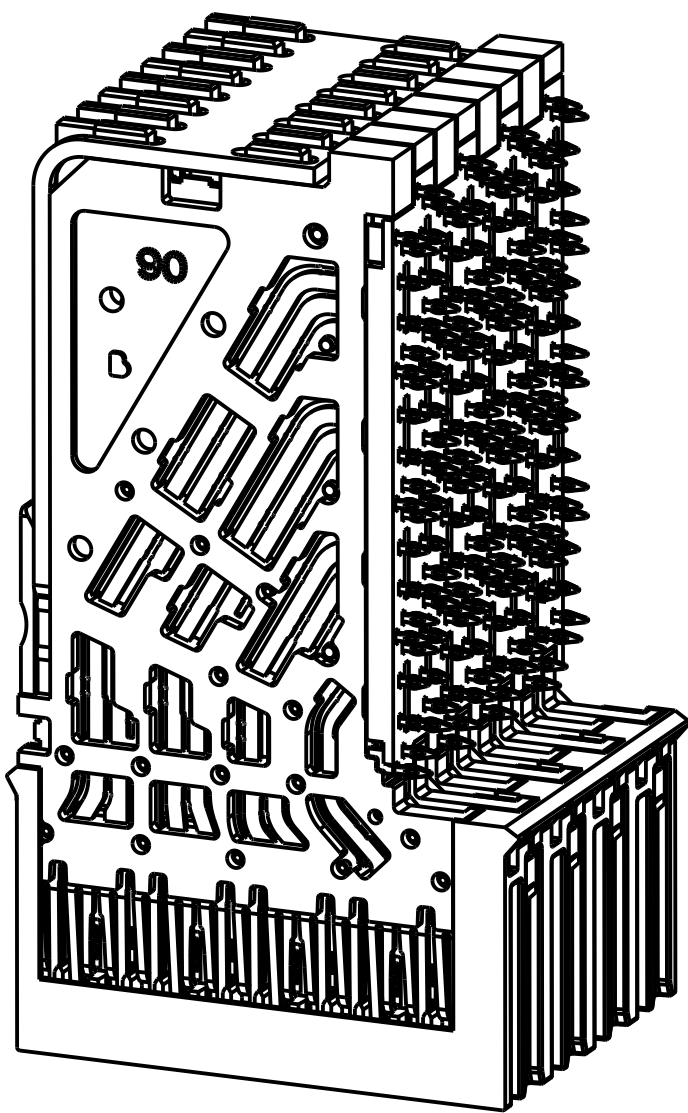
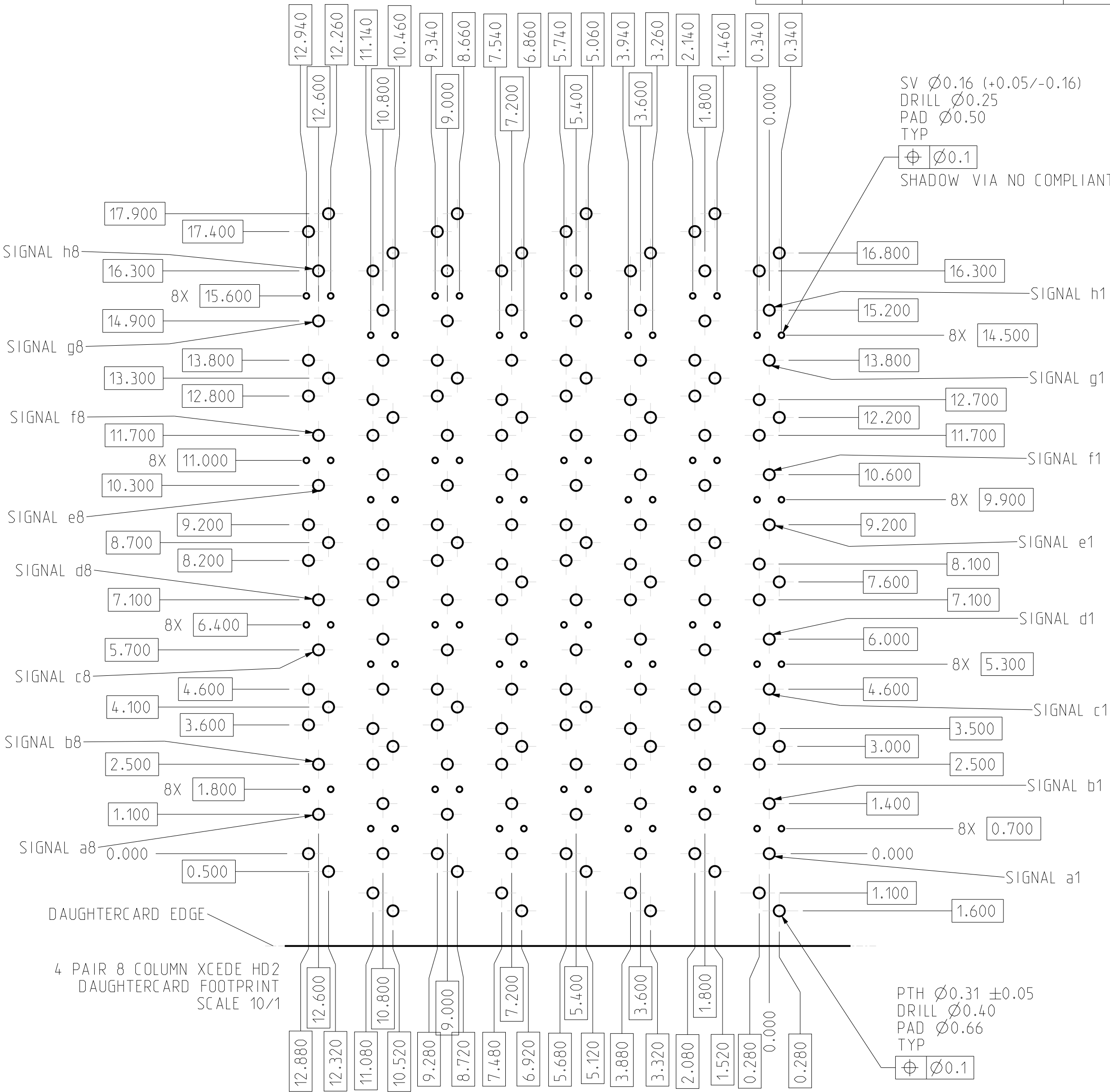


TABLE 1: PLATING THICKNESS AND MATERIAL BY PART NUMBER				
PART NUMBER	GOLD IN CONTACT AREA	COMPLIANT	NICKEL OVERALL	NICKEL IN CONTACT AREA
MHD24P800M1	50 μ-INCH MIN	5 μ-INCH MIN GOLD	50 μ-INCH MIN	80 μ-INCH MIN

REVISIONS		
LTR	DESCRIPTION	DATE
A	INITIAL RELEASE	7/13/2022



ISOMETRIC VIEW
COMPLIANT GUIDE FULLY SEATED
SCALE 4/1



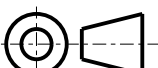
- 7 SURFACE GROUND PLANE EQUAL TO COMPONENT OUTLINE REQUIRED. SURFACE GROUND PLANE TO BE FREE FROM SOLDER MASK.
- 6 SHADOW VIAS DO NOT RECEIVE COMPLIANT PINS. THEY ARE ADDED FOR IMPROVED SIGNAL INTEGRITY PERFORMANCE AND CAN CHANGE IN SIZE AND LOCATION BASED UPON THE SPECIFIC DESIGN DETAILS.
- 5 NOMINAL DIMENSIONS ARE FOR FULLY SEATED CONNECTORS
- 4 FOR WAFER PITCH USE 1.80mm NOMINAL FOR DAUGHTERCARD LAYOUT.
- 3 SEE TABLE 1 FOR PART NUMBER AND FINISHES
- 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
STIFFENER: STAINLESS STEEL, PASSIVATED

NOTES:

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RELEASED / Oct. 11 2022, 8:48:07 AM

NEXT ASSEMBLY		PRO/ENGINEER INFORMATION	
		Pro/e Model Used: MHD24P800XX.PART	
NEXT ASSEMBLY		Drawing Name: MHD24P800XX	
METRIC DOCUMENT		ENG PDM INFORMATION (REFERENCE ONLY)	
		REVISION 4 VERSION 2	

UNLESS OTHERWISE SPECIFIED		SPECIFICATIONS	POS	QTY	PART NUMBER	DESCRIPTION	NOTE	
LINEAR DIMENSIONS ARE IN: MILLIMETERS TOLERANCES: ANGLES= ±2° NO DEFAULT LINEAR TOLERANCES ----- DIM. & TOL. PER ASME Y14.5M-1994; DRM PER MIL-DTL-31000; OTHER AMPHENOL STANDARDS: 9-3800 LEGENDS:  =FLAG NOTE CALL OUT REFERENCE ONLY		MATERIAL SPEC.	PARTS LIST					
		NONE	APPROVALS		DATE	AMPHENOL CORPORATION 40-60 DELAWARE AVENUE SIDNEY, N.Y. 13638		
			PREPARED BY: S. LANGE LIER		13-Jul-22			
			ENGINEER IN CHARGE: S. LANGE LIER					
			DESIGN MANAGER: G. PECK					
PROCESS SPEC.	DESIGN ACTIVITIES GROUP BOARD LEVEL		DAUGHTERCARD 4 PAIR 8 COLUMN MHD2					
NONE	THIRD ANGLE PROJECTION							
			SIZE A2	CAGE CODE 77820	DOCUMENT NO. MHD24P800XX	REV. A		
			SCALE: 4/1	REF. RVPX-P08VXX	SHEET 1 OF 2			

