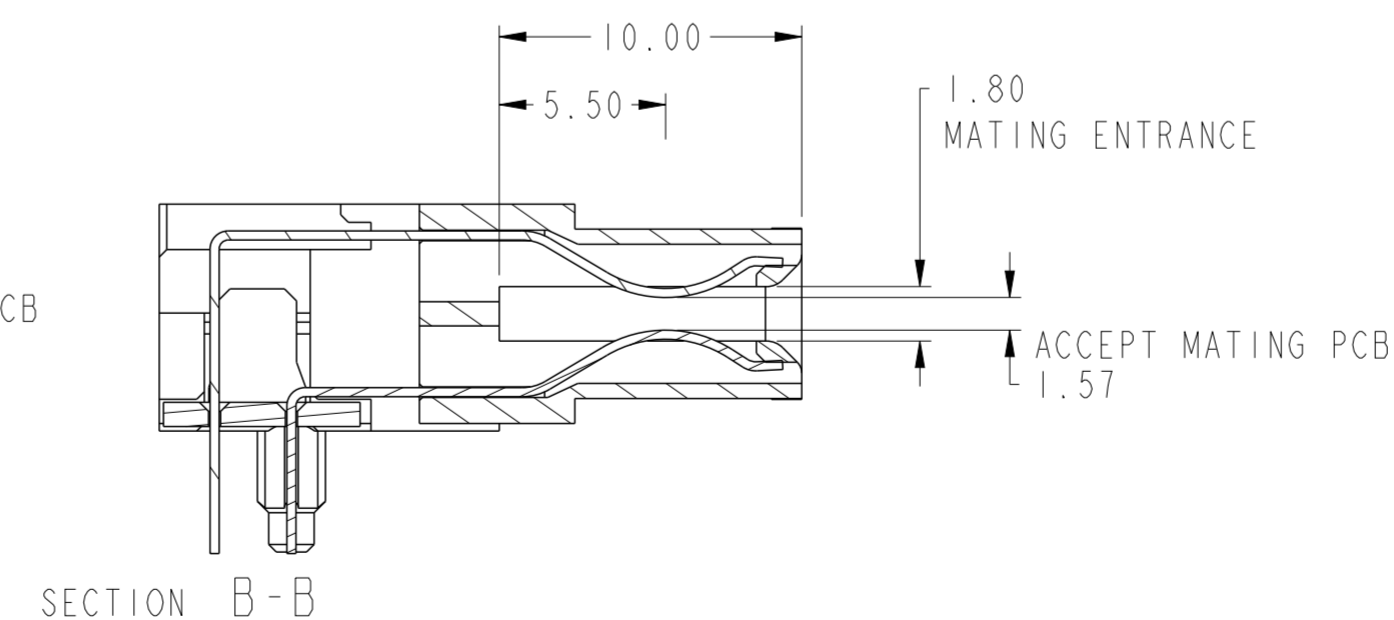
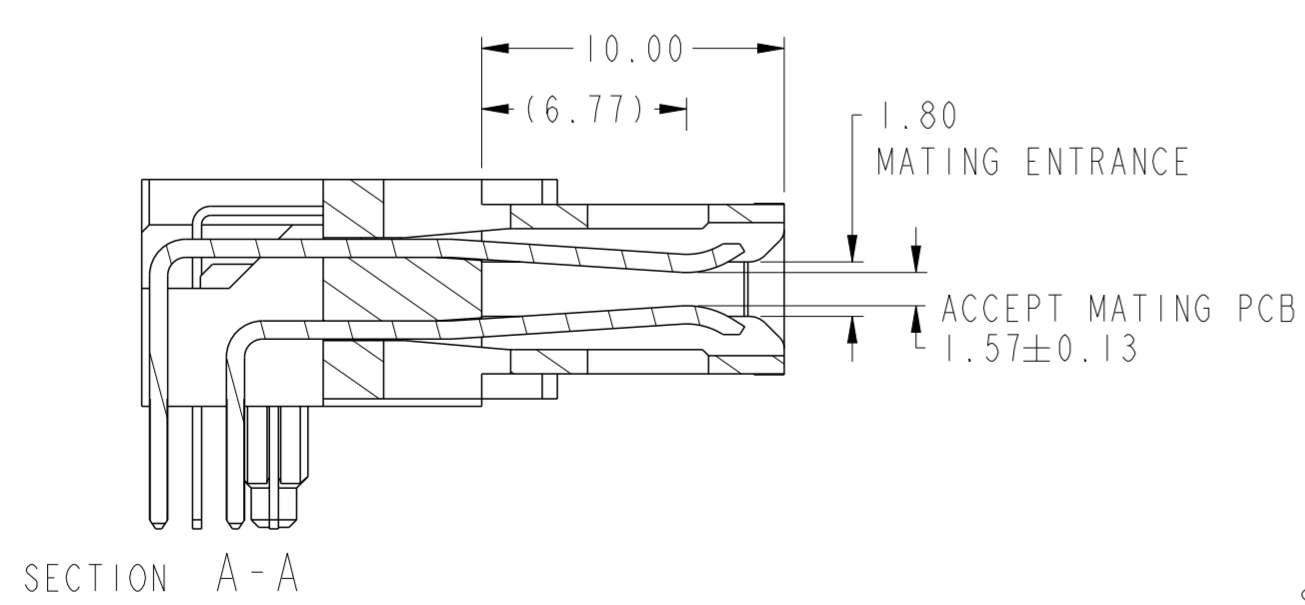
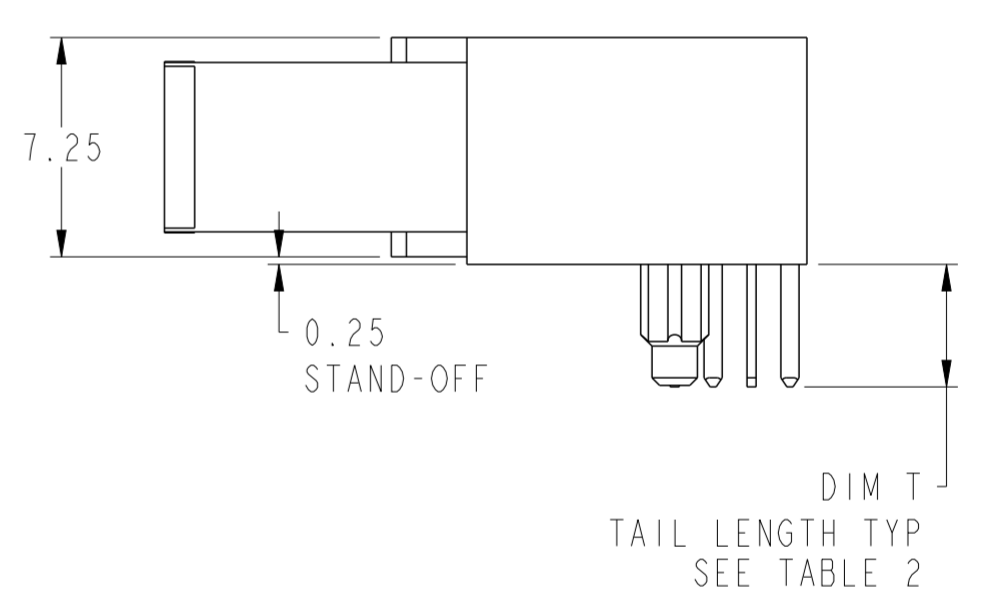
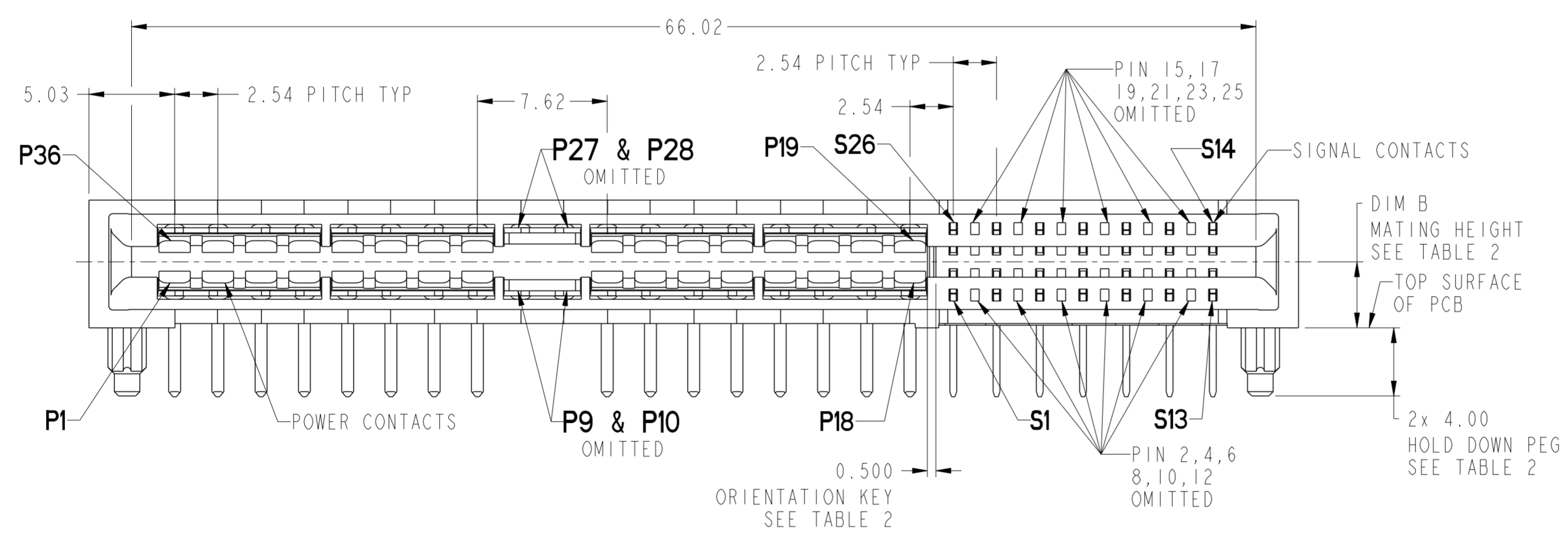
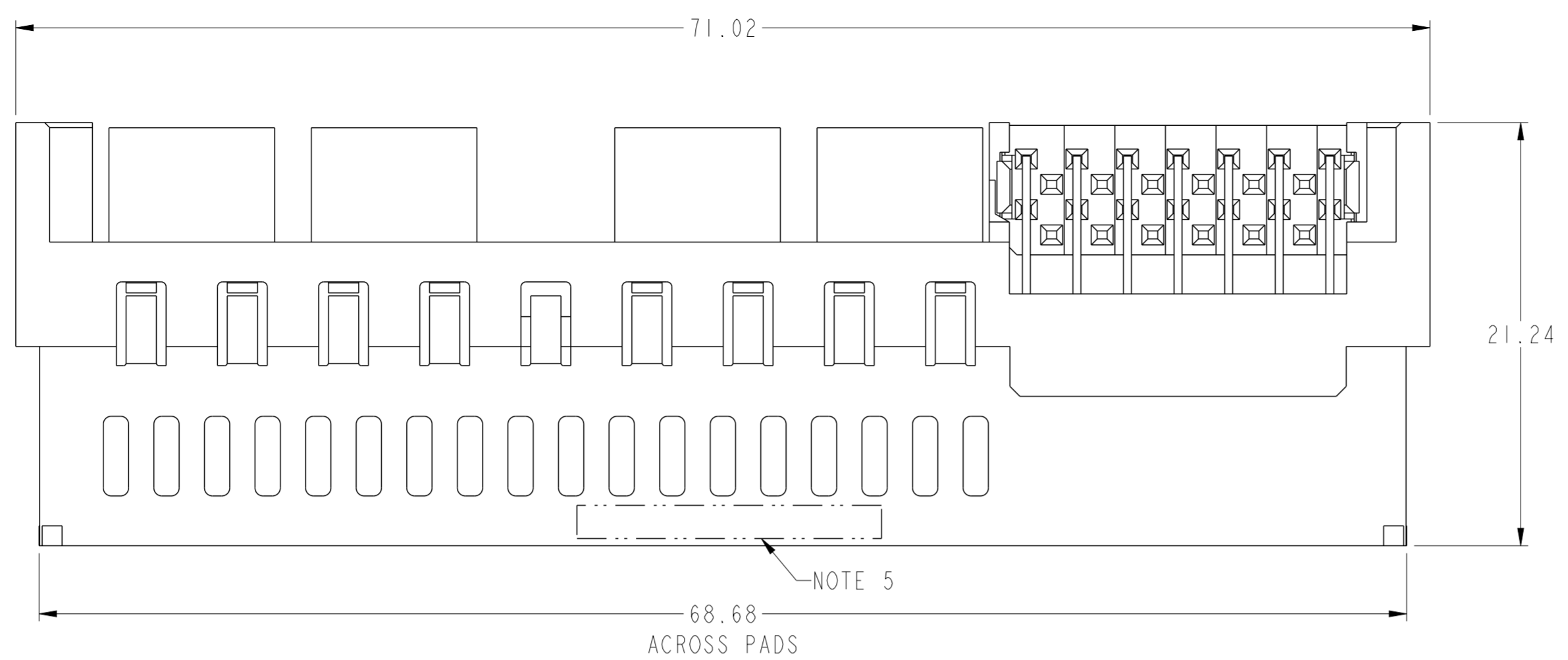


Amphenol
FCi

© 2016 AFci



spec ref	-	dr	De-Ming Lu	2014/02/28	projection	MM	size	A2	scale	4:1	
tolerance std	ASME Y14.5	eng	Sunny2 Liu	2016/06/15			ecn no	ELX-DG-24241-1			
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	Terris Liu	2016/06/16			rel level	Released			
surface	linear	appr	Pai-Ming Zheng	2016/06/16			product family	HPCE			
	angular						cat. no.	Product - Customer Drw		sheet 1 of 4	
linear	0.X	±0.5	Amphenol FCI		TITLE R/A RECT (36P-26S) HIGH POWER CARD EDGE		dwg no	10129262		rev	C
	0.XX	±0.25									
	0.XXX	±0.10									
	0°	±2°	PDS: Rev :C		STATUS:Released		Printed: Jun 16, 2016				

CONTACT TYPE

TOP LAYER DESCRIPTION

TABLE 1 (HPCE / SOLDER TAILS)
PLATED THROUGH-HOLE REQUIREMENTS

DRILLED HOLE DIAMETER

COPPER THICKNESS

TIN-LEAD THICKNESS

TIN THICKNESS

FINISHED HOLE DIAMETER

POWER & SIGNAL

TIN-LEAD

1.10-1.16 (1.15 DRILL)

0.025 - 0.050

0.005 - 0.015

--

0.94 - 1.10

IMMERSION TIN

1.10-1.16 (1.15 DRILL)

0.025 - 0.050

--

0.9 - 1.5um

0.94 - 1.10

COPPER (SEE NOTE 8)

1.10-1.16 (1.15 DRILL)

0.025 - 0.050

--

--

0.94 - 1.10

NOMINAL CONNECTOR OUTLINE

SEE DETAIL K

UNPLATED HOLE (2X)
(SEE NOTE 10 FOR DIAMETER)

⊕ 0.10(M) Z Y X

SEE TABLE 1, NOTE 9
TYP

⊕ 0.10(M) Z Y X

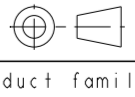
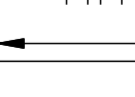

BOARD EDGE

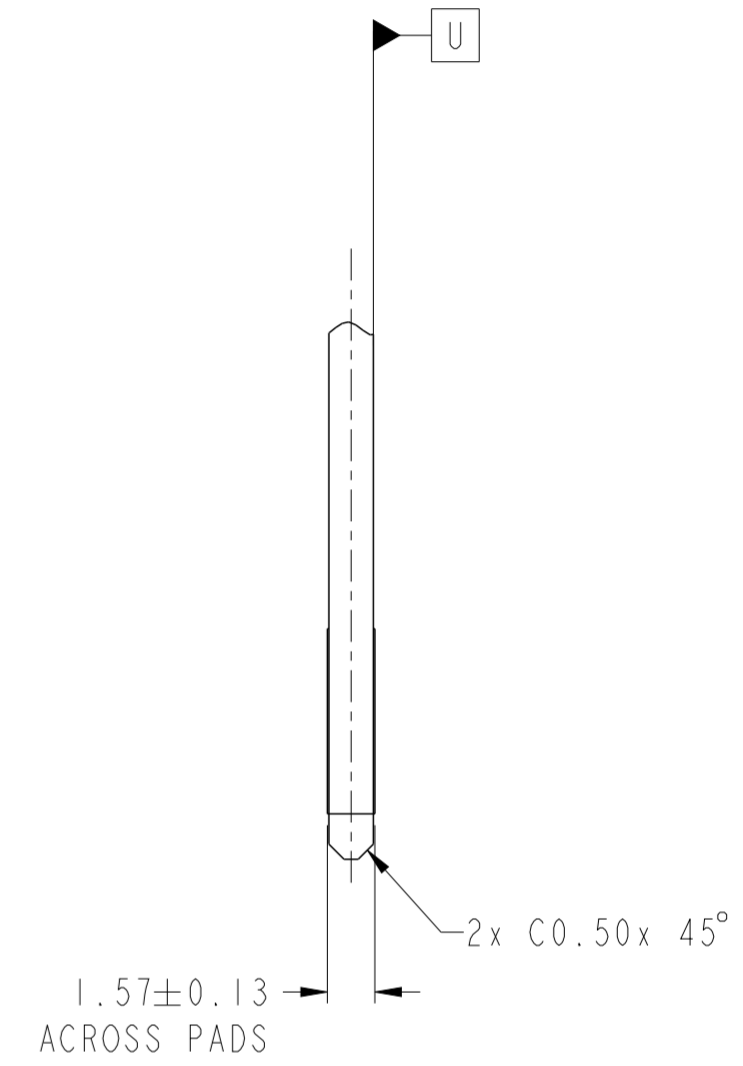
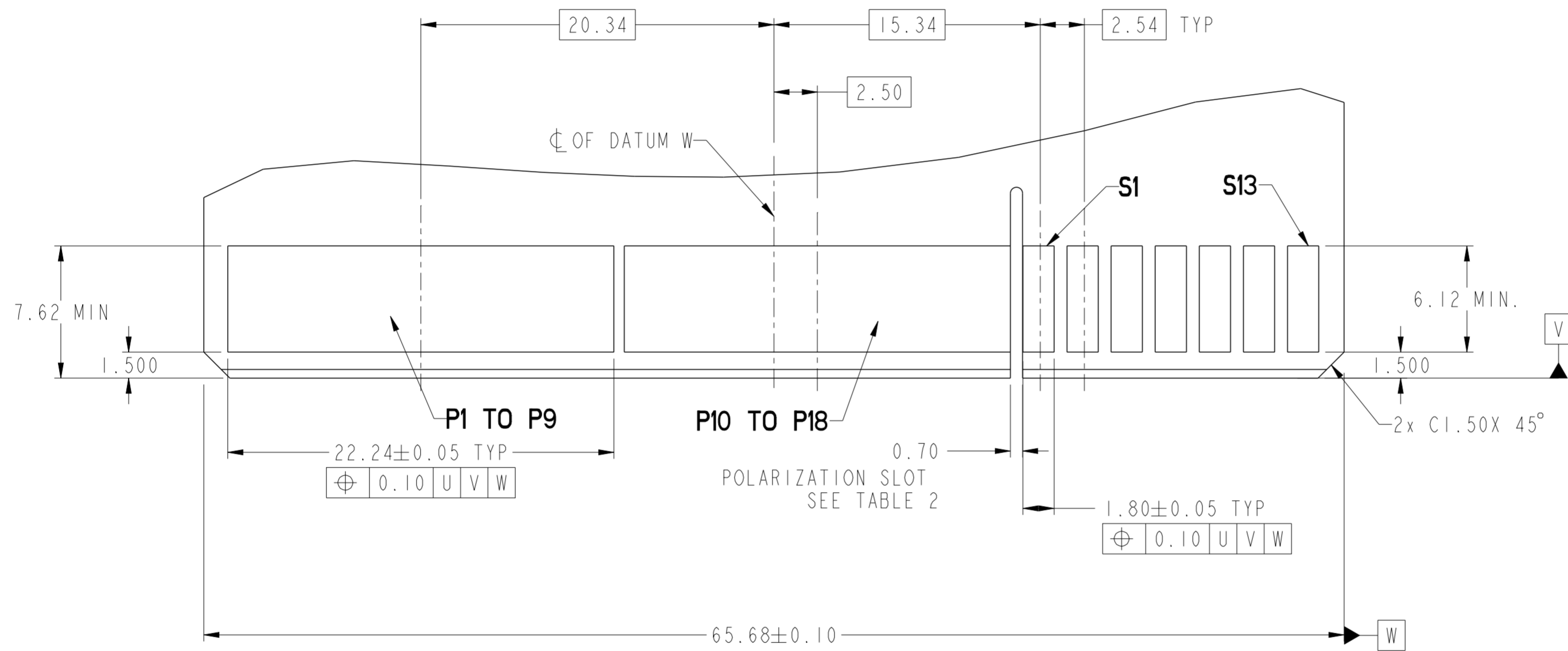
SEE TABLE 1, NOTE 9
TYP

⊕ 0.10(M) Z Y X

RECOMMENDED PCB LAYOUT
VIEWED FROM CONNECTOR SIDE

DETAIL K
SCALE 8:1



spec ref	-	dr	De-Ming Lu	2014/02/28	projection	MM	size	A2	scale	4:1
tolerance std	ASME Y14.5	eng	Sunny2 Liu	2016/06/15			ecn no	ELX-DG-24241-1	rel level	Released
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	Terris Liu	2016/06/16						
surface	linear	0.X	±0.5		R/A RECT (36P-26S)		cat. no. - Product - Customer Drw	sheet 2 of 4	rev C	
ASME Y14.5	angular	0.XX	±0.25		title HIGH POWER CARD EDGE	dng no 10129262				
		0.XXX	±0.10							PDS: Rev :C

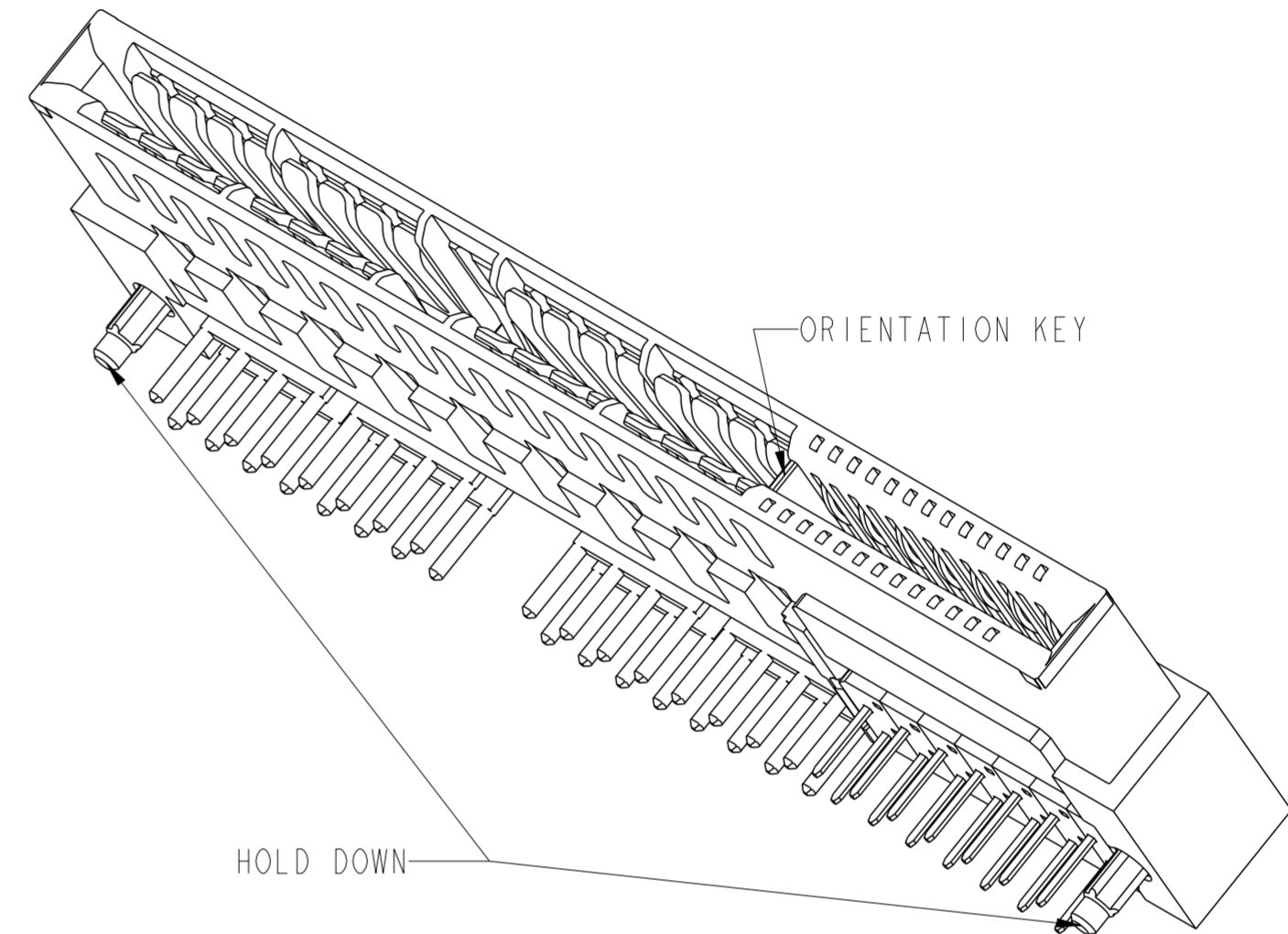


REFERENCE
PANDEMONIUM POWER SUPPLY BOARD

spec ref	-	dr	De-Ming Lu	2014/02/28	projection	MM	size	A2	scale	4:1	
tolerance std	ASME Y14.5	eng	Sunny2 Liu	2016/06/15			ecn no	ELX-DG-24241-1			
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	Terris Liu	2016/06/16			rel level	Released			
surface	ASME Y14.5	appr	Pai-Ming Zheng	2016/06/16			product family	-			
linear	0.X ±0.5 0.XX ±0.25 0.XXX ±0.10	Amphenol FCI		title		R/A RECT (36P-26S) HIGH POWER CARD EDGE		dwg no	10129262		
angular	0° ±2°	cat. no.		-		Product - Customer Drw		rev	C		

HPCE PART NUMBER (TABLE 2)

PART NUMBER	TAIL TYPE	HOLD-DOWN OPTION	ORIENTATION KEY	DIM T TAIL LENGTH ±0.25	DIM B MATING LENGTH
10129262-001LF	SOLEDER TAIL	YES	NO	4.85	3.88
10129262-002LF			YES		
10129262-003LF 			NO	3.25	3.88
10129262-004LF 			YES		



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.

 5. PRODUCT MARKING ON HOUSING IN AREA SHOWN MEETS AFCI SPECIFICATION: GS-24-007.

6. PACKAGING MEETS FCI SPECIFICATION GS-14-937.

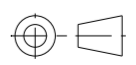
7. HOUSING COMPONENT WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 60 SECONDS IN A CONVECTION, INFRA-RED, OR VAPOR PHASE REFLOW OVEN.

 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 2.10 +/- 0.1 FOR SOLDER TAILS

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

spec ref	-	dr	De-Ming Lu	2014/02/28	projection	MM	size	A2	scale	4:1	
tolerance std	ASME Y14.5	eng	Sunny2 Liu	2016/06/15		←	ecn no	ELX-DG-24241-1	rel level	Released	
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	Terris Liu	2016/06/16							
surface		appr	Pai-Ming Zheng	2016/06/16							
linear	0.X ±0.5 0.XX ±0.25 0.XXX ±0.10	product family		HPCE	title		R/A RECT (36P-26S)	dwg no	10129262	rev	C
angular	0° ±2°	cat. no.		-	Product - Customer Drw		sheet 4 of 4				