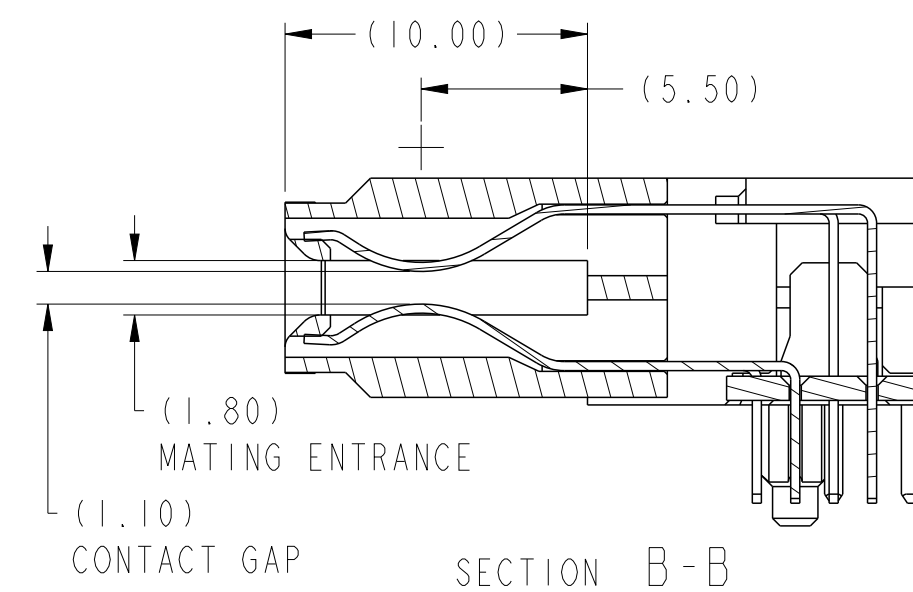
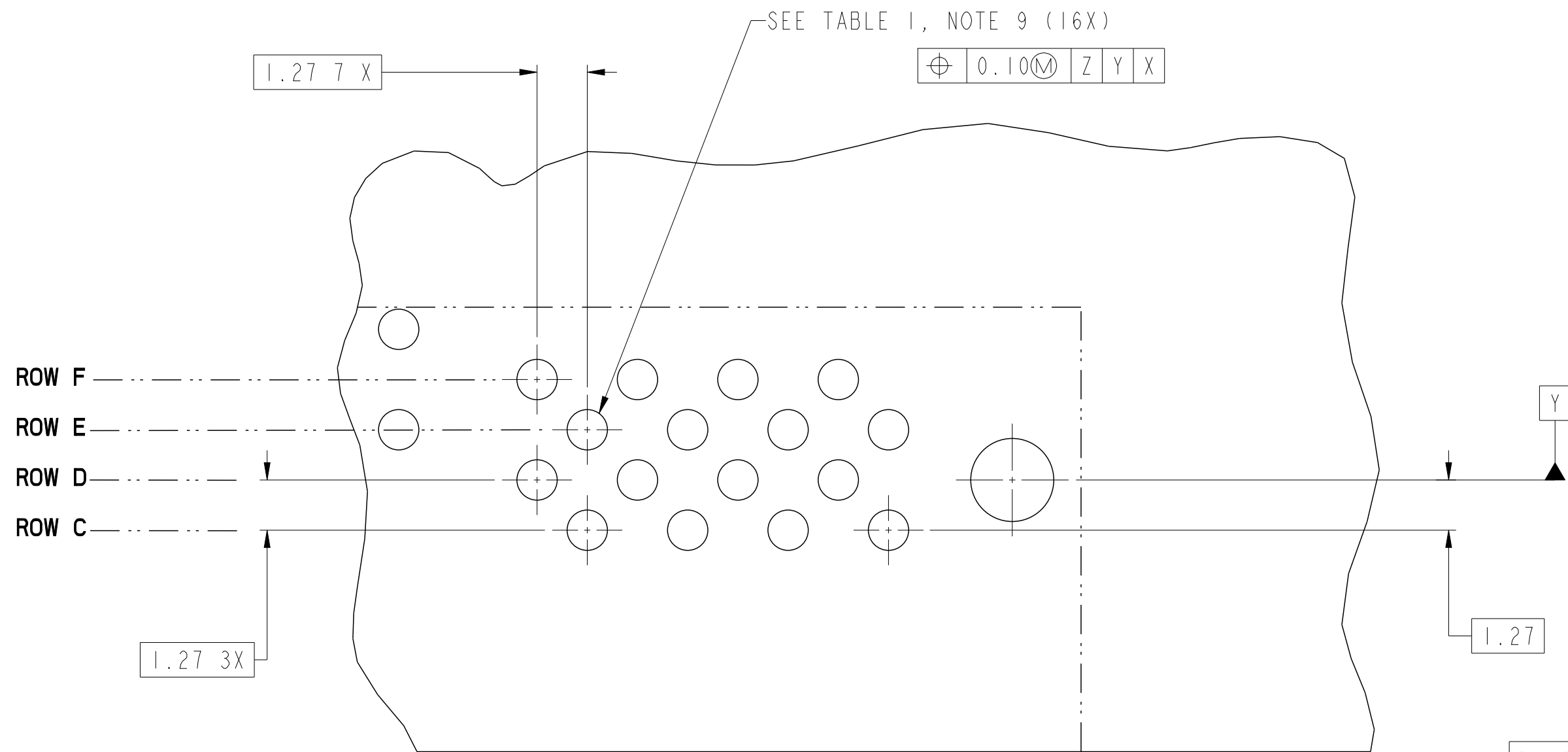
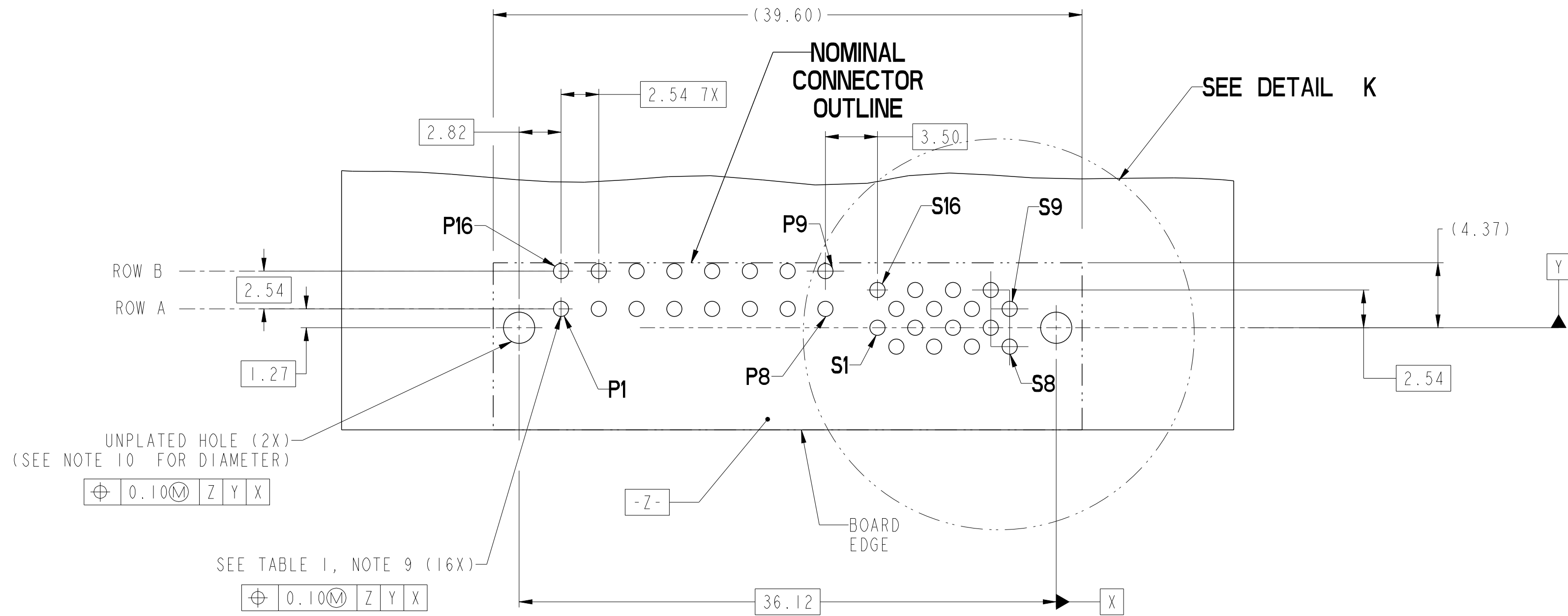




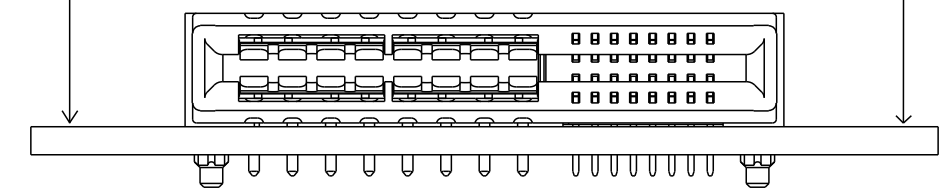
SECTION B-B

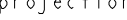
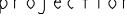
5	PDS: Rev :B	STATUS:Released	Printed: Mar 05, 2025
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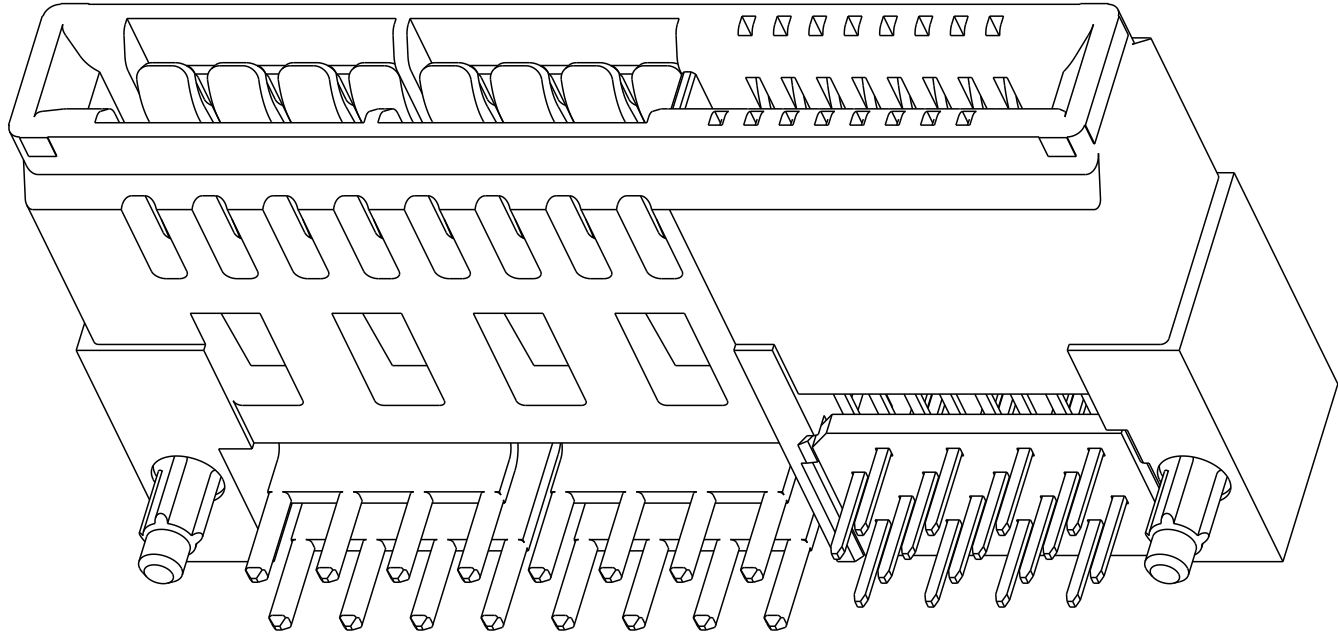
DETAIL K
SCALE 8:1

RECOMMENDED PCB LAYOUT
VIEWED FROM CONNECTOR SIDE



spec ref		-		dr		Wei-Long Zhang		2012/03/12		projection						MM		size		A2		scale		4:1	
tolerance std		-		eng		Sunny2 Liu		2016/05/17						ecn no		ELX-DG-24036-1		rel level		Released					
-		chr		Terris Liu		2016/05/20																			
-		appr		Pei-Ming Zheng		2016/05/24																			
surface		✓		linear		0.X		±0.30		Amphenol FCi		title		RIGHT ANGLE 16PI6S		dwg no		10119843		rev		B			
				0.XX		±0.10																			
				0.XXX		±0.05																			
				angular		0°		±2°		cat. no.		-		Product - Customer Drw		sheet 2 of 4									

HPCE PART NUMBER (TABLE 2)				
10117877	TAIL TYPE	HOLD-DOWN OPTION	ORIENTATION KEY	DIM "A" TYPICAL TAIL LENGTH
10119843-001LF	SOLDER TAIL	NO	YES	3.25±0.25
10119843-002LF			NO	
10119843-003LF		YES	YES	
10119843-004LF			NO	
10119843-005LF		NO	YES	4.05±0.25
10119843-006LF			NO	
10119843-007LF		YES	YES	
10119843-008LF			NO	
10119843-009LF		NO	YES	4.85±0.25
10119843-010LF			NO	
10119843-011LF		YES	YES	
10119843-012LF			NO	



NOTES:

1. CONNECTOR MATERIALS:

HOUSING: HIGH TEMPERATURE THERMAL PLASTIC, BLACK
UL 94V-0 COMPLIANT

CONTACTS: HIGH PERFORMANCE COPPER ALLOY.
2. CONTACT FINISH REF. GS-12-604 SECTION 5.2.
3. PRODUCT SPECIFICATION: GS-12-604.
4. APPLICATION SPECIFICATION: GS-20-128).
- B

5.

PRODUCT MARKING ON HOUSING IN AREA SHOWN MEETS AFCI SPECIFICATION: GS-24-007.
6. PACKAGING MEETS FCI SPECIFICATION GS-14-937.
7.

HOUSING COMPONENT WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 60 SECONDS IN A CONVECTION, INFRA-RED, OR VAPOR PHASE REFLOW OVEN.
8.

COPPER PLATING THICKNESS IN CENTER OF VIA-HOLE CAN BE NO MORE THAN 0.003 LESS THAN OTHER AREAS.
9.

ALL HOLE SIZES ARE FINISHED HOLE SIZES.
10.

MOUNTING HOLES ARE UNPLATED
Ø 2.25 +/- 0.05 FOR SOLDER TAILS
11. A SYMBOL

B

 WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

spec ref -				dr Wei-Long Zhang		2012/03/12		projection		MM		size A2		scale 4:1	
tolerance std -				eng Sunny2 Liu		2016/05/17						ecn no ELX-DG-24036-1		rel level Released	
-				chr Terris Liu		2016/05/20									
-				appr Pei-Ming Zheng		2016/05/24									
								product family -							
surface - 				linear		0.X ±0.30 0.XX ±0.10 0.XXX ±0.05		Amphenol FCI		title RIGHT ANGLE 16P16S HIGH POWER CARD EDGE		dwg no 10119843		rev B	
-				angular 0° ±2°		cat. no. -		Product - Customer Drw				sheet 4 of 4			