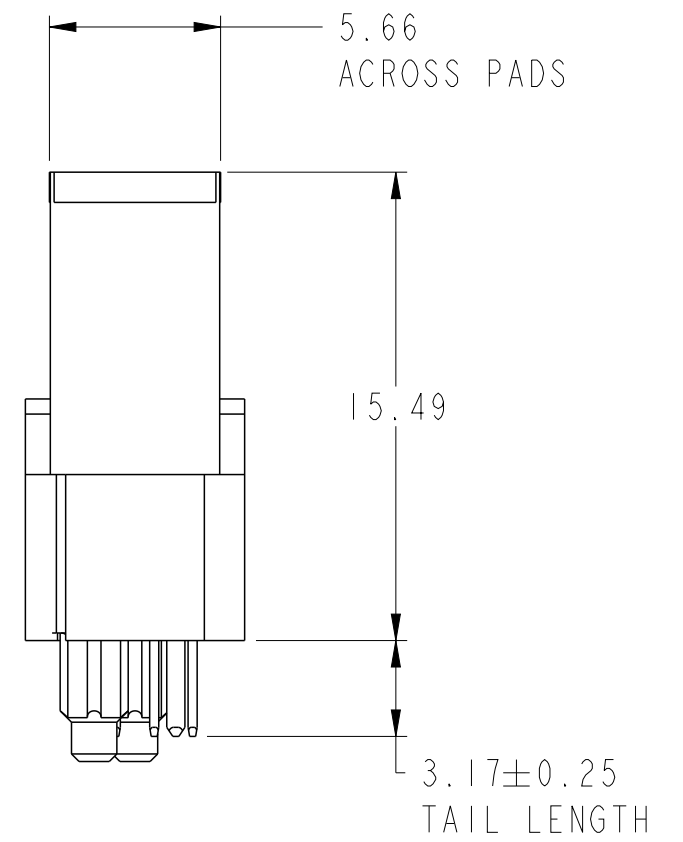
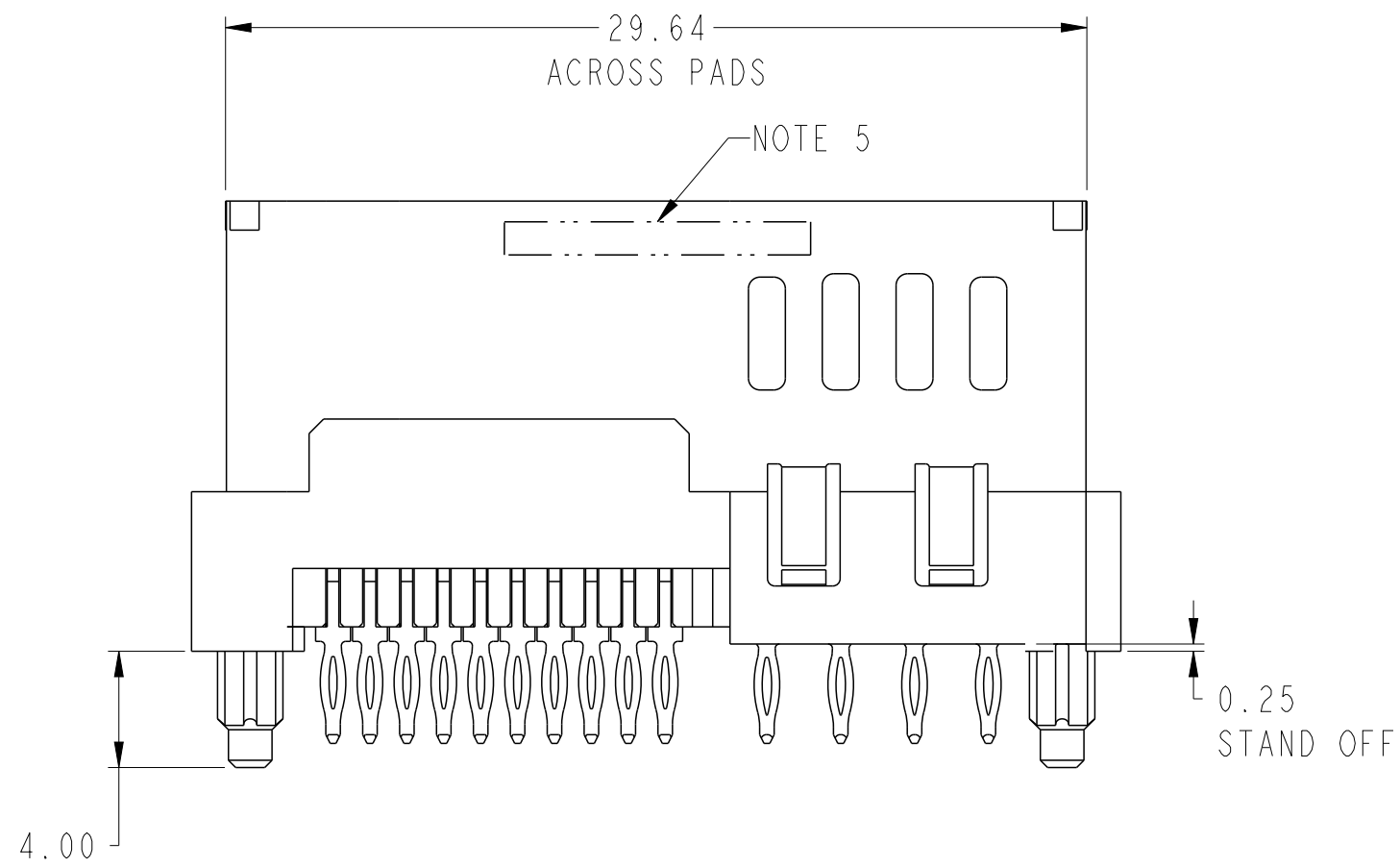
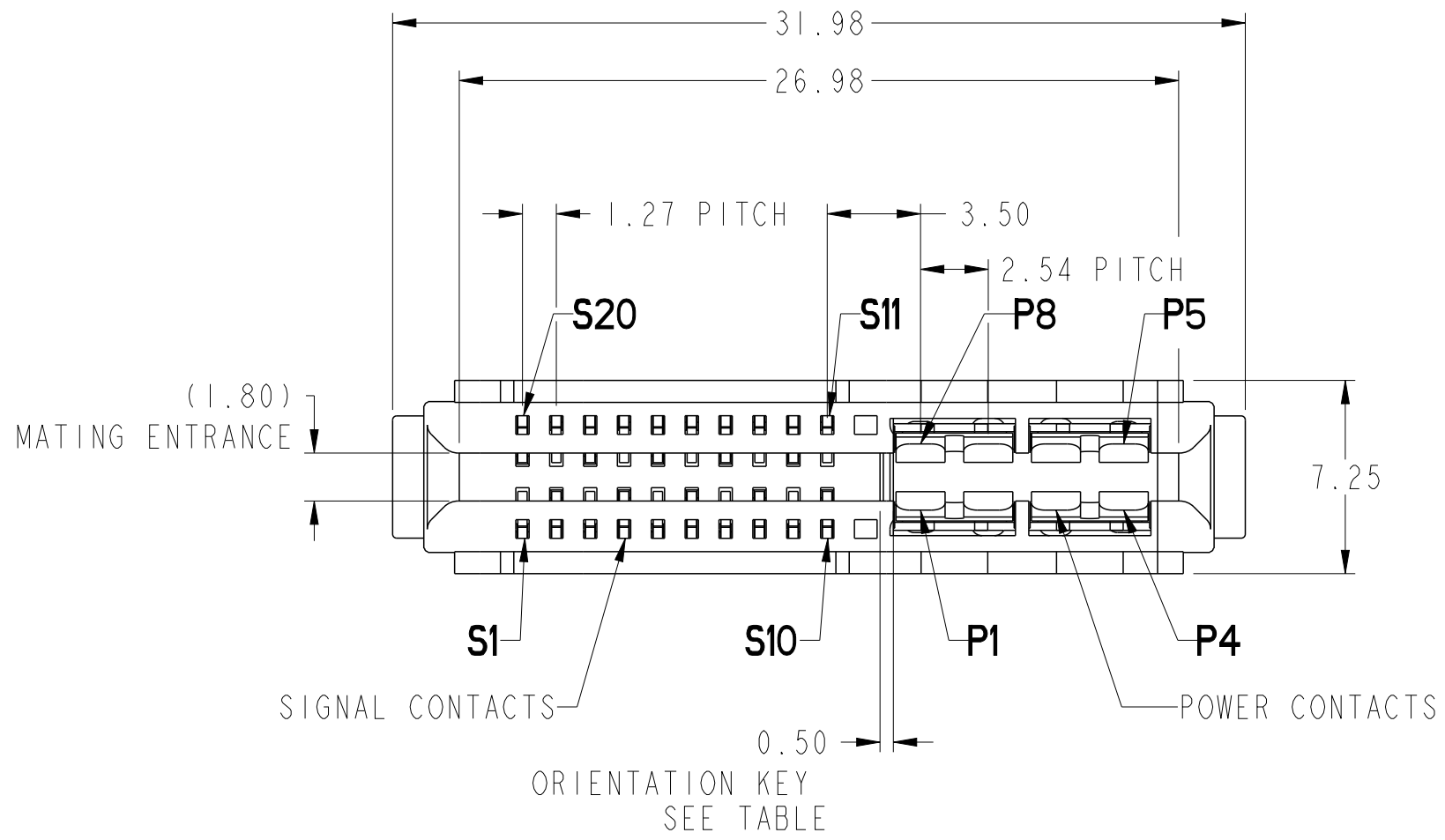




spec ref		-	dr		Hai-Ling Liu	2014/12/02	projection				MM		size		A2	scale		4:1			
tolerance std		-	eng		Sunny2 Liu	2016/05/06							ecn no		ELX-DG-24036-1						
ASME Y14.5		TOLERANCES UNLESS OTHERWISE SPECIFIED		chr		Terris Liu							2016/05/20	rel level		Released					
				appr		Pei-Ming Zheng							2016/05/24	product family		HPCE					
surface		✓	linear		0.X		±0.5		Amphenol FCi		title		HPCE VERT RECT		dwg no		10132582		rev		B
			0.XX		±0.25																
			0.XXX		±0.10																
ASME Y14.5		angular		0°		±2°				cat. no.		-		Product - Customer Drw		sheet 1 of 4					

A
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C
D
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Amphenol
FCi

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SEE TABLE 1, 2 & NOTE 7 (20x)

UNPLATED HOLE (2x)
(SEE NOTE 8 FOR DIAMETER)

SEE TABLE 1, 2 & NOTE 7 (8x)

SEE DETAIL K

NOMINAL CONNECTOR OUTLINE

ROW A
ROW B

ROW C
ROW D
ROW E
ROW F

DETAIL K
SCALE 8:1

HPCE VERT RECT
20S-8LP

Product - Customer Drw

STATUS:Released

Printed: May 24, 2016

PDS: Rev :B

sheet 2 of 4

rel level
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ecn no
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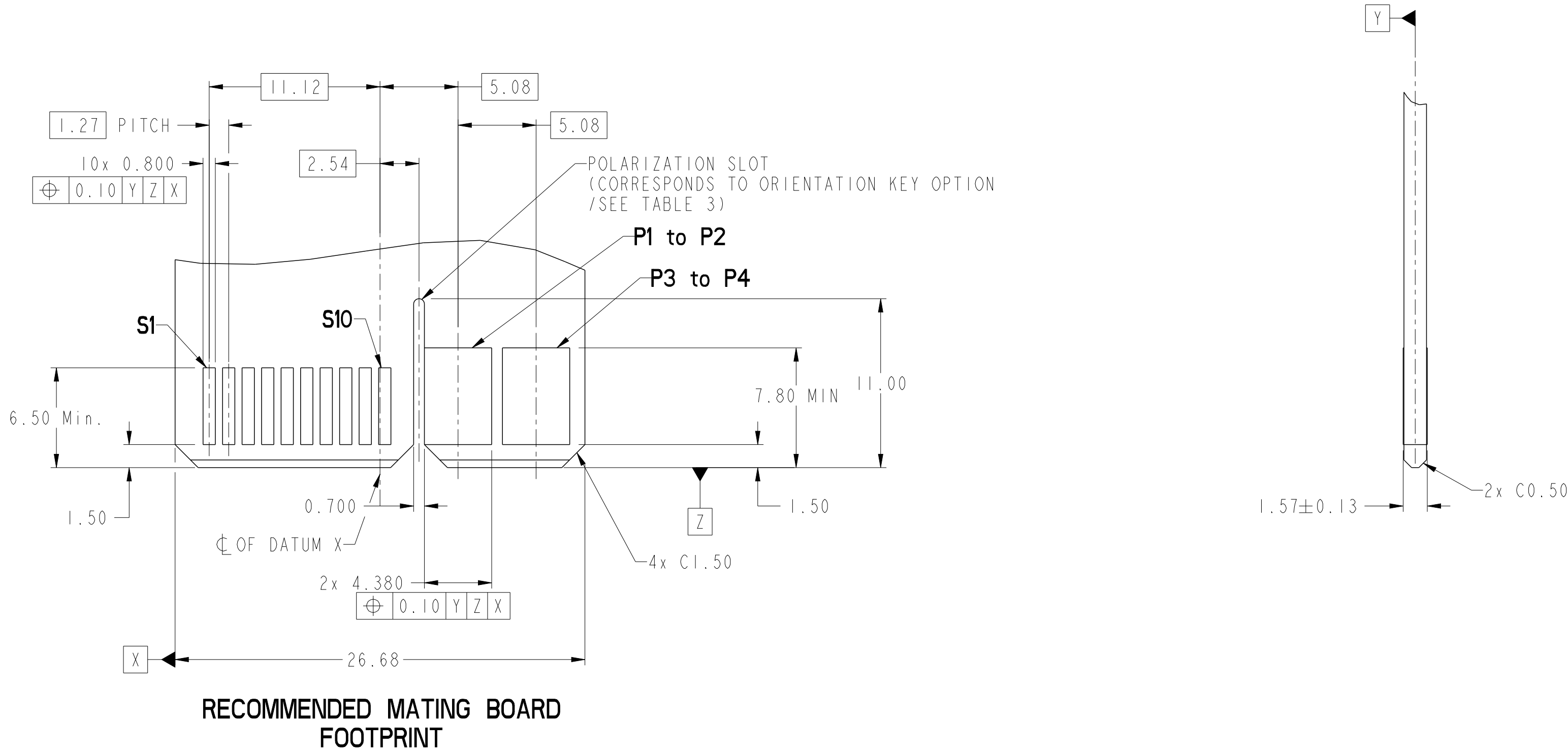
product family

cat. no.

rel level

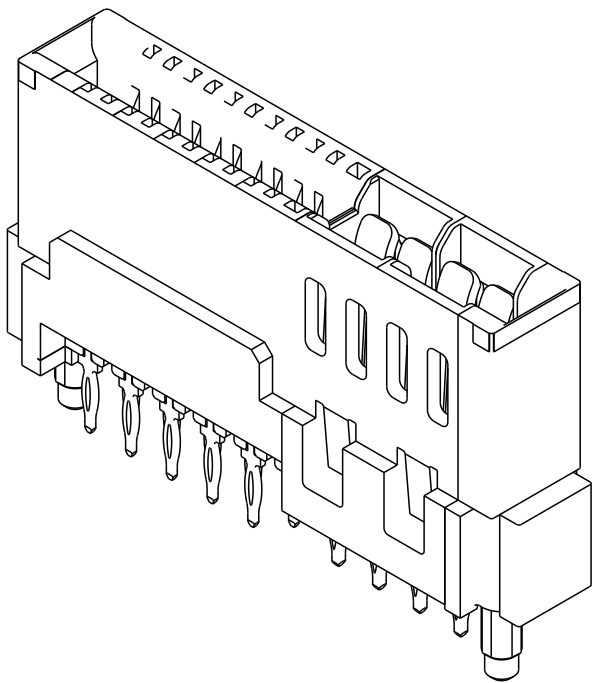
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CONTACT TYPE	TOP LAYER DESCRIPTION	TABLE 1 (HPCE / SOLDER TAILS) PLATED THROUGH-HOLE REQUIREMENTS				
		DRILLED HOLE DIAMETER	COPPER THICKNESS	TIN-LEAD THICKNESS	TIN THICKNESS	FINISHED HOLE DIAMETER
POWER & SIGNAL	TIN-LEAD	1.10-1.16 (1.15 DRILL)	0.025 - 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
CONTACT TYPE	TOP LAYER DESCRIPTION	TABLE 2 (HPCE / PRESS-FIT TAILS) PLATED THROUGH-HOLE REQUIREMENTS				
		DRILLED HOLE DIAMETER	COPPER THICKNESS	TIN-LEAD THICKNESS	TIN THICKNESS	FINISHED HOLE DIAMETER
POWER & SIGNAL	TIN-LEAD	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	0.005 - 0.015	--	0.65 - 0.80
	IMMERSION TIN	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	--	0.9 - 1.5um	0.70 - 0.80
	COPPER (SEE NOTE 8)	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	--	--	0.70 - 0.80



spec ref	-	dr	Hai-Ling Liu	2014/12/02	projection	MM	size	A2	scale	1:1
tolerance std	-	eng	Sunny2 Liu	2016/05/06			ecn no	ELX-DG-24036-1	rel level	Released
ASME Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED	chr	Terris Liu	2016/05/20						
surface	-	appr	Pei-Ming Zheng	2016/05/24						
ASME Y14.5	linear	0.X	±0.5	0.XX	±0.25	0.XXX	±0.10	angular	0°	±2°
Amphenol FCI		title		HPCE VERT RECT		20S-8LP		cat. no.		-
Product		Customer Drw		sheet 3 of 4		rev		B		

HPCE PART NUMBER (TABLE 3)		
PART NUMBER	TAIL TYPE	ORIENTATION KEY
I0132582-001LF	SOLDER	YES
I0132582-002LF	SOLDER	NO
I0132582-003	PRESS-FIT	YES
I0132582-003LF	PRESS-FIT	YES
I0132582-004	PRESS-FIT	NO
I0132582-004LF	PRESS-FIT	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.

ALL HOLE SIZES ARE FINISHED HOLE SIZES.
8.

MOUNTING HOLES ARE UNPLATED
Ø 2.40 +/- 0.1 FOR PRESS-FIT TAILS
Ø 2.18 +/- 0.03 FOR SOLDER TAILS
9. A SYMBOL

B

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

spec ref -				dr Hai-Ling Liu		2014/12/02		projection		MM		size A2		scale 4:1	
tolerance std -				eng Sunny2 Liu		2016/05/06						ecn no ELX-DG-24036-1			
ASME Y14.5				chr Terris Liu		2016/05/20									
TOLERANCES UNLESS OTHERWISE SPECIFIED				appr Pei-Ming Zheng		2016/05/24		product family HPCE				rel level Released			
surface -		linear		Amphenol FCI		title HPCE VERT RECT		dwg no 10132582		rev B					
		0.X ±0.5													
		0.XX ±0.25													
ASME Y14.5		0.XXX ±0.10													
		angular 0° ±2°				cat. no. -		Product - Customer Drw				sheet 4 of 4			