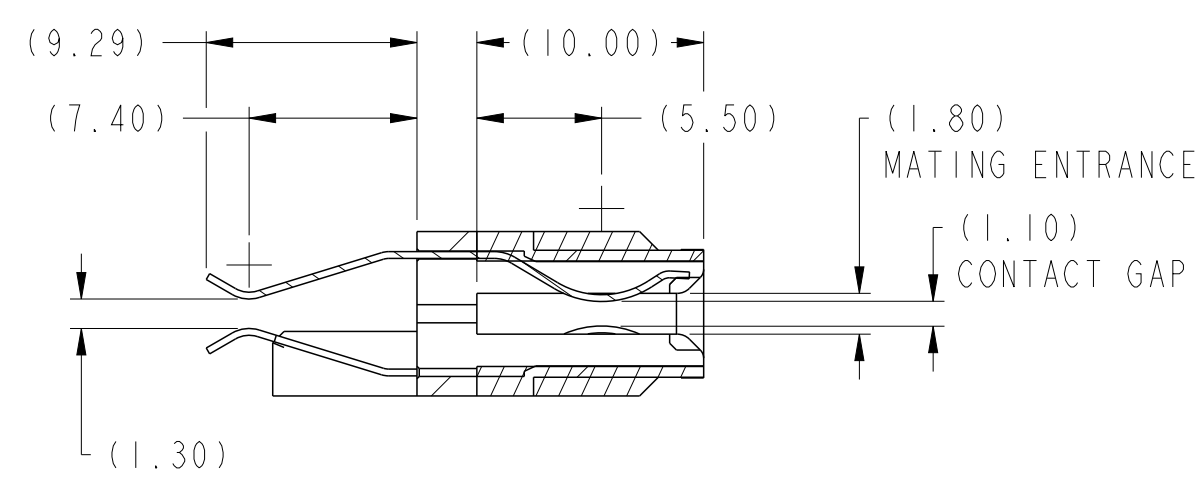
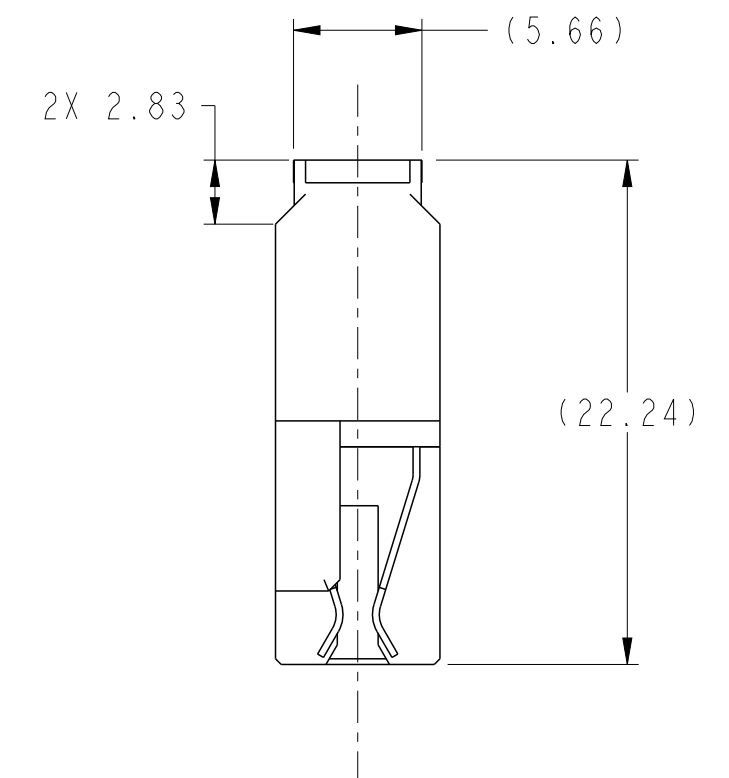
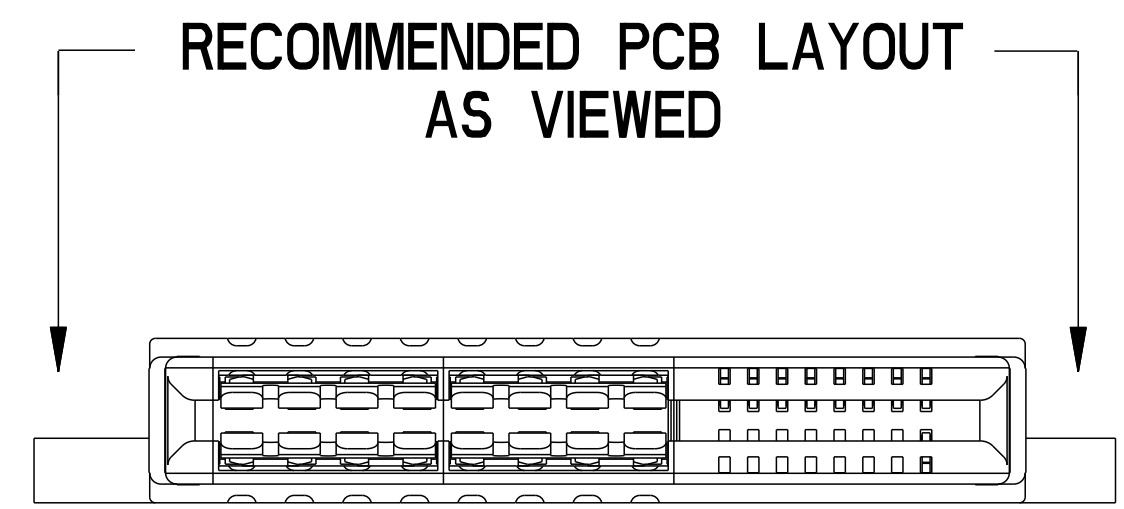
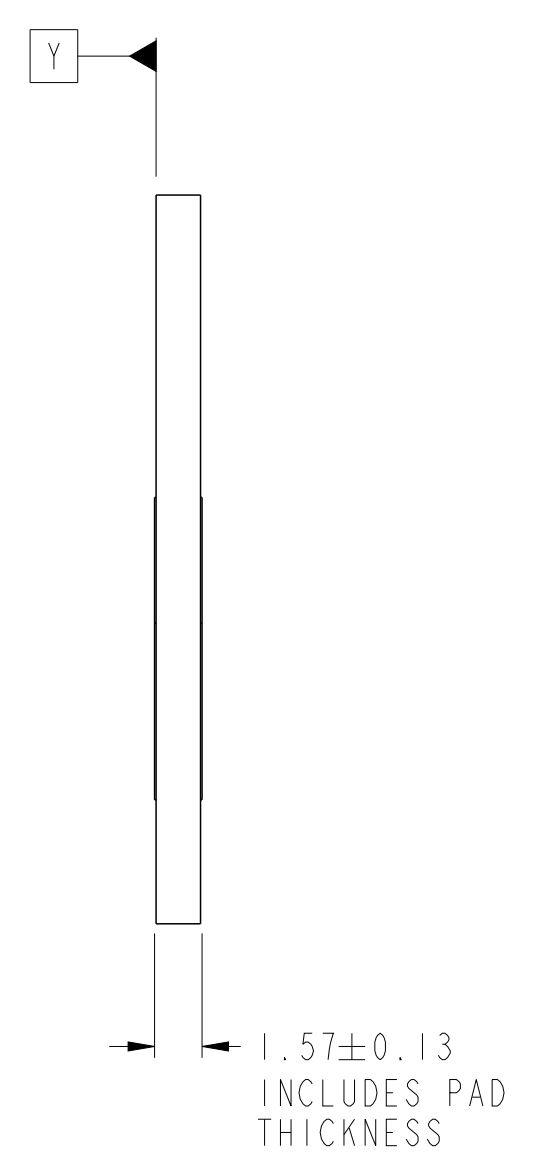
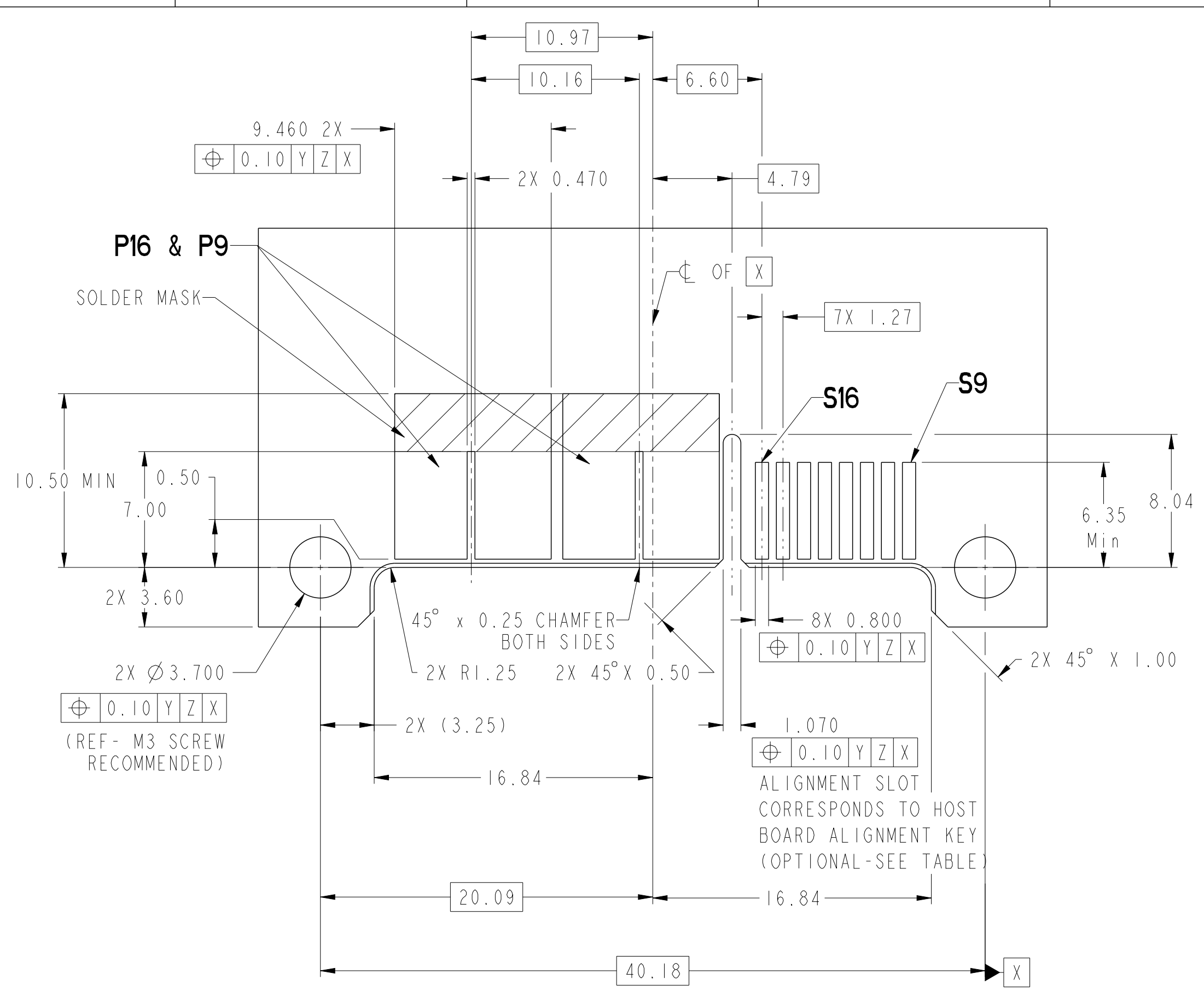


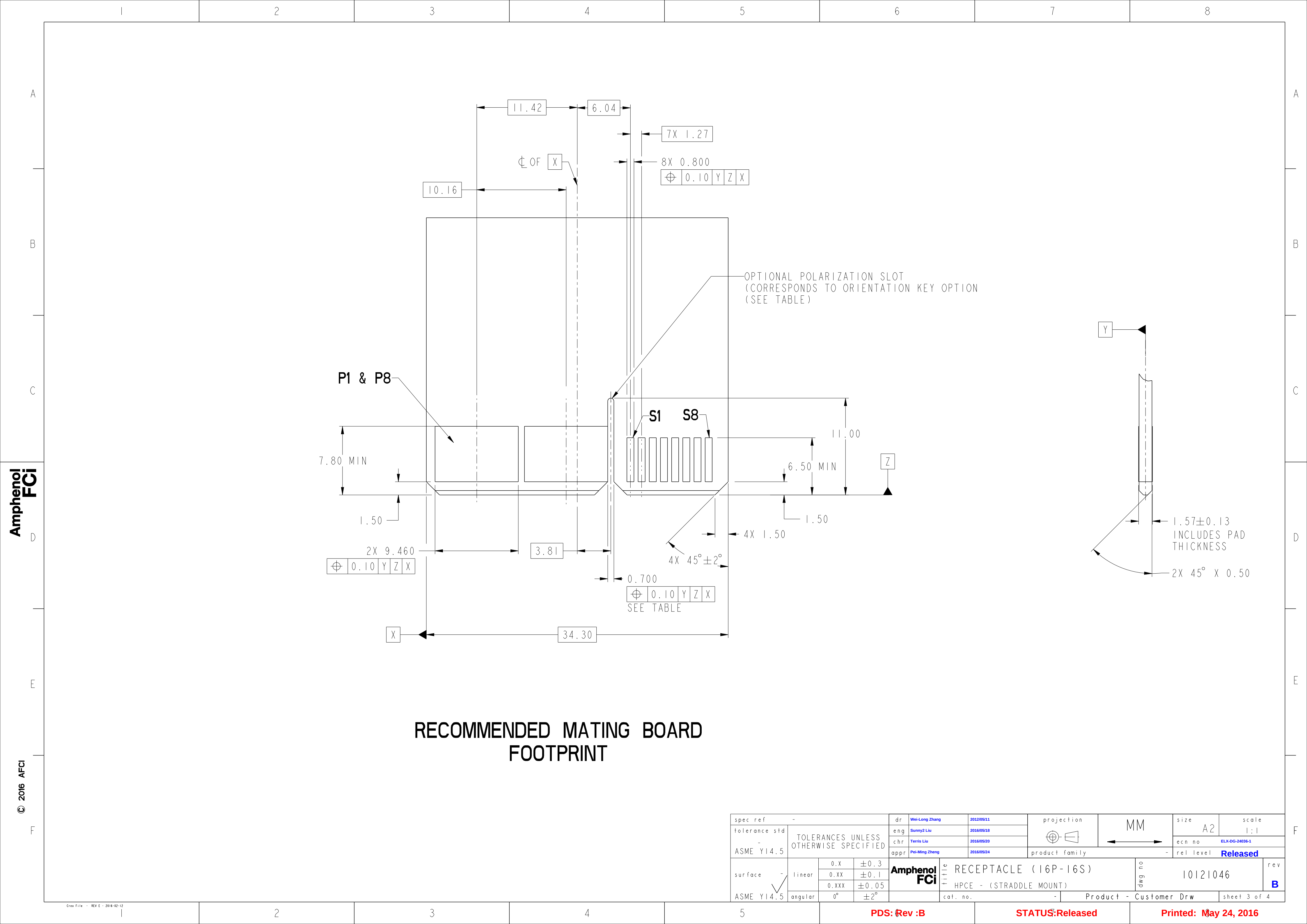


SECTION C-C

spec ref		-		dr		Wei-Long Zhang		2012/05/11		projection		size		scale			
tolerance std		-		eng		Sunny2 Liu		2016/05/18				A2		3:1			
ASME Y14.5		TOLERANCES UNLESS OTHERWISE SPECIFIED		chr		Terris Liu		2016/05/20				ecn no		ELX-DG-24036-1			
				appr		Pei-Ming Zheng		2016/05/24		product family		CARD EDGE		rel level			
														Released			
surface		linear		0.X		±0.3		Amphenol FCI		RECEPTACLE (16P-16S) HPCE - (STRADDLE MOUNT)		dwg no		10121046		rev	
				0.XX		±0.1											
				0.XXX		±0.05											
ASME Y14.5		angular				±2°				cat. no.		-		Product-Customer Drw		sheet 1 of 4	



spec ref			-		dr		Wei-Long Zhang		2012/05/11		projection		MM		size		A2		scale		3:1	
tolerance std			-		eng		Sunny2 Liu		2016/05/18						ecn no		ELX-DG-24036-1					
ASME Y14.5			TOLERANCES UNLESS OTHERWISE SPECIFIED		chr		Terris Liu		2016/05/20						rel level		Released					
					appr		Pei-Ming Zheng		2016/05/24						product family		CARD EDGE					
surface			-		Amphenol FCI		title		RECEPTACLE (16P-16S) HPCE - (STRADDLE MOUNT)		dwg no				10121046		rev		B			
ASME Y14.5			linear																		0.X	
													0.XX								±0.1	
							0.XXX		±0.05													
ASME Y14.5			angular		0°		±2°				cat. no.		-		Product - Customer Drw				sheet 2 of 4			



RECOMMENDED MATING BOARD
FOOTPRINT

spec ref -				dr Wei-Long Zhang		2012/05/11		projection		MM		size A2		scale 1:1			
tolerance std -				eng Sunny2 Liu		2016/05/18						ecn no ELX-DG-24036-1		rel level Released			
ASME Y14.5				TOLERANCES UNLESS OTHERWISE SPECIFIED		chr Terris Liu										2016/05/20	
				appr Pei-Ming Zheng		2016/05/24											
								product family		-							
surface -				linear		0.X ±0.3		Amphenol FCI		title RECEPTACLE (16P-16S) HPCE - (STRADDLE MOUNT)		dwg no 10121046		rev B			
				0.XX ±0.1													
				0.XXX ±0.05													
ASME Y14.5				angular 0° ±2°		cat. no. -		Product - Customer Drw		sheet 3 of 4							

PDS: Rev :B

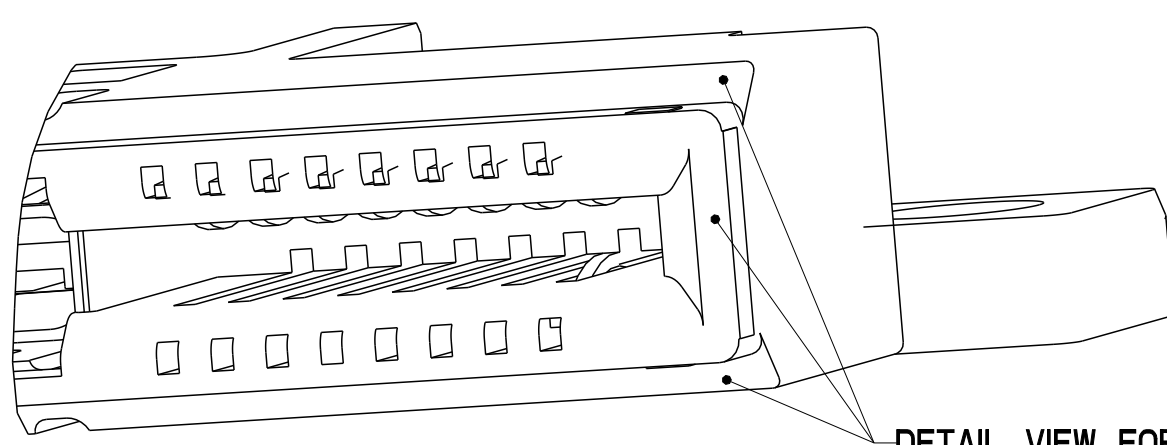
STATUS:Released

Printed: May 24, 2016

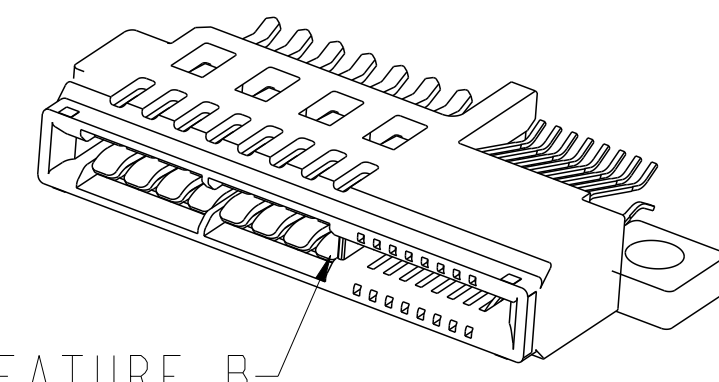
Amphenol
FCI

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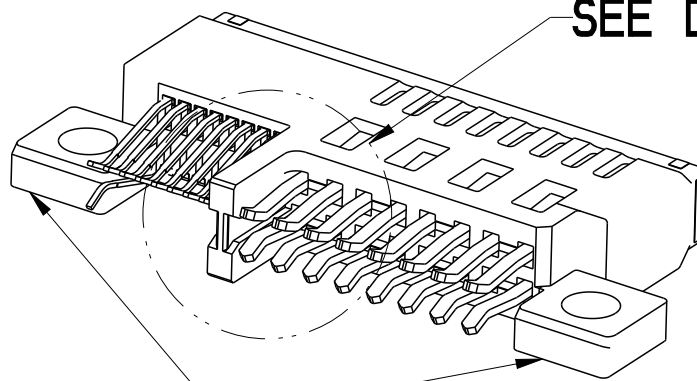
PART NUMBER	FEATURE C HOST BOARD ALIGNMENT KEY (SEE NOTE 8)	FEATURE A MOUNTING EARS	FEATURE B FRONT POLARIZATION KEY
10121046-001LF	YES	YES	NO
10121046-002LF		YES	YES
10121046-003LF		NO	NO
10121046-004LF		NO	YES
10121046-005LF	NO	YES	NO
10121046-006LF		YES	YES
10121046-007LF		NO	NO
10121046-008LF		NO	YES



DETAIL VIEW FOR
AROUND ENHANCED WALL

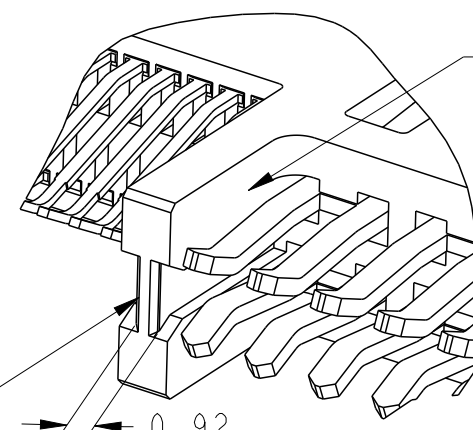


FEATURE B



SEE DETAIL A

FEATURE A

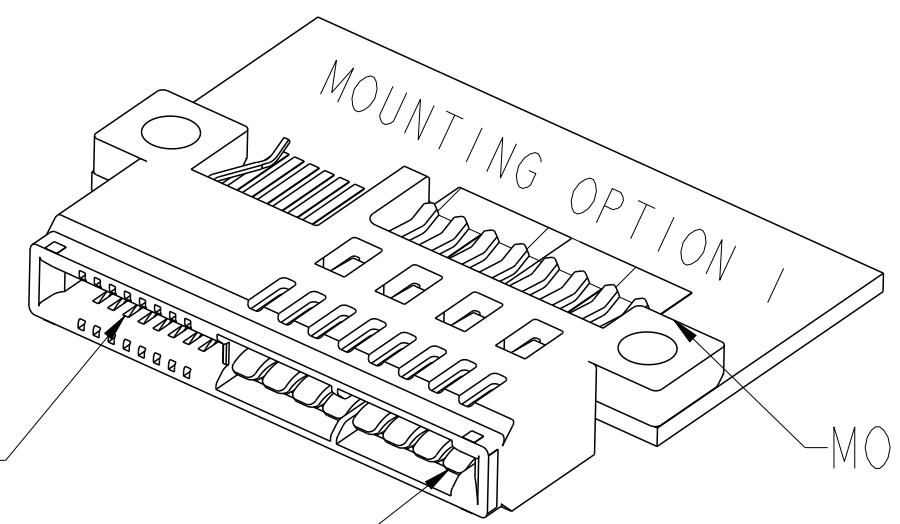


REAR GUIDE

FEATURE C

0.92
ALIGNMENT KEY

DETAIL A
SCALE 4:1



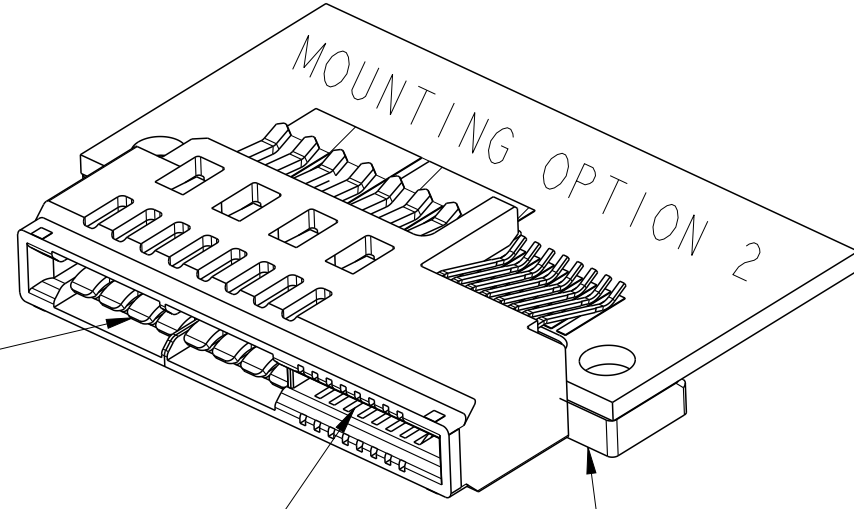
16 SIGNAL PINS

16 POWER PINS

MOUNTING EARS ARE UP

NOTES:

- CONNECTOR MATERIALS:
HOUSING: HIGH TEMPERATURE THERMAL PLASTIC, BLACK
UL 94V-0 COMPLIANT
CONTACTS: HIGH PERFORMANCE COPPER ALLOY.
- CONTACT FINISH REF. GS-12-604 SECTION 5.2.
- PRODUCT SPECIFICATION: GS-12-604.
- APPLICATION SPECIFICATION: GS-20-128.
-  PRODUCT MARKING ON HOUSING IN AREA SHOWN MEETS AFCI SPECIFICATION: GS-24-007.
- PACKAGING MEETS FCI SPECIFICATION GS-14-937.
-  HOUSING COMPONENT WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 60 SECONDS IN A CONVECTION, INFRA-RED, OR VAPOR PHASE REFLOW OVEN.
-  HOST BOARD ALIGNMENT KEY IS RECOMMENDED TO ENSURE PROPER ALIGNMENT OF SOLDER TAILS WITH HOST BOARD PADS.
- A SYMBOL  WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.



16 POWER PINS

16 SIGNAL PINS

MOUNTING EARS ARE DOWN

spec ref -		dr Wei-Long Zhang		2012/05/11		projection	MM	size	scale
tolerance std		eng Sunny2 Liu		2016/05/18				A2	4:1
- ASME Y14.5		TOLERANCES UNLESS OTHERWISE SPECIFIED		chr Terris Liu		2016/05/20		ecn no ELX-DG-24036-1	
		appr Pei-Ming Zheng		2016/05/24		product family CARD EDGE		rel level Released	
surface -		linear		0.X ±0.3		Amphenol FCI		title RECEPTACLE (16P-16S)	
				0.XX ±0.1					
ASME Y14.5		angular		0° ±2°		dwg no 10121046		rev B	
				cat. no. -		Product - Customer Drw		sheet 4 of 4	

PDS: Rev :B

STATUS:Released

Printed: May 24, 2016

Mouser Electronics

Authorized Distributor

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[10121046-001LF](#) [10121046-002LF](#)