

A REV.		SHEET 1 OF 2	RVPX-P16DXX DOCUMENT NO.	
M REVISIONS				
LTR	DESCRIPTION			DATE
A	INITIAL RELEASE			11-FEB-16

TABLE 1
INTERCONNECTIONS WITH BACKPLANE
CONNECTOR RVPX-J16MXX

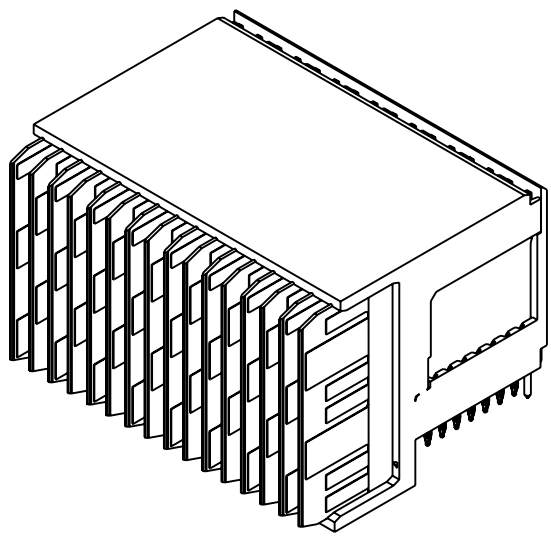
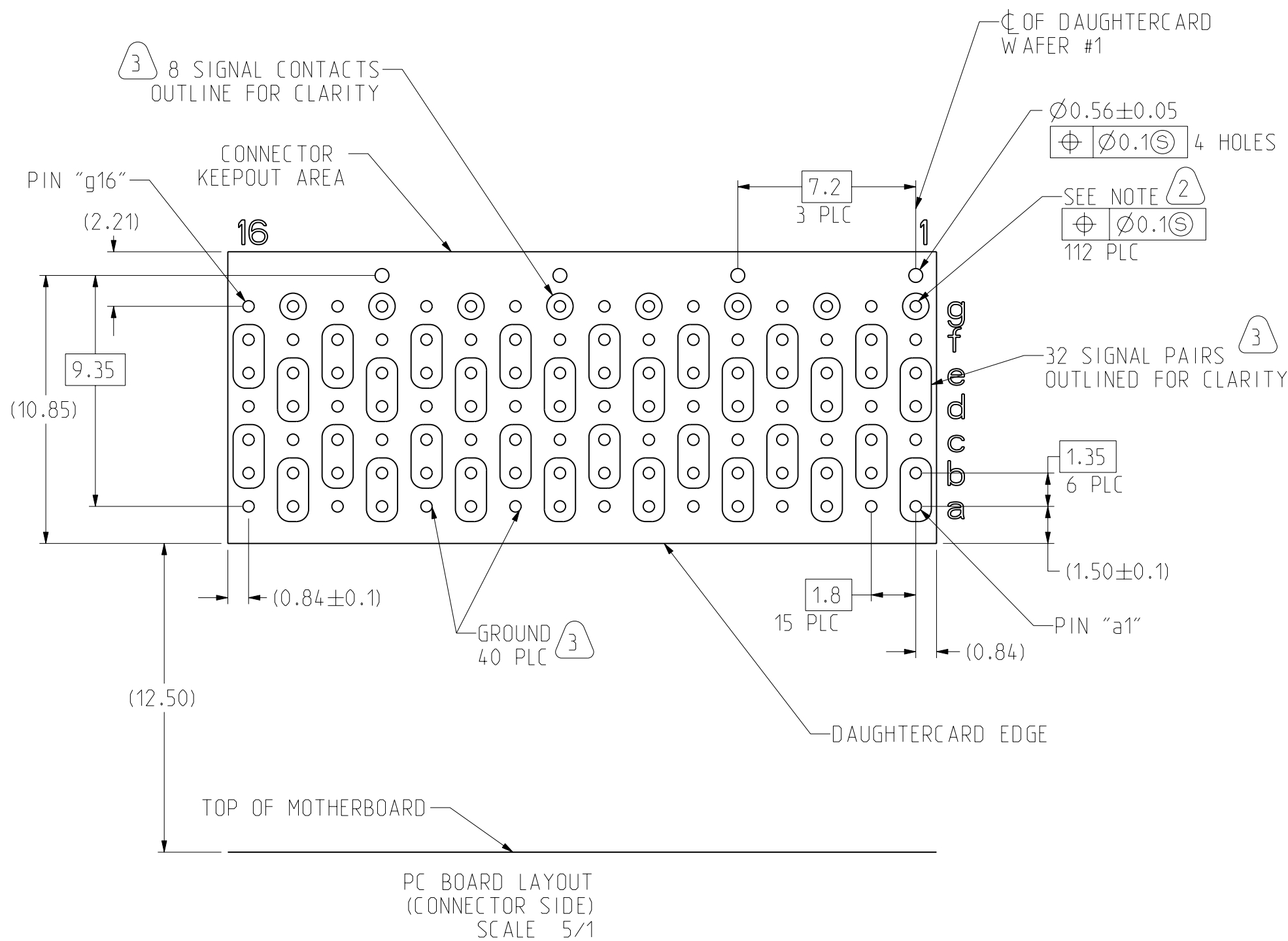
TYPICAL INTERCONNECTIONS FOR COLUMN (WAFER): 2, 4, 6, 8, 10, 12, 14, 16		
CONTACT USAGE	DAUGHTERCARD CONNECTOR PIN	BACKPLANE CONNECTOR PIN
SIGNAL PAIR	bx	cx
	cx	dx
SIGNAL PAIR	ex	gx
	fx	hx
GROUNDS	ax, dx, gx, (ALL COMMONED)	ax, bx, ex, fx, ix

TYPICAL INTERCONNECTIONS FOR COLUMN (WAFER): 1,3, 5, 7, 9, 11, 13, 15		
CONTACT USAGE	DAUGHTERCARD CONNECTOR PIN	BACKPLANE CONNECTOR PIN
SIGNAL PAIR	ax	ax
	bx	bx
SIGNAL PAIR	dx	ex
	ex	fx
SIGNAL	gx	ix
GROUNDS	cx, fx, (ALL COMMONED)	cx, dx, gx, hx

NOTE: "x" DESIGNATES THE COLUMN NUMBER

TABLE 2

PLATING THICKNESS AND MATERIAL BY PART NUMBER			
PART NUMBER	GOLD IN CONTACT AREA	COMPLIANT	NICKEL OVERALL
RVPX-P16DM1	50 μ-INCH MIN	50 μ-INCH MIN TIN	50 μ-INCH MIN
RVPX-P16DM2	50 μ-INCH MIN	50 μ-INCH MIN TIN-LEAD	50 μ-INCH MIN
RVPX-P16DC1	30 μ-INCH MIN	50 μ-INCH MIN TIN	50 μ-INCH MIN
RVPX-P16DC2	30 μ-INCH MIN	50 μ-INCH MIN TIN-LEAD	50 μ-INCH MIN



SCALE 2/1

SEE TABLE 2 FOR PART NUMBER AND FINISHES

3 SEE TABLE 1 FOR INTERCONNECTIONS TO BACKPLANE CONNECTOR

2 PTH CALLOUT
TYPICAL HOLE
Ø0.63-.67 DRILL
Ø0.46 ±.05 FINISH HOLE
Ø0.92 PAD

1 HOUSING: GLASS FILLED LCP, UL94 - VO
CONTACT: CU ALLOY
POST: STAINLESS STEEL, PASSIVATED

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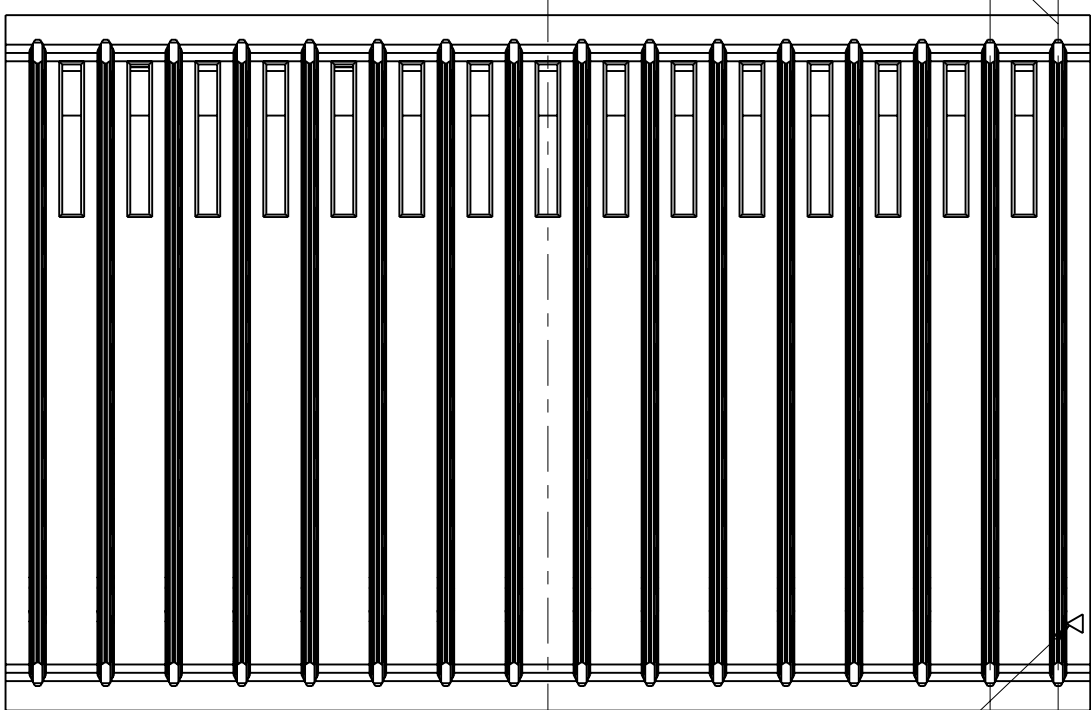
		PRO/ENGINEER INFORMATION	
N/A		Pro/e Model Used: P1233-426-0008-001_ATCS.PRT	
NEXT ASSEMBLY		Drawing Name: RVPX-P16DX	

UNLESS OTHERWISE SPECIFIED		SPECIFICATIONS		POS	QTY	PART NUMBER	DESCRIPTION	NOTE
LINEAR DIMENSIONS ARE IN MILLIMETERS		MATERIAL SPEC.		PARTS LIST				
TOLERANCES:		N/A		APPROVALS		DATE		
.XXXX = $\pm .$ ANGLES = $\pm 1^\circ$				PREPARED BY		AMPHENOL CORPORATION 40-60 DELAWARE AVENUE SIDNEY, N.Y. 13838		
.XXX = $\pm .$				ENGINEER IN CHARGE				
.XX = $\pm .13$				S. LANCELIER				
.X = $\pm .5$				DESIGN MANAGER				
-----				DESIGN ACTIVITY GROUP		RIGHT-ANGLE PLUG ASSEMBLY CENTER, RVPX DAUGHTERCARD CONNECTOR, DIFFERENTIAL		
DIM. & TOL. PER ASME Y14.5M;		PROCESS SPEC.		BOARD LEVEL				
DRM PER MIL-DTL-31000;		9-3895		THIRD ANGLE PROJECTION		SIZE C		
OTHER Amphenol Stds. PER 9-3800		9-3856-5						
LEGENDS:						CAGE CODE		DOCUMENT NO.
= FLAG NOTE CALL OUT						77820		RVPX-P16DXX
REFERENCE ONLY								REV.
								A
						SCALE: 5.0		SHEET 1 OF 2
						REF. NONE		

NOTES: SEE SHEET 1

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CL OF DAUGHTERCARD
WAFER #1



POSITION a1

1.80 REF
15 PLC

13.50 REF

SEE NOTE
PAD CONTACT AREA: TYP

DAUGHTERCARD EDGE

HOUSING

18.40±0.1

11.81±0.19

10.00±.1

10.50±.1

1.50 REF
1.35 REF
6 PLC

10.85 REF

5.50 REF

1.94 TYP

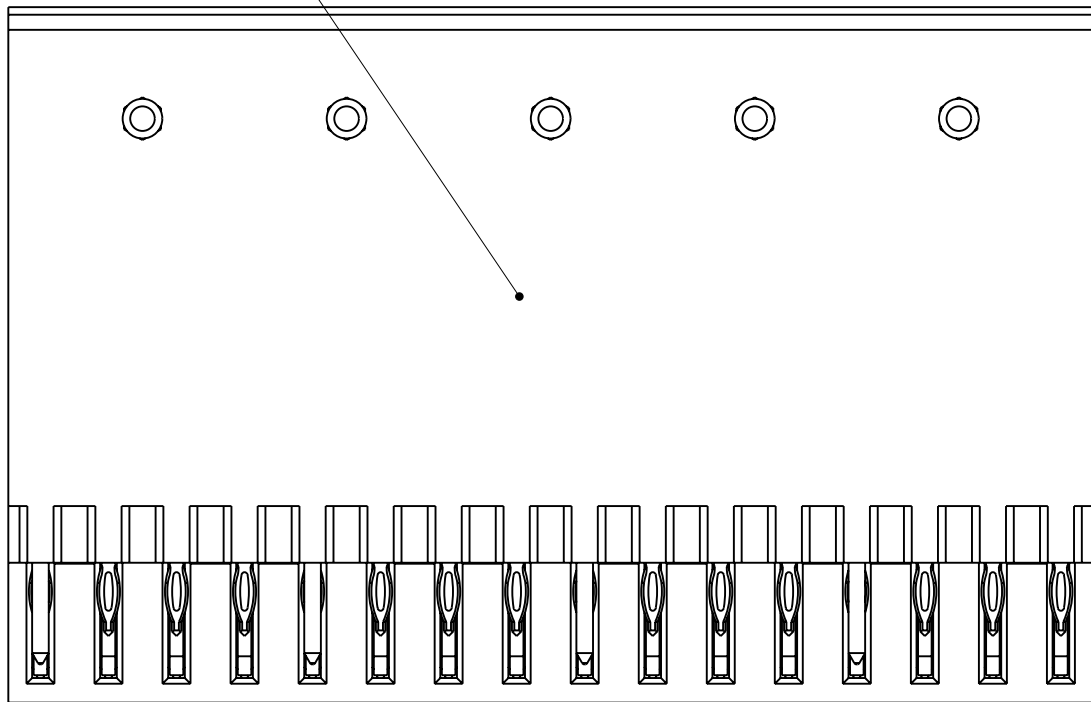
2.69±0.1
4 PLC

3.70

SEE NOTE
POST

SEE NOTE
P.C.B. CONTACT

PART MARKING AS FOLLOWS
AMPHENOL 77820
'DATE CODE'
'AAO PART NUMBER'
'WORK ORDER NUMBER AS LOT NUMBER'



28.68±.1

X

7.20 REF

13.50 REF

CL OF X