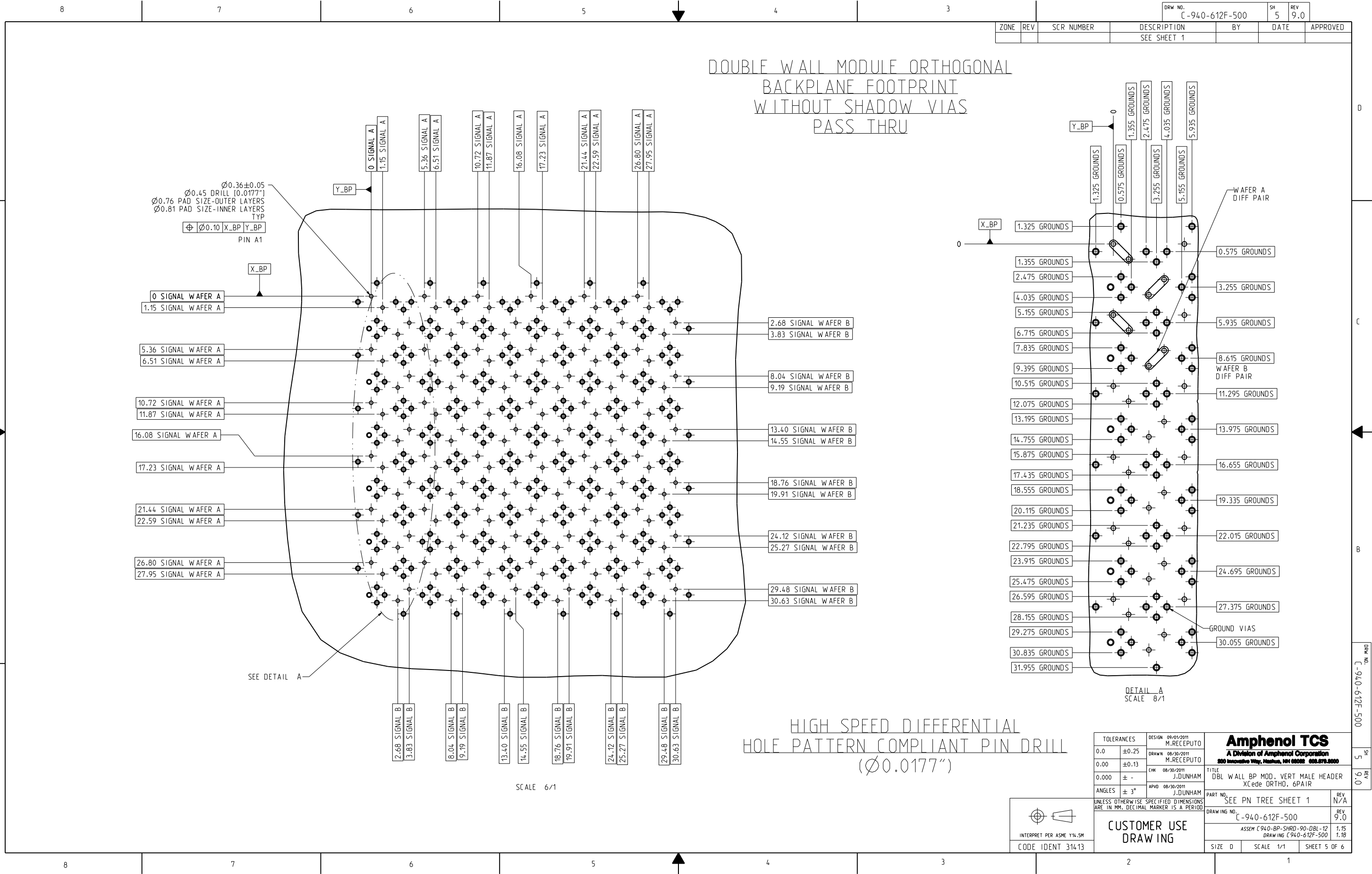


TOLERANCES		DESIGN 09/01/2011 M.RECEPUTO		Amphenol TCS A Division of Amphenol Corporation 280 Innovative Way, Nashua, NH 06062 603.879.2000	
0.0	±0.25	DRAWN 08/30/2011 M.RECEPUTO		TITLE DBL WALL BP MOD. VERT MALE HEADER XCede ORTHO. 6PAIR	
0.00	±0.13	CHK 08/30/2011 J.DUNHAM		PART NO. SEE PN TREE SHEET 1	
0.000	±	APVD 08/30/2011 J.DUNHAM		REV N/A	
ANGLES ± 3°				DRAWING NO. C-940-612F-500	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM. DECIMAL MARKER IS A PERIOD				REV 9.0	
CUSTOMER USE DRAWING				ASSEM C940-BP-SHRD-90-DBL-12 DRAWING C940-612F-500	
				1.15 1.18	
SIZE D		SCALE 1/1		SHEET 4 OF 6	



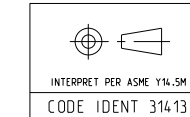
DRW NO. C-940-612F-500

SH 4 REV 9.0



DOUBLE WALL MODULE ORTHOGONAL
BACKPLANE FOOTPRINT
WITHOUT SHADOW VIAS
PASS THRU

HIGH SPEED DIFFERENTIAL
HOLE PATTERN COMPLIANT PIN DRILL
($\varnothing 0.0177''$)



CUSTOMER USE
DRAWING

TOLERANCES		DESIGN 09/01/2011 M.RECEPUTO	Amphenol TCS A Division of Amphenol Corporation 200 Innovative Way, Needham, MA 02455 619.575.2000				
0.0	±0.25	DRAWN 08/30/2011 M.RECEPUTO	TITLE DBL WALL BP ORD. VERT MALE HEADER XCede DRTHD. 6PAIR				
0.00	±0.13	CHK 08/30/2011 J.DUNHAM					
0.000	±	APVD 08/30/2011 J.DUNHAM					
ANGLES	± 3°						
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM. DECIMAL MARKER IS A PERIOD			PART NO.	SEE PN TREE SHEET 1	REV N/A		
CUSTOMER USE DRAWING			DRAWING NO.	C-940-612F-500	REV 9.0		
			ASSEM C'940-BP-SHRD-90-DBL-12 DRAWING C'940-612F-500				
			SIZE	D	SCALE	1/1	SHEET 5 OF 6

Amphenol TCS
A Division of Amphenol Corporation
200 Innovative Way, Nashua, NH 03062 603.879.2000

TITLE
DBL WALL BP MOD. VERT MALE HEADER
XCede ORTHO. 6PAIR

DRAW NO.
C-940-612F-500

SH
5

REV
9.0

