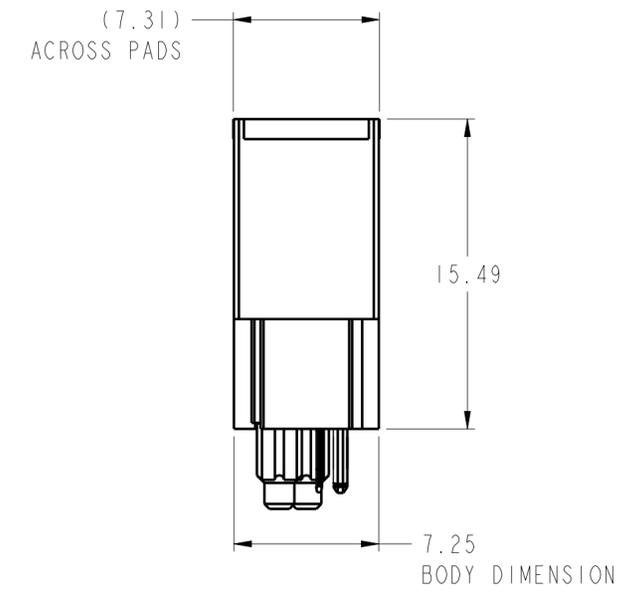
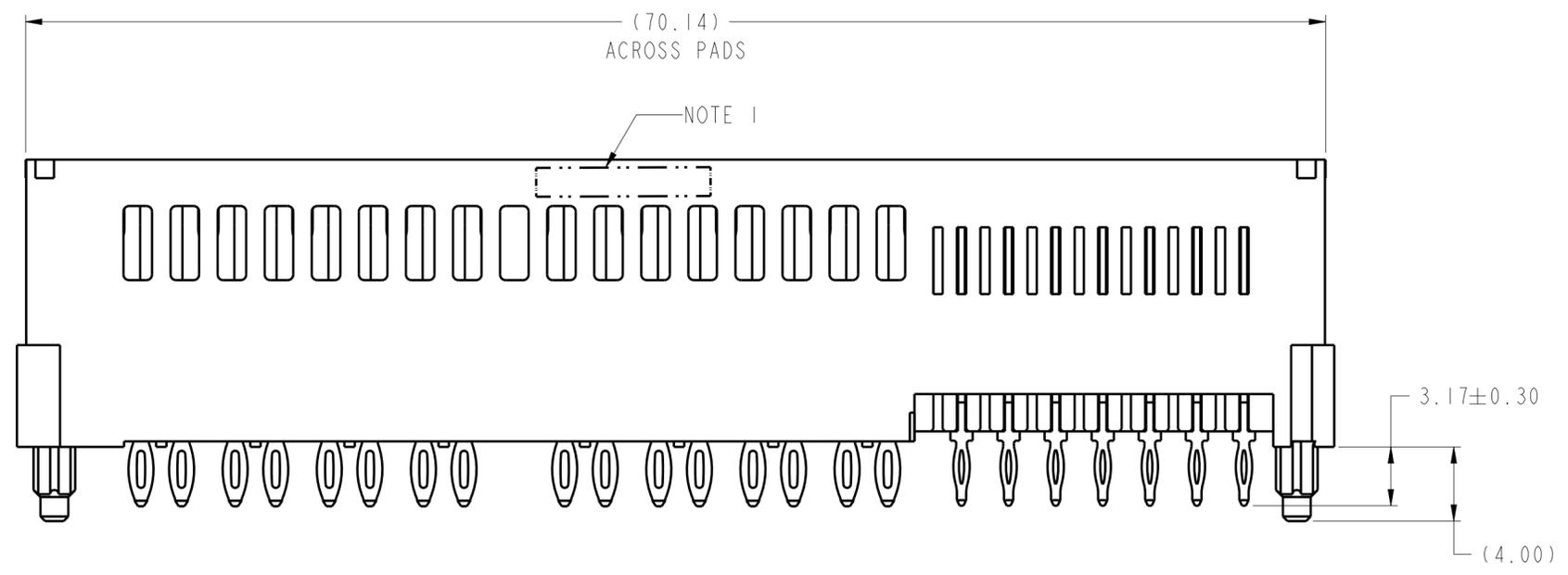
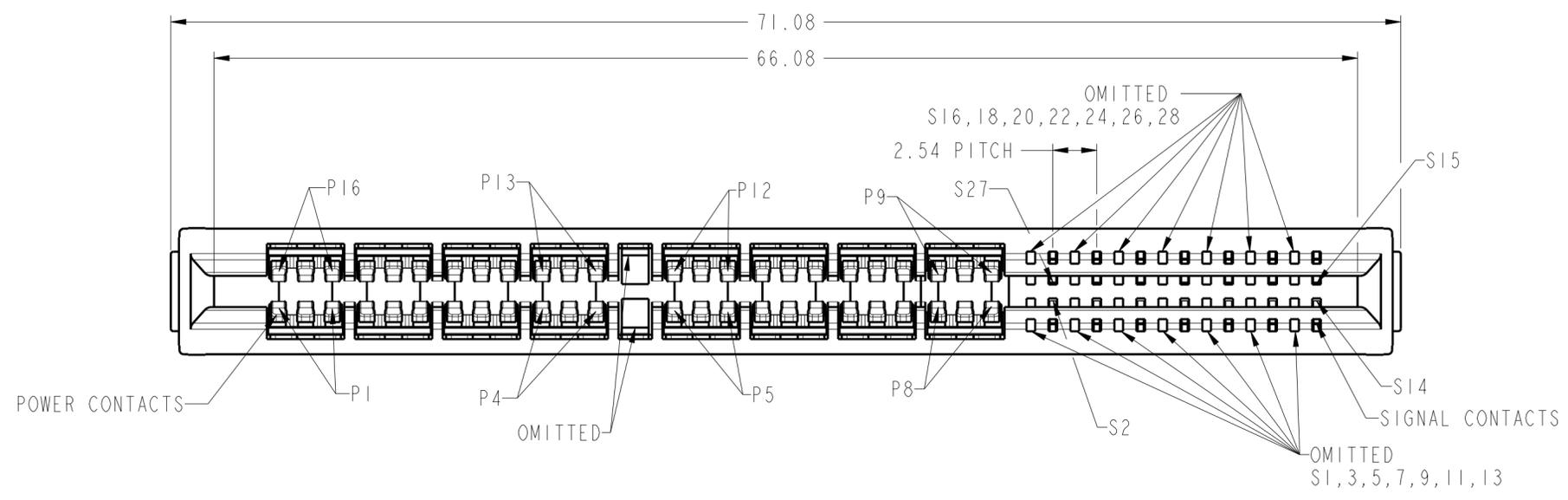


I 2 3 4 5 6 7 8

A  
B  
C



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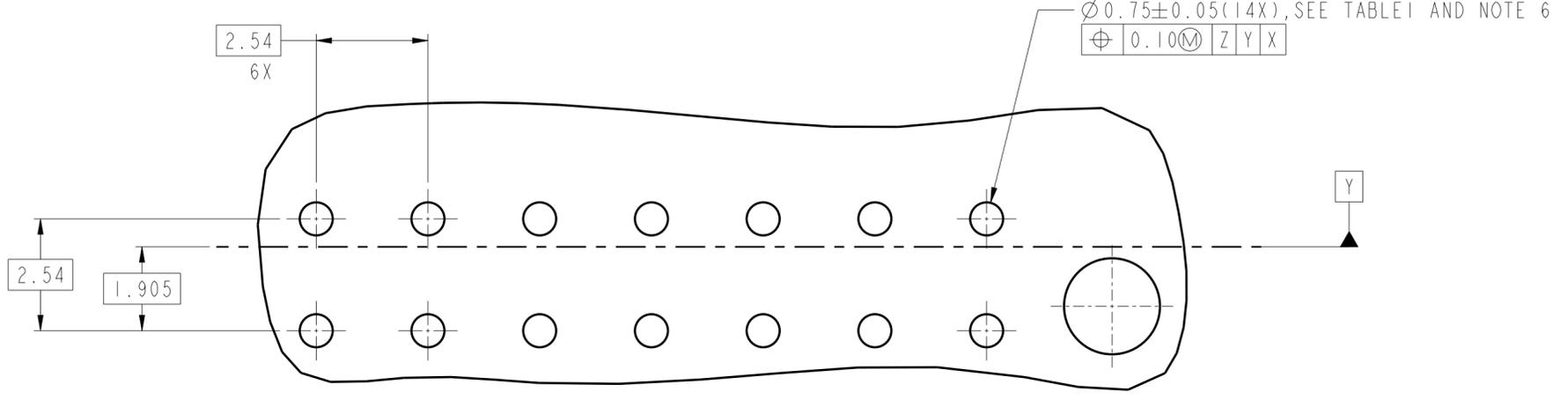
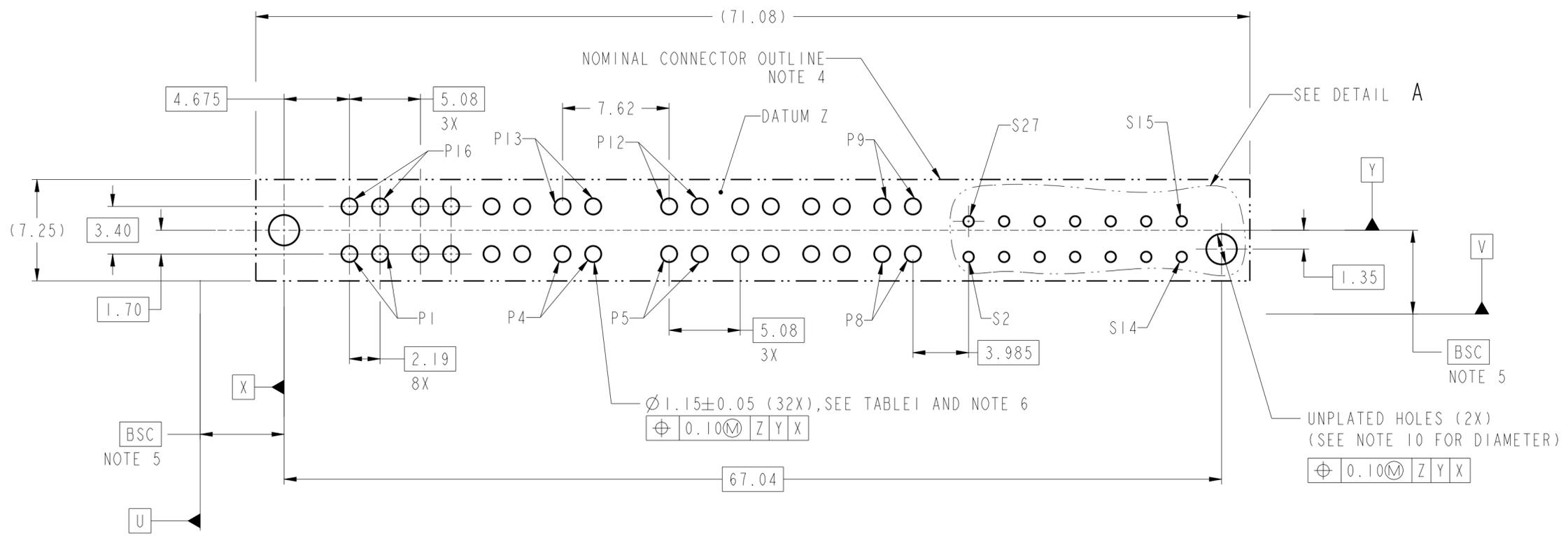
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**PRELIMINARY**

spec ref	-	dr	Jackbin Zou	2016-9-19	projection	MM	size	A2	scale	5:1	
tolerance std	ISO 406 ISO 1101	eng	Jackbin Zou	2016-9-19			ecn no	rel level	title <b>eHPCE VERTICAL RECEPT</b> PRESS-FIT TYPE (16MP+28S, OMITTED 14S)	dwg no 10141274	rev 2
surface	linear 0.X ±0.50 0.XX ±0.25 0.XXX ±0.10 angular 0° ±2°	chr	Terris Liu	2016-9-19							
ISO 1302		appr	Pei-Ming Zheng	2016-9-19							

I 2 3 4 5 6 7 8

CONTACT TYPE	TOP LAYER DESCRIPTION	TABLE 1 (eHPCE / PRESS-FIT TAILS) PLATED THROUGH-HOLE REQUIREMENTS				
		DRILLED HOLE DIAMETER	COPPER THICKNESS	TIN-LEAD THICKNESS	TIN THICKNESS	FINISHED HOLE DIAMETER
SIGNAL	IMMERSION TIN	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	--	0.9 - 1.5um	0.70 - 0.80
	COPPER	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	--	--	0.70 - 0.80
POWER	IMMERSION TIN	1.21-1.26 (1.25 DRILL)	0.025 - 0.050	--	0.9 - 1.5um	1.10 - 1.20
	COPPER	1.21-1.26 (1.25 DRILL)	0.025 - 0.050	--	--	1.10 - 1.20



RECOMMENDED HOST BOARD LAYOUT  
(DIMENSION TOLERANCE IS  $\pm 0.05\text{mm}$ )

spec ref	-	dr	Jockbin Zou	2016-9-19	projection	MM	size	A2	scale	5:1
tolerance std	ISO 406 ISO 1101	eng	Jockbin Zou	2016-9-19			ecn no	rel level	cat. no.	Product - Customer Drw
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	Terris Liu	2016-9-19						
surface	linear	0.X	$\pm 0.50$		eHPCE VERTICAL RECEPT		dwg no 10141274	rev 2	sheet 2 of 4	
		0.XX	$\pm 0.25$		PRESS-FIT TYPE (16MP+28S, OMITTED 14S)					
		0.XXX	$\pm 0.10$							
	angular	0°	$\pm 2^\circ$							

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I 2 3 4 5 6 7 8

A

B

C

D

E

F

A

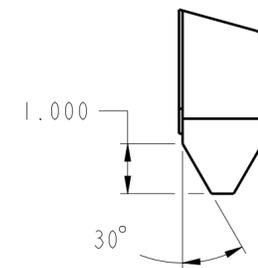
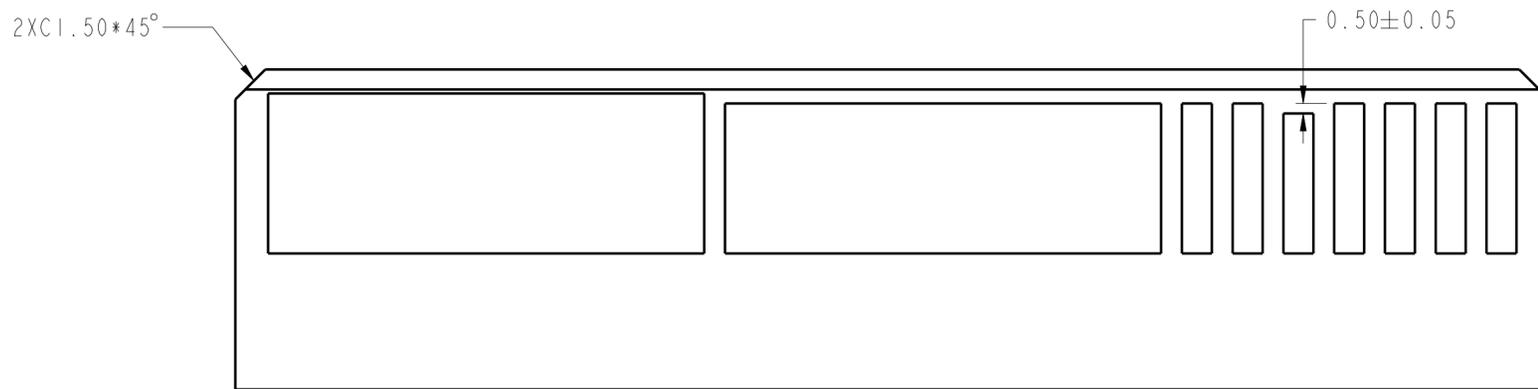
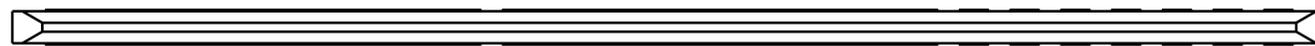
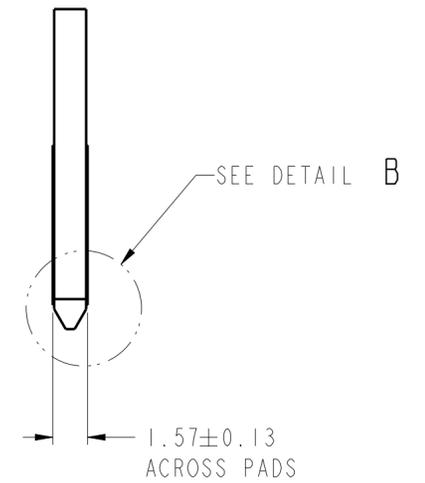
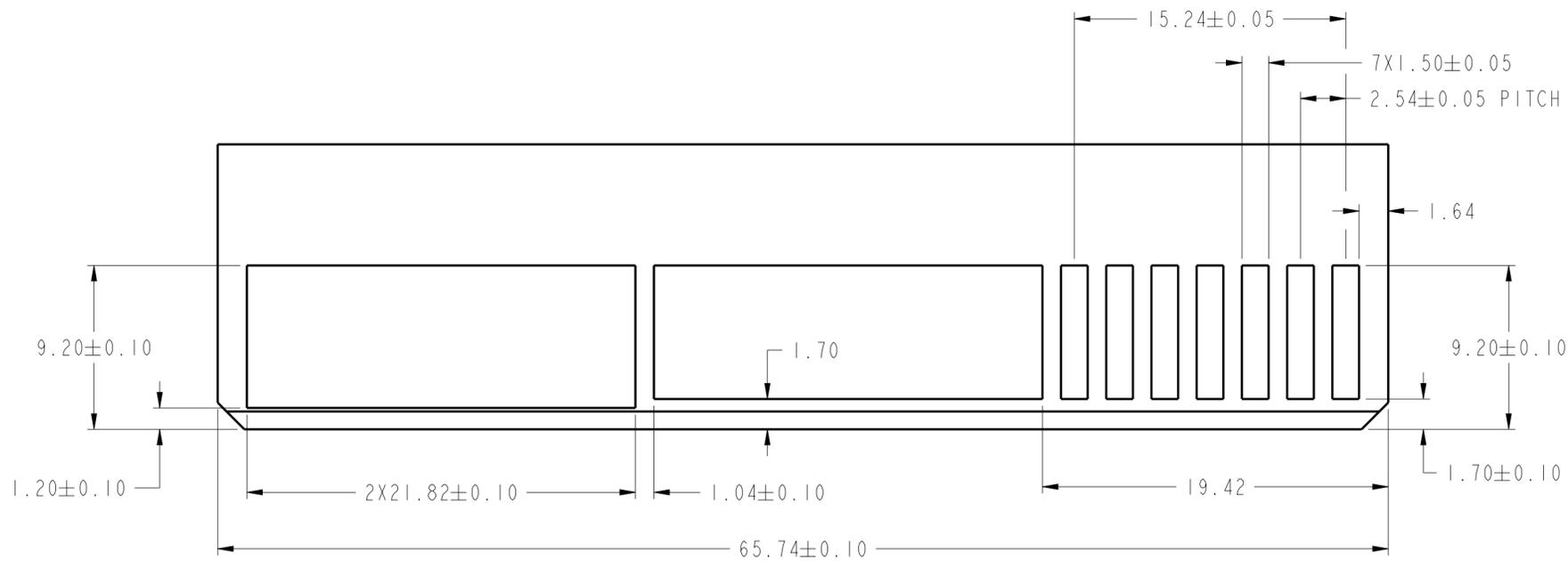
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DETAIL B  
SCALE 10:1

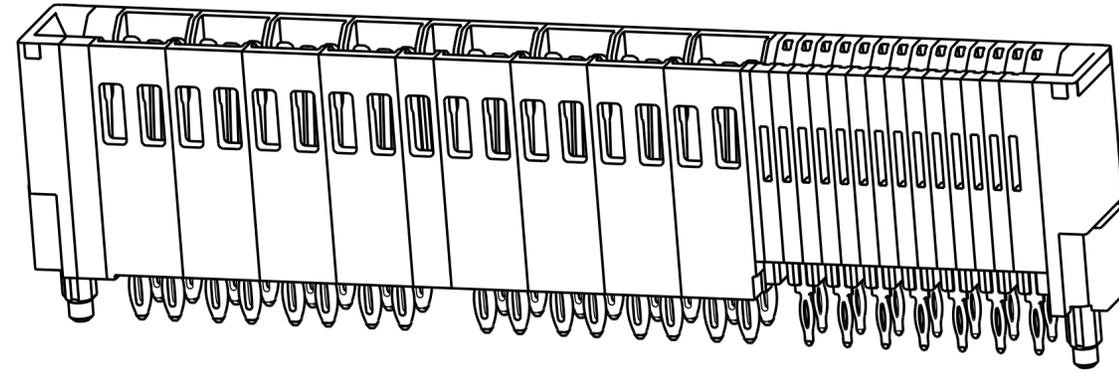
RECOMMENDED MATING BOARD LAYOUT  
(DIMENSION TOLERANCE IS ±0.05mm)

spec ref	-	dr	Jockbin Zou	2016-9-19	projection	MM	size	A2	scale	4:1
tolerance std	ISO 406 ISO 1101	eng	Jockbin Zou	2016-9-19			ecn no	rel level	cat. no.	Product - Customer Drw
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	Terris Liu	2016-9-19						
surface	ISO 1302	appr	Pei-Ming Zheng	2016-9-19	product family					
	linear	0.X	±0.50	Amphenol FCI	eHPCE VERTICAL RECEPT		dwg no	10141274	rev	2
		0.XX	±0.25		PRESS-FIT TYPE (16MP+28S, OMITTED 14S)					
		0.XXX	±0.10							
	angular	0°	±2°							
sheet 3 of 4										

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eHPCE PART NUMBER

PART NUMBER	TAIL TYPE	ORIENTATION KEY
10141274-001LF	PRESS-FIT TAILS	NO



NOTES:

- 1) PRODUCT MARK:  
PART NUMBER AND DATE CODE TO BE MARKED ON THIS SURFACE.  
THE MARK CAN BE OMITTED IF THERE IS NOT ENOUGH SPACE ON THIS SURFACE.
- 2) MATERIALS:  
-HOUSING : HIGH TEMP THERMOPLASTIC WITH GLASS FIBER, UL94V-0, BLACK.  
-POWER CONTACT : HIGH CONDUCTIVITY COPPER ALLOY.  
-SIGNAL CONTACT : COPPER ALLOY
- 3) PLATING SPECIFICATION:  
-POWER CONTACT:  
CONTACT AREA: GCS OVER NI  
SOLDER TAIL AREA: MATTE SN OVER NI  
-SIGNAL CONTACT:  
CONTACT AREA:GXT OVER NI  
SOLDER TAIL AREA: MATTE SN OVER NI
- 4) DENOTES CONNECTOR KEEP OUT ZONE.
- 5) DATUM AND BASIC DIMENIONS WERE ESTABLISHED BY CUSTOMER.
- 6) ALL HOLE DIAMETERS ARE FINISHED HOLE SIZES.
- 7) THE PRODUCT IS NOT INTENDED TO BE EXPOSED TO A MANUFACTURING SOLDER PROCESS.
- 8) THIS PRODUCT MEETS EUROPEN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004.
- 9) PRODUCT SPECIFICATION : GS-12-1380.  
APPLICATION SPECIFICATION : GS-20-0488, APPLICATION TOOLING,SEE DRAWING 10141760  
PRODUCT PACKAGE SPECIFICATION: GS-14-2532.
- 10) MOUNTING HOLES ARE UNPLATED  
Ø 2.40+/-0.05 FOR PRESS-FIT TAILS.
- 11. RECOMMENDED HOST PCB THICKNESS: 1.57mm MINIMUM.

spec ref	-	dr	Jockbin Zou	2016-9-19	projection	MM	size	A2	scale	2:1	
tolerance std	ISO 406 ISO 1101	eng	Jockbin Zou	2016-9-19			ecn no				
		chr	Terris Liu	2016-9-19			rel level				
		appr	Pei-Ming Zheng	2016-9-19	product family						
surface	linear	0.X	±0.50	<b>Amphenol FCI</b>	eHPCE VERTICAL RECEPT PRESS-FIT TYPE (16MP+28S, OMITTED 14S)	dwg no 10141274	rev 2				
		0.XX	±0.25								
		0.XXX	±0.10								
ISO 1302	angular	0°	±2°	cat. no.	Product - Customer Drw	sheet 4 of 4					

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