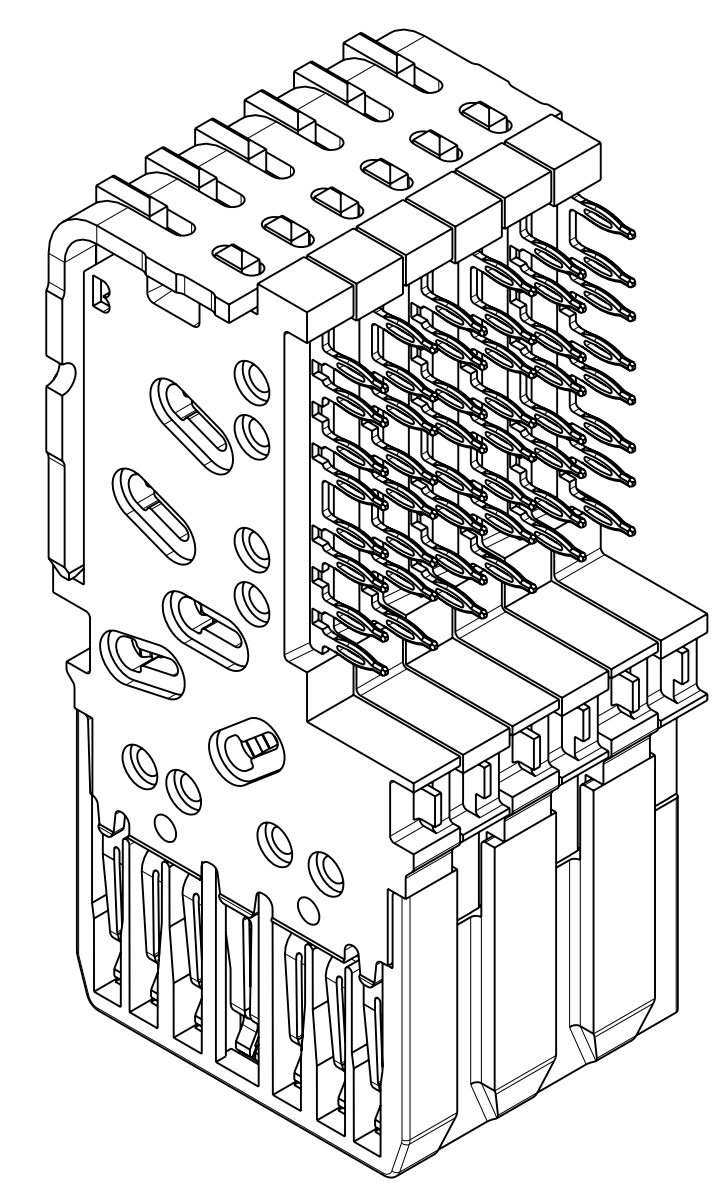


ZONE	REV	SCR NUMBER	DESCRIPTION	BY	DATE	APPROVED
ALL	01		INITIAL	C.LEIGHTON	09/01/2006	A.PFAHNL
	02		UPDATED PN TABLE	C.LEIGHTON	07/07/2007	A.PFAHNL
	3.0		ADDED 0.76 DIM	GIROUX	02/17/2008	A.PFAHNL
	4.0		REV TITLE BLOCK	GIROUX	06/20/2008	C.HEARD
	5.0		CHGD TEXT IN ZONE A4 TO READ 2PAIR NOT 4 PAIR	M.RECEPUTO	07/10/2008	G.HEATH
	6.0		UPDATED DRW FOR LOW SPEED MODULE AND ADDED SHEET 2	HCL-GM	02/25/2009	D.MANTER
SH 2	7.0		UPDATED LOW SPEED DIFFERENTIAL PINOUTS IN SHEET 2	HCL-GM	03/02/2009	D.MANTER
	8.0		FIX LOW SPEED DIFFERENTIAL PART NUMBERS; ADD 85Ω LOW SPEED	D.MANTER	09/21/09	D.MANTER

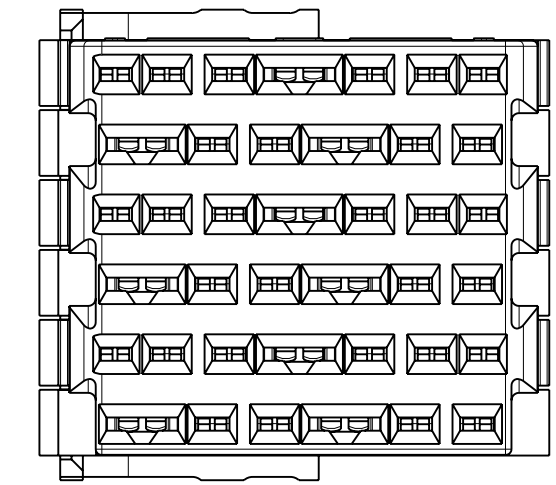
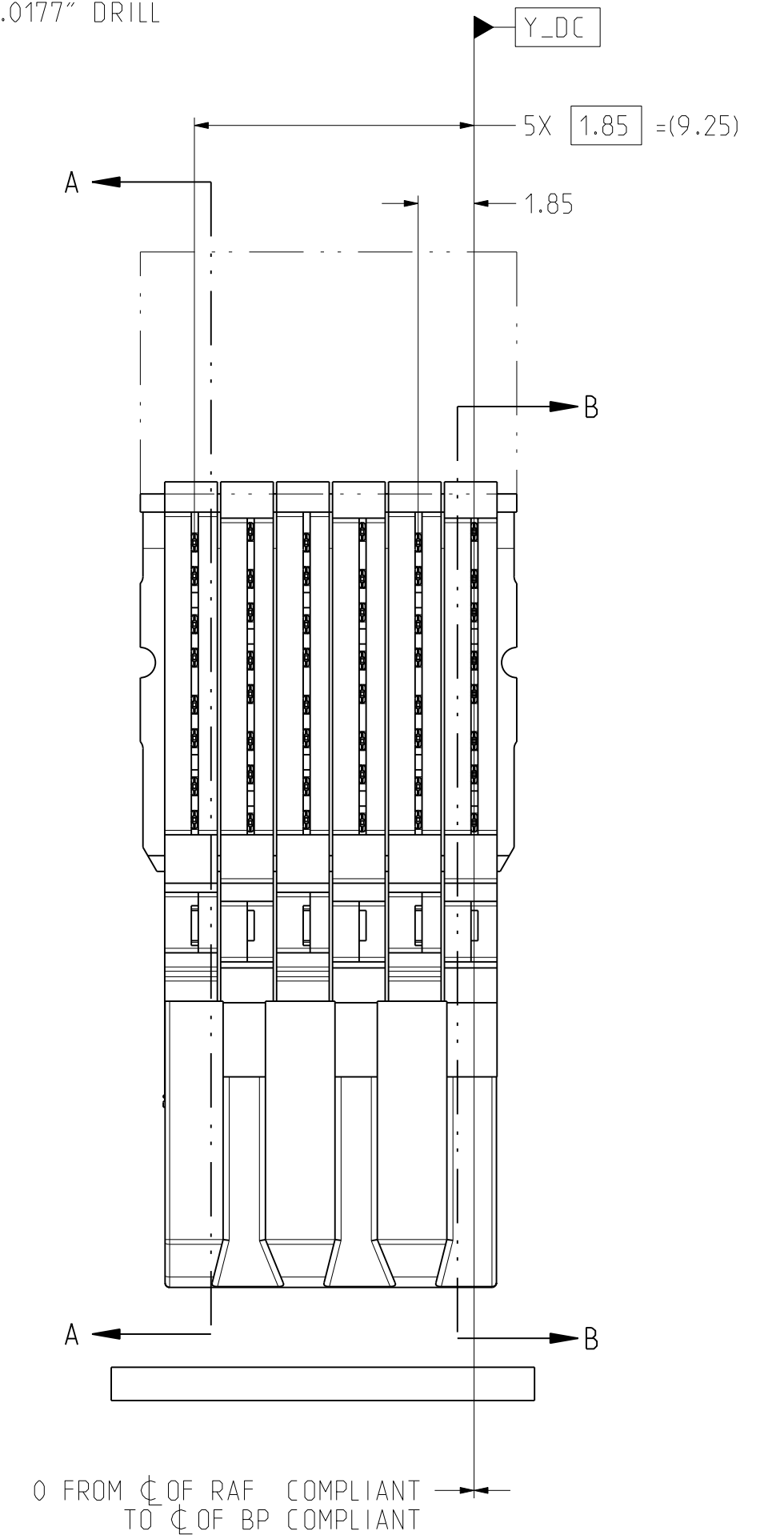
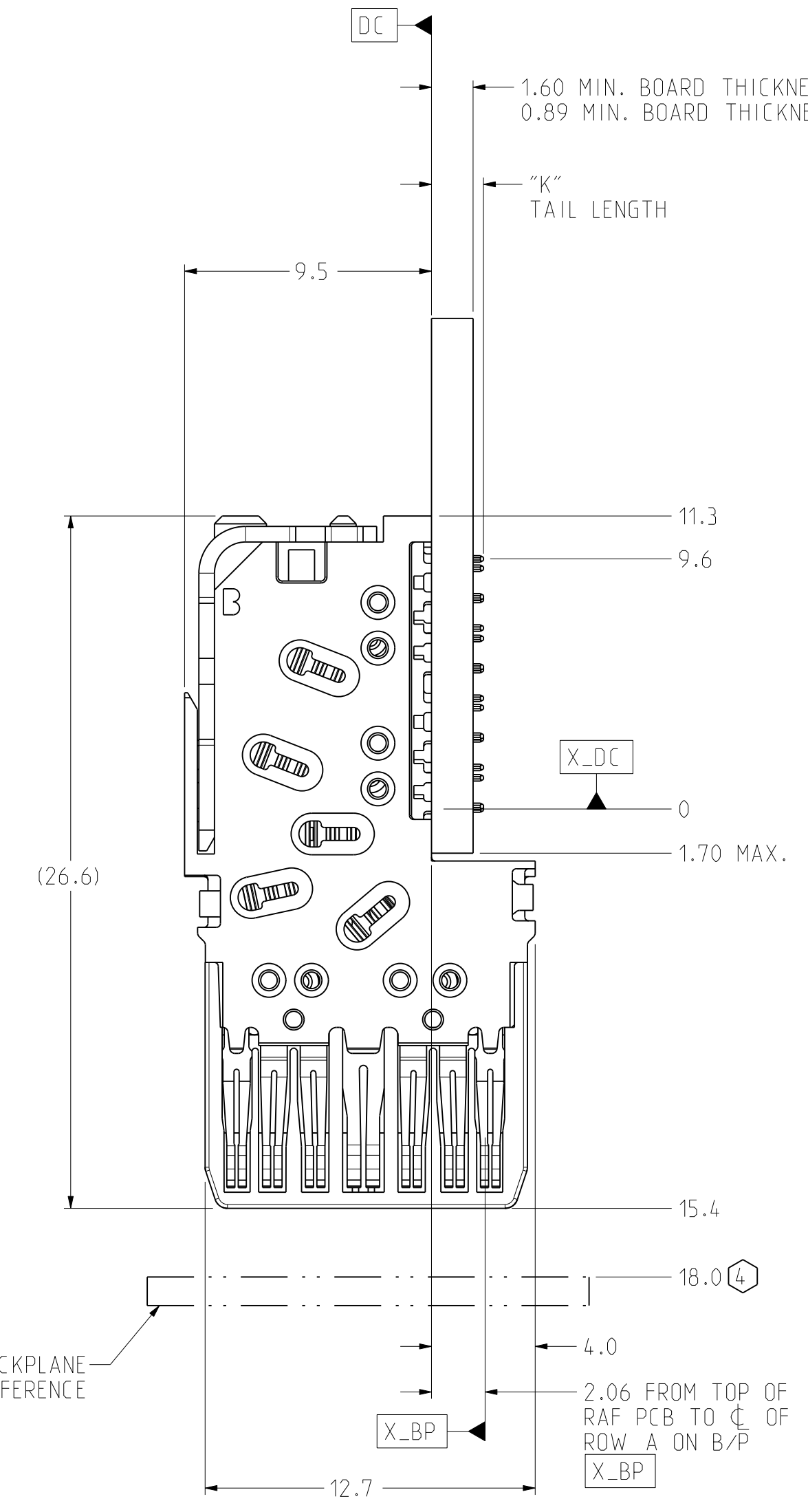
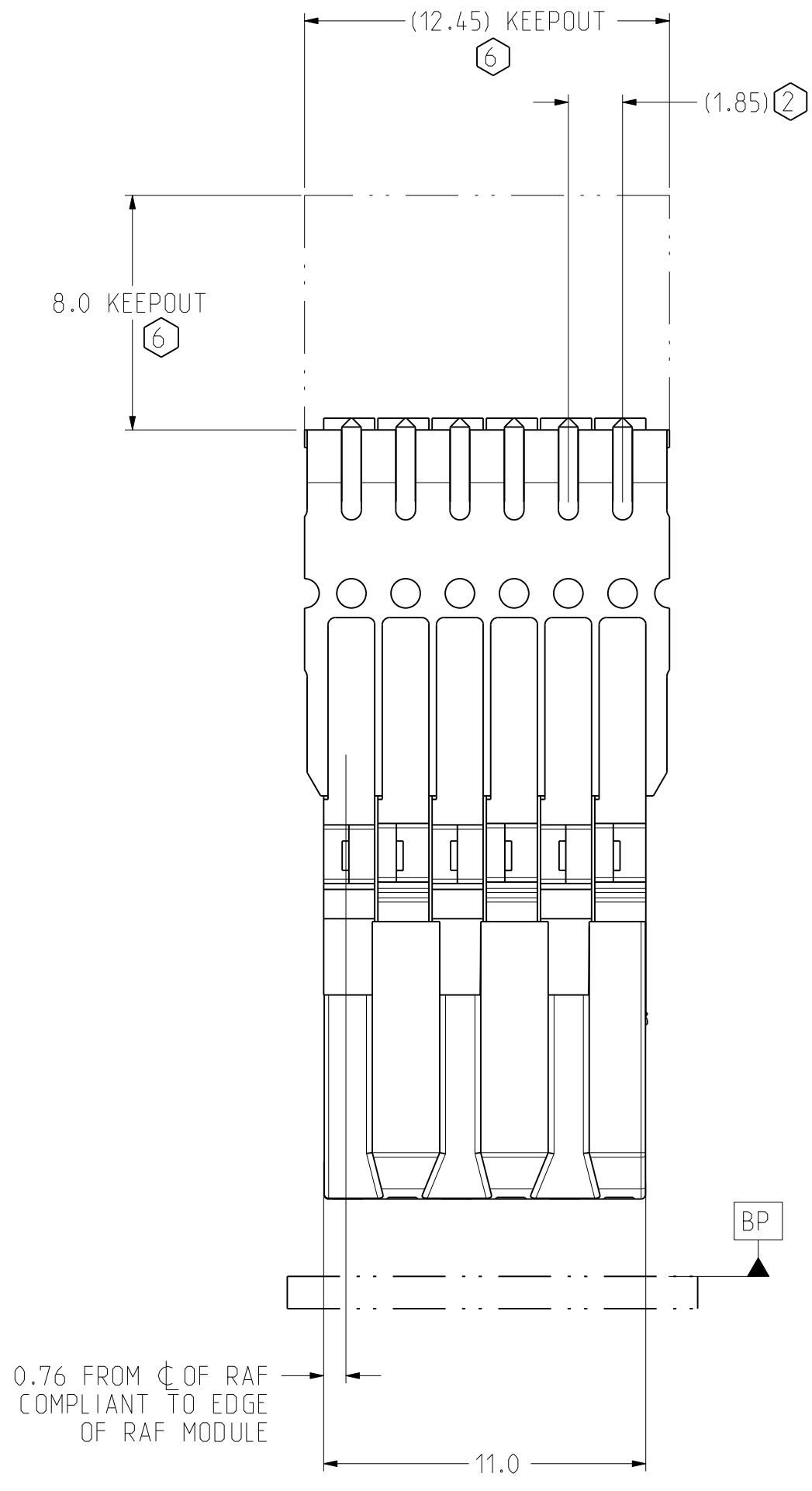
PART NUMBER	COMPLIANT PIN	IMPEDANCE	DESCRIPTION	PLATING	DIM "K"
950-200A-B1B	Ø0.0225"	100Ω	HIGH SPEED DIFFERENTIAL	30 MICROINCH GOLD	2.0
950-200A-B1C				50 MICROINCH GOLD	
950-200A-B1D				30 MICROINCH GOLD, LEADFREE	
950-200A-B1E				50 MICROINCH GOLD, LEADFREE	
950-200C-B1B	Ø0.0225"	85Ω	HIGH SPEED DIFFERENTIAL	30 MICROINCH GOLD	2.0
950-200C-B1C				50 MICROINCH GOLD	
950-200C-B1D				30 MICROINCH GOLD, LEADFREE	
950-200C-B1E				50 MICROINCH GOLD, LEADFREE	
950-200A-B3B	Ø0.0177"	100Ω	HIGH SPEED DIFFERENTIAL	30 MICROINCH GOLD	1.3
950-200A-B3C				50 MICROINCH GOLD	
950-200A-B3D				30 MICROINCH GOLD, LEADFREE	
950-200A-B3E				50 MICROINCH GOLD, LEADFREE	
950-200C-B3B	Ø0.0177"	85Ω	HIGH SPEED DIFFERENTIAL	30 MICROINCH GOLD	1.3
950-200C-B3C				50 MICROINCH GOLD	
950-200C-B3D				30 MICROINCH GOLD, LEADFREE	
950-200C-B3E				50 MICROINCH GOLD, LEADFREE	
950-200F-B1B	Ø0.0225"	100Ω	LOW SPEED DIFFERENTIAL	30 MICROINCH GOLD	2.0
950-200F-B1C				50 MICROINCH GOLD	
950-200F-B1D				30 MICROINCH GOLD, LEADFREE	
950-200F-B1E				50 MICROINCH GOLD, LEADFREE	
950-200G-B1B	Ø0.0225"	85Ω	LOW SPEED DIFFERENTIAL	30 MICROINCH GOLD	2.0
950-200G-B1C				50 MICROINCH GOLD	
950-200G-B1D				30 MICROINCH GOLD, LEADFREE	
950-200G-B1E				50 MICROINCH GOLD, LEADFREE	
950-200F-B3B	Ø0.0177"	100Ω	LOW SPEED DIFFERENTIAL	30 MICROINCH GOLD	1.3
950-200F-B3C				50 MICROINCH GOLD	
950-200F-B3D				30 MICROINCH GOLD, LEADFREE	
950-200F-B3E				50 MICROINCH GOLD, LEADFREE	
950-200G-B3B	Ø0.0177"	85Ω	LOW SPEED DIFFERENTIAL	30 MICROINCH GOLD	1.3
950-200G-B3C				50 MICROINCH GOLD	
950-200G-B3D				30 MICROINCH GOLD, LEADFREE	
950-200G-B3E				50 MICROINCH GOLD, LEADFREE	

	COMPLIANT PIN DRILL Ø0.0225"	COMPLIANT PIN DRILL Ø0.0177"
PTH	Ø0.51 0.41	Ø0.40 0.30
DRILL	Ø0.57 [0.0225"]	Ø0.45 [0.0177"]
PAD	Ø0.88 (3)	Ø0.75 (3)



ISOMETRIC VIEW
SCALE 5/1

- NOTES:
- INTENDED FOR LAYOUT PURPOSES ONLY.
 - FOR WAFER PITCH USE 1.85mm NOMINAL FOR DAUGHTERCARD LAYOUT.
 - STATED PAD SIZE MAY REQUIRE FILLETING. SEE TB-2149 FOR ROUTING GUIDELINES.
 - NOMINAL DIMENSIONS FOR FULLY SEATED CONNECTOR.
 - REFER TO TB-2150 FOR XCede PRODUCT SPECIFICATIONS.
 - FOR CONNECTOR REPAIRABILITY, USE KEEP OUT ZONE.
 - DIMENSION APPLIES FOR BOTH COMPLIANT PINS

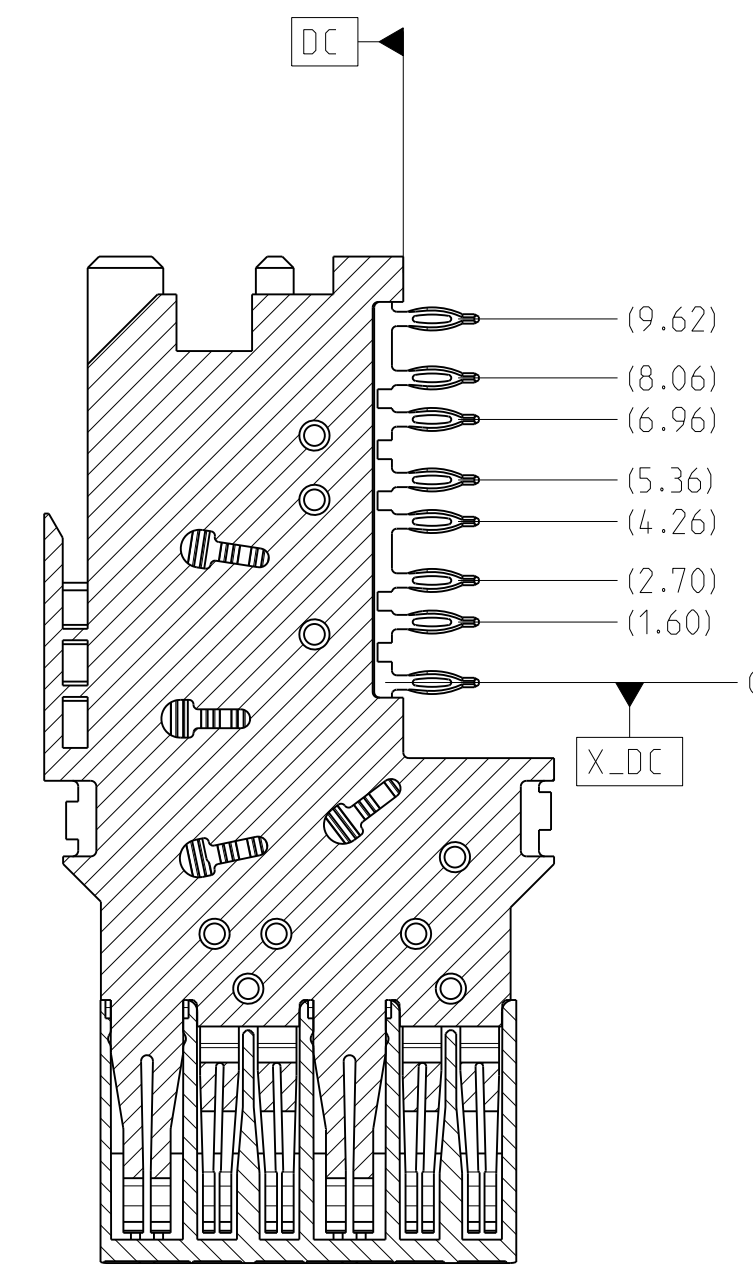


INTERPRET PER ASME Y14.5M
CODE IDENT 31413

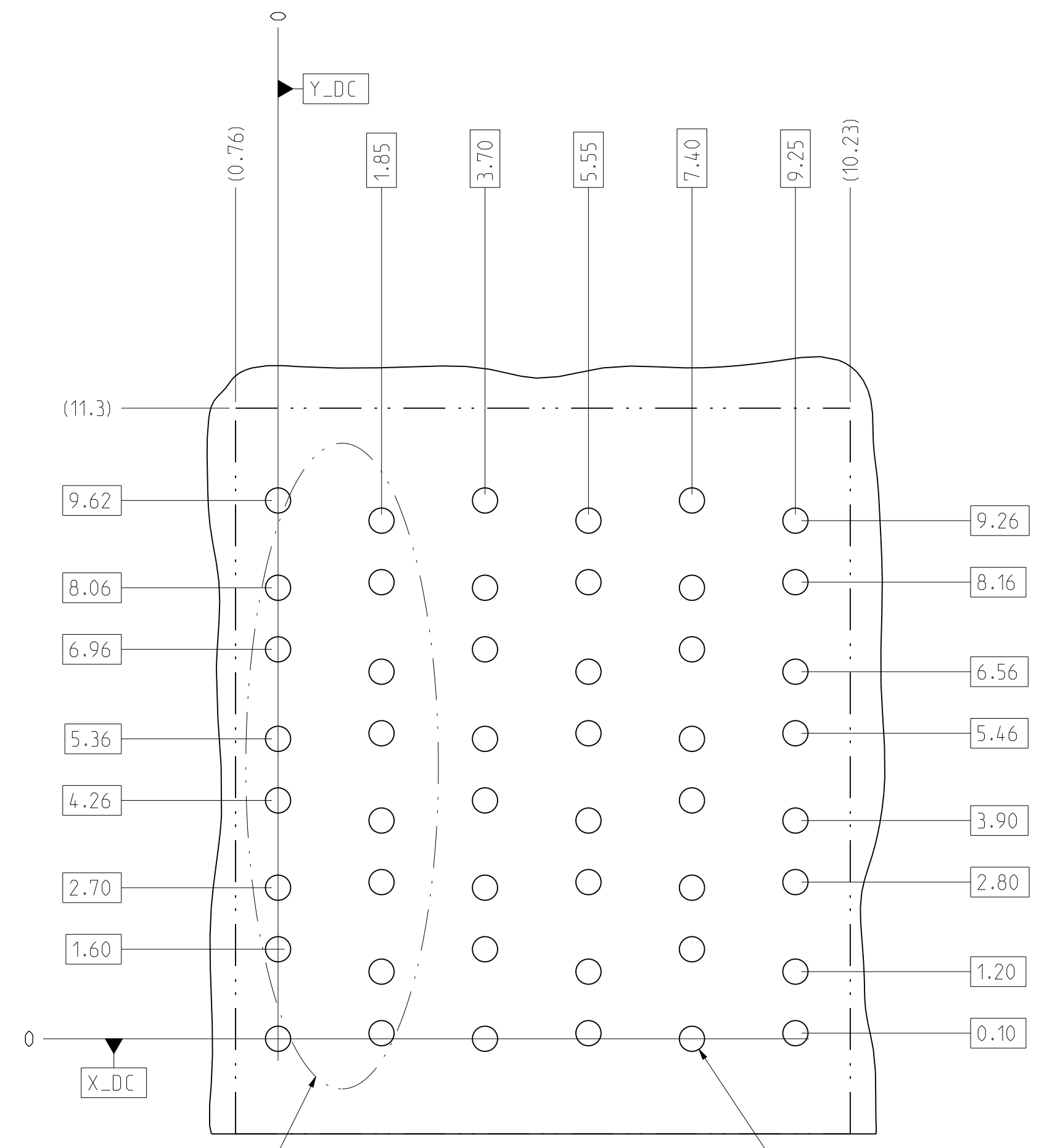
TOLERANCES	DESIGN 06/29/2006	J.GIROUX	Amphenol TCS	
0.0	±0.25	DRAWN 09/01/2006	A Division of Amphenol Corporation	
0.00	±0.13	C.LEIGHTON	200 Innovative Way, Nashua, NH 03062 603.879.3000	
0.000	± -	CHK 07/07/2007	TITLE	
ANGLES	± 3°	D.MANTER	RIGHT ANGLE FEMALE MODULE, 2PAIR, 6POS	
		A.PFAHNL	XCede 2 PAIR 6 POSITION	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM. DECIMAL MARKER IS PERIOD			PART NO.	REV
			SEE TABLE 1	
			DRAWING NO.	REV
			C950-200A-500	8.0
			PROE ASSEM Q1109-CONNECTOR2-6WAF	1.11
			C950-200A-500-DC2-6WAF.drw	1.11
SIZE D	SCALE 5/1	SHEET 1 OF 2		

DRW NO. C950-200A-500 SH 1 REV 8.0

ZONE	REV	SCR NUMBER	DESCRIPTION	BY	DATE	APPROVED
			SEE SHEET 1			



SECTION B-B
WAFER "A"
SCALE 5/1

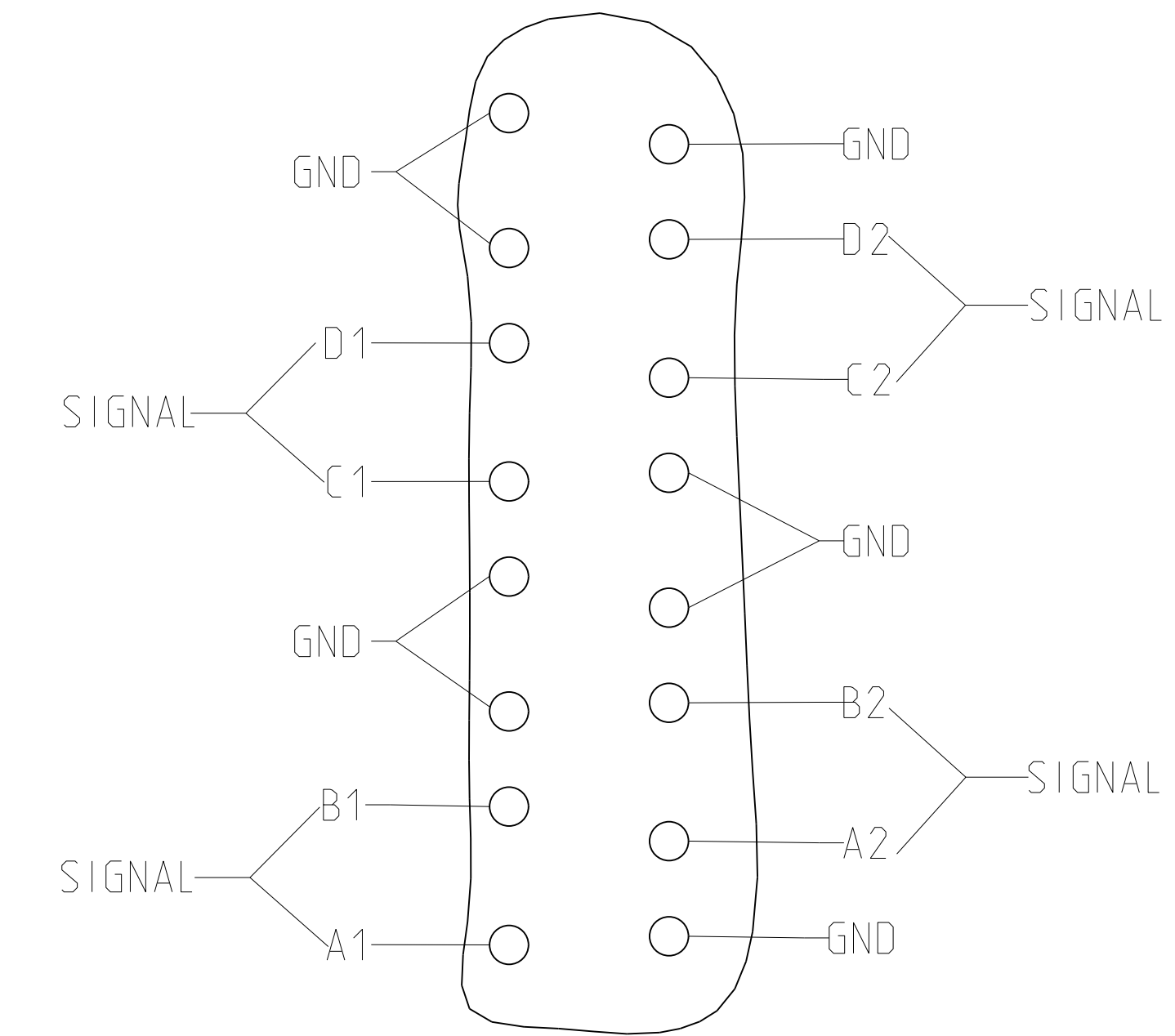


RIGHT ANGLE FEMALE
HIGH SPEED AND LOW SPEED DIFFERENTIAL
HOLE PATTERN FOR BOTH COMPLIANT PIN DRILL
($\varnothing 0.0225"$ AND $\varnothing 0.0177"$)
SCALE 12/1

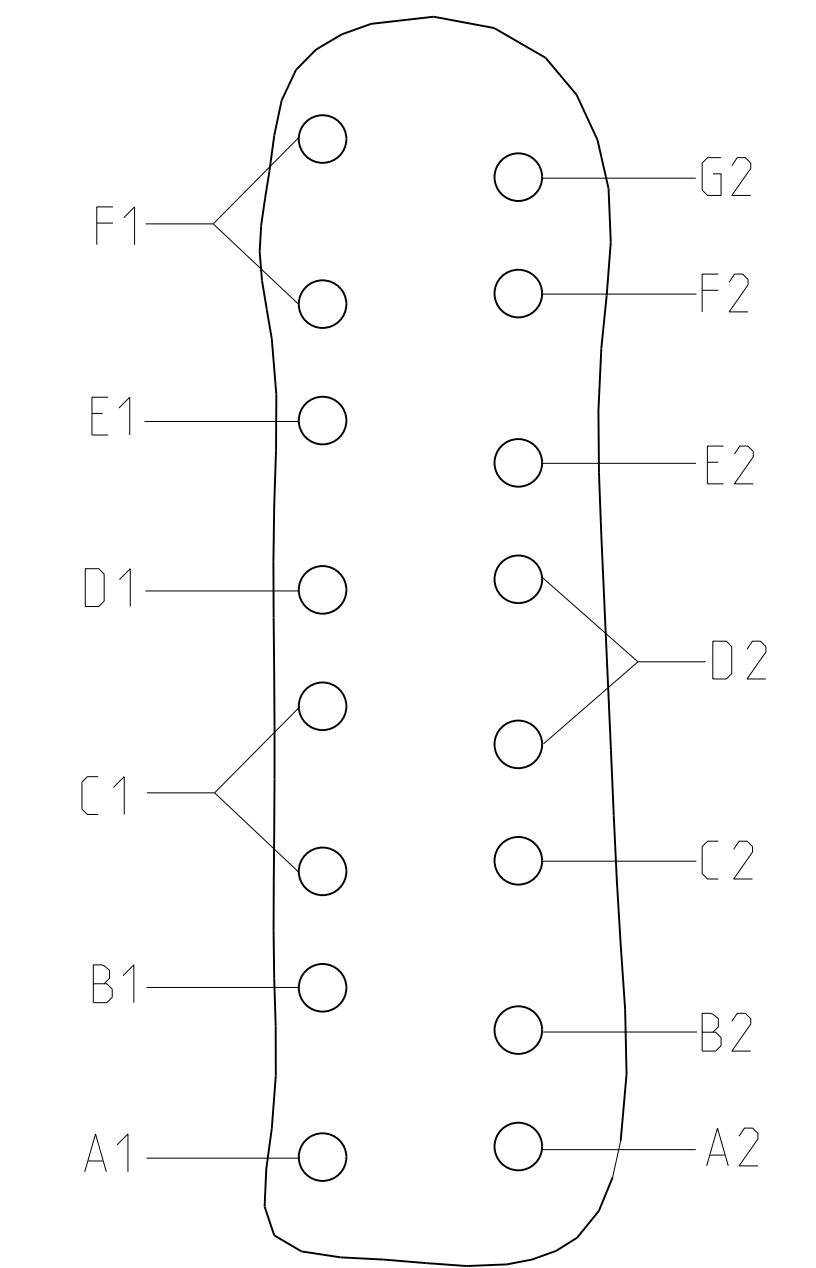
CONNECTOR SIDE

SEE DETAIL C & D FOR PINOUTS

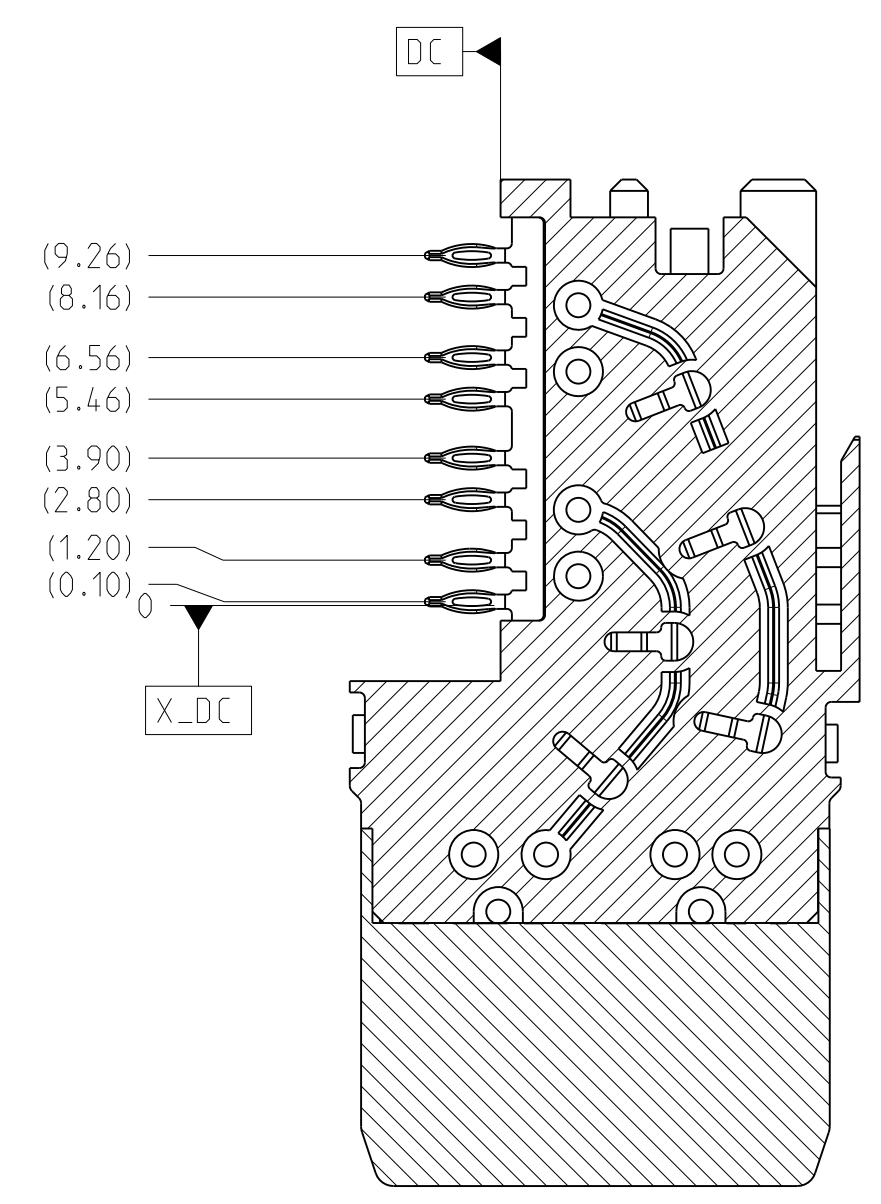
SEE TABLE 2 SHEET 1 TYP
 $\varnothing 0.10$ X_DC Y_DC



DETAIL C
SCALE 14/1
HIGH SPEED DIFFERENTIAL
PINOUTS



DETAIL D
SCALE 14/1
LOW SPEED DIFFERENTIAL
PINOUTS



SECTION A-A
WAFER "B"
SCALE 5/1

TOLERANCES		DESIGN 06/29/2006 J.GIROUX	Amphenol TCS A Division of Amphenol Corporation 200 Innovative Way, Nashua, NH 03062 603.879.3000	TITLE	
0.0	± 0.25	DRAWN 09/01/2006 C.LEIGHTON		RIGHT ANGLE FEMALE MODULE, 2PAIR, 6POS XCede 2 PAIR 6 POSITION	
0.00	± 0.13	CHK 07/07/2007 D.MANTER		PART NO.	SEE TABLE 1
0.000	$\pm -$	APVD 07/07/2007 A.PFAHNL		DRAWING NO.	C950-200A-500
ANGLES $\pm 3^\circ$ UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM.DECIMAL MARKER IS PERIOD			CUSTOMER USE DRAWING	PROE ASSEM Q1109-CONNECTOR2-6WAF C950-200A-500-DC2-6WAF.drw SCALE 5/1 SHEET 2 OF 2	

INTERPRET PER ASME Y14.5M
CODE IDENT 31413

DRW NO. C950-200A-500 SH 2 REV 8.0