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REV. A	SHEET 1 OF 2	DOCUMENT NO. RVPX-PE216DXX
REVISIONS M		
LTR	DESCRIPTION	DATE
A	PRELIMINARY	5-OCT-18

PC BOARD LAYOUT
(CONNECTOR SIDE)
SCALE 5/1

TABLE 1
INTERCONNECTIONS WITH BACKPLANE
CONNECTOR RVPX-JE216MXX

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
SIGNAL PAIR	cx	dx
SIGNAL PAIR	ex	gx
SIGNAL PAIR	fx	hx
GROUND	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
SIGNAL PAIR	bx	bx
SIGNAL PAIR	dx	ex
SIGNAL PAIR	ex	fx
SIGNAL PAIR	gx	ix
GROUND	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-PE216DM1	50 μ-INCH MIN	50 μ-INCH MIN TIN	50 μ-INCH MIN
RVPX-PE216DM2	50 μ-INCH MIN	50 μ-INCH MIN TIN-LEAD	50 μ-INCH MIN
RVPX-PE216DC1	30 μ-INCH MIN	50 μ-INCH MIN TIN	50 μ-INCH MIN
RVPX-PE216DC2	30 μ-INCH MIN	50 μ-INCH MIN TIN-LEAD	50 μ-INCH MIN

4 SEE TABLE 2 FOR PART NUMBER AND FINISHES

3 SEE TABLE 1 FOR INTERCONNECTIONS TO BACKPLANE CONNECTOR

2 PTH CALLOUT
TYPICAL HOLE
Ø0.38-.43 DRILL
Ø0.31 ±.05 FINISH HOLE
Ø0.66 PAD

1 HOUSING: GLASS FILLED LCP, UL94 - V0
CONTACT: Cu ALLOY
POST: STAINLESS STEEL, PASSIVATED

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N/A

NEXT ASSEMBLY

PRO/ENGINEER INFORMATION

Pro/e Model Used:
P1233-426-0008-001.ATCS.PART
Drawing Name:
RVPX-PE216DXX

UNLESS OTHERWISE SPECIFIED	SPECIFICATIONS	POS	QTY	PART NUMBER	DESCRIPTION	NOTE
LINEAR DIMENSIONS ARE IN MILLIMETERS TOLERANCES: .XXXX = ±. - ANGLES= ±1° .XXX = ±. - .XX = ±.13 .X = ±.5	MATERIAL SPEC. N/A				AMPHENOL CORPORATION 40-60 DELAWARE AVENUE SIDNEY, N.Y. 13858 RIGHT-ANGLE PLUG ASSEMBLY CENTER, RVPX EVO 2 DAUGHTERCARD CONNECTOR, DIFFERENTIAL	
DIM. & TOL. PER ASME Y14.5M; DRM PER MIL-DTL-31000; OTHER Amphenol Stds. PER 9-3800	PROCESS SPEC. 9-3895 9-3856-5	APPROVALS	DATE			
LEGENDS: =FLAG NOTE CALL OUT REFERENCE ONLY		PREPARED BY S. LANGELIER				
		ENGINEER IN CHARGE S. LANGELIER	17-DEC-19			
		DESIGN MANAGER G. PECK				
		DESIGN ACTIVITY GROUP BOARD LEVEL				
		THIRD ANGLE PROJECTION				
				SIZE C	CAGE CODE 77820	DOCUMENT NO. RVPX-PE216DXX
				SCALE: 5.0	REF. NONE	SHEET 1 OF 2

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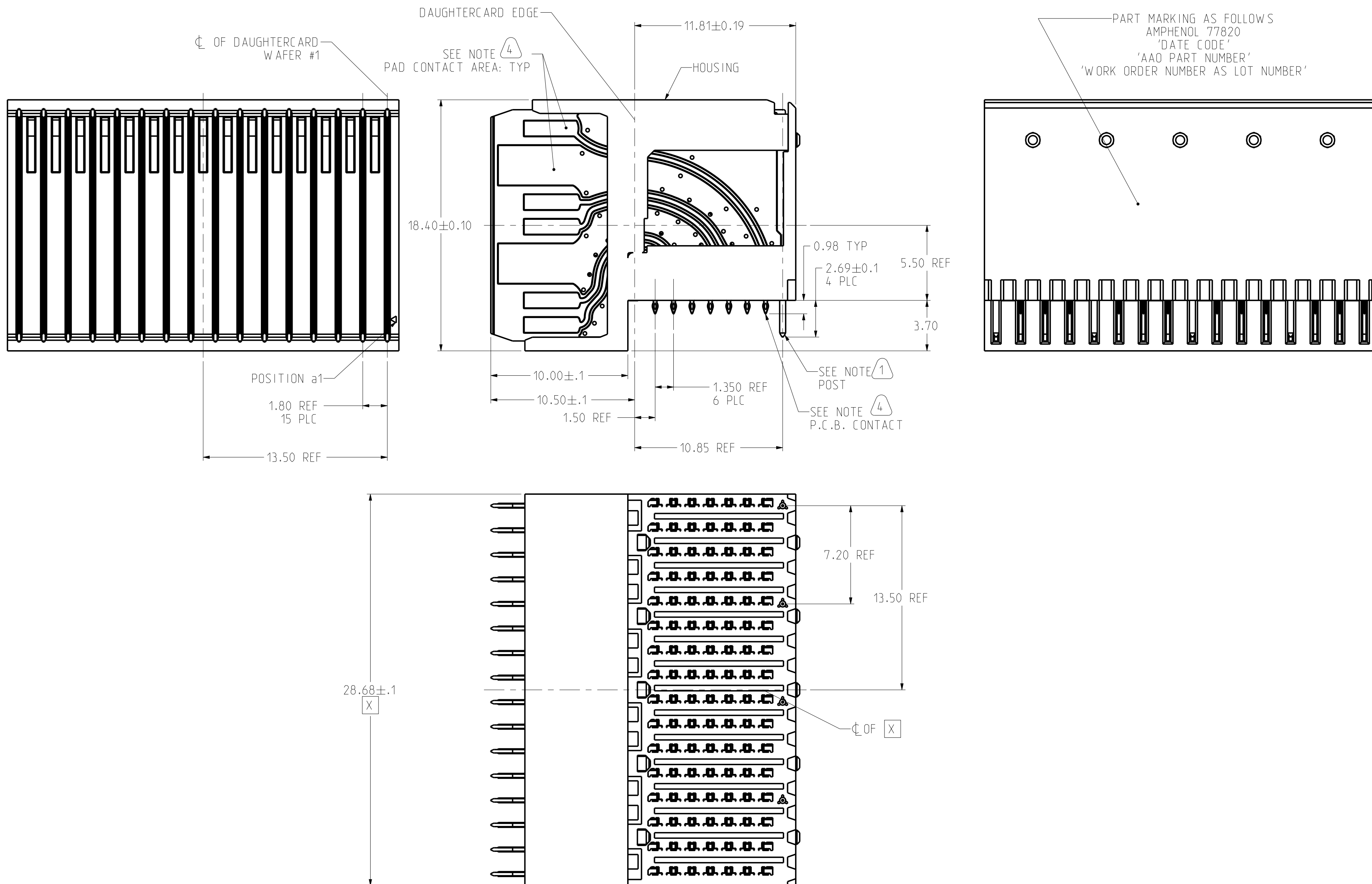
Eng. PDM Information
For Reference Only

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NOTES: SEE SHEET 1

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