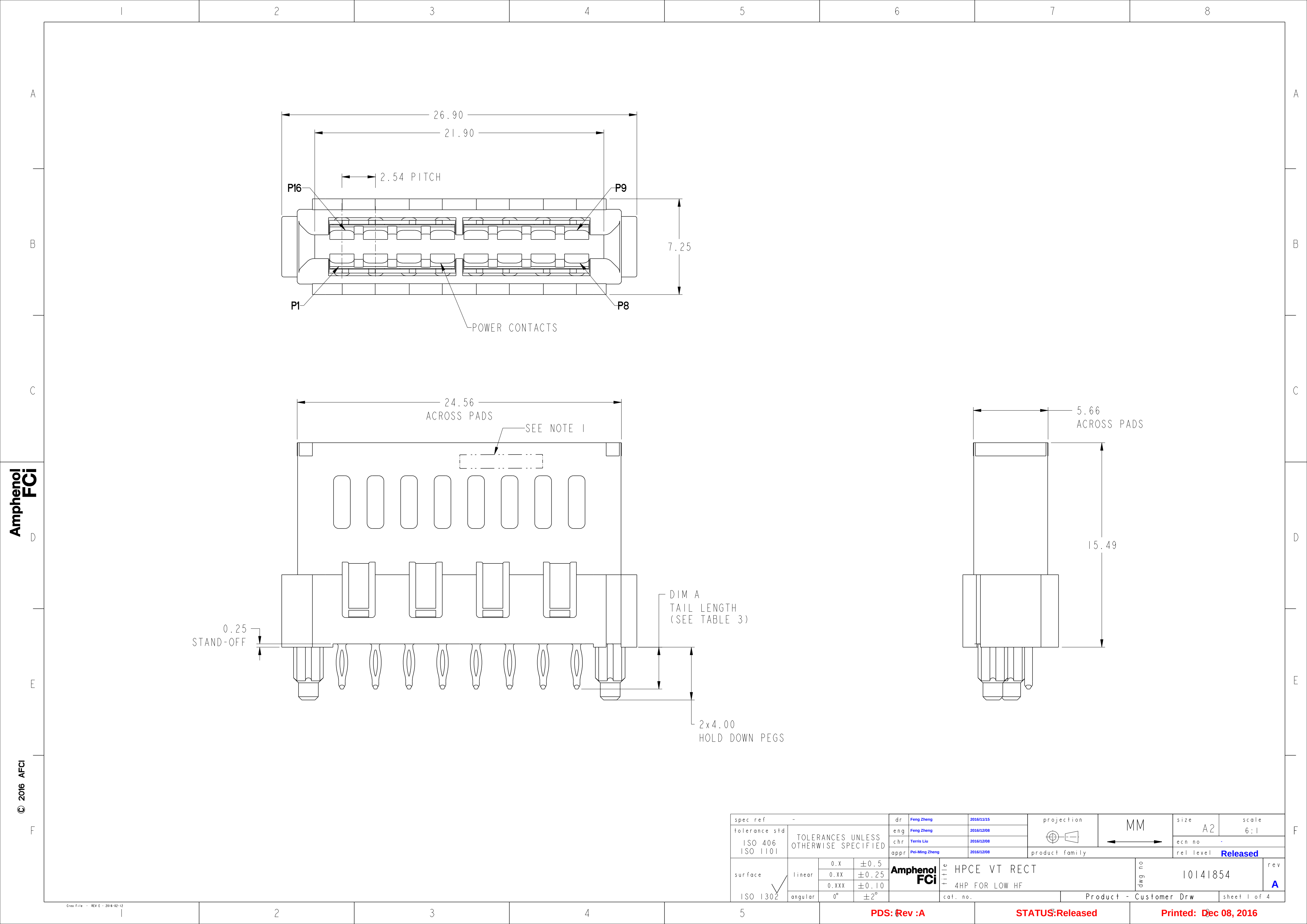




Amphenol
FCi

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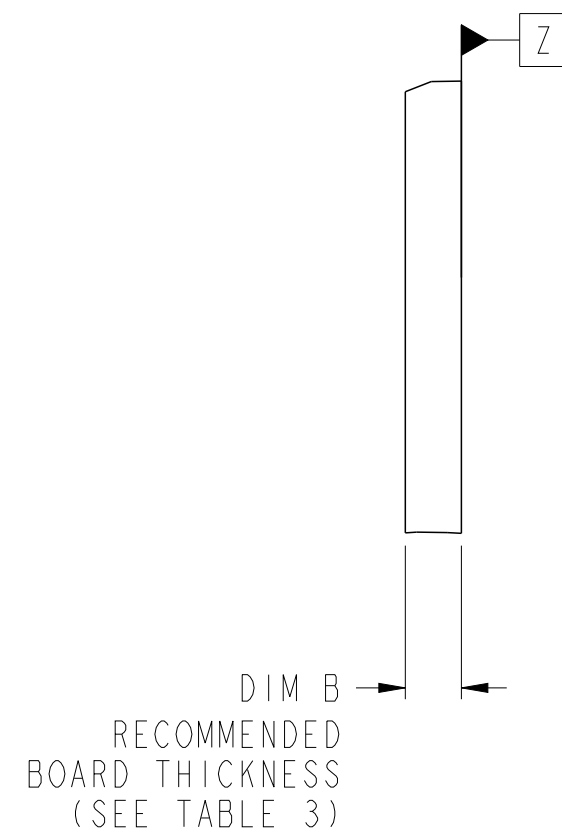
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tolerance std	ISO 406 ISO 1101	eng	Feng Zheng	2016/12/08	chr	Terris Liu	2016/12/08	ecn no	-	
surface	ISO 1302	appr	Pei-Ming Zheng	2016/12/08	product family	rel level				Released
linear	0.X ±0.5 0.XX ±0.25 0.XXX ±0.10	Amphenol FCi	title	HPCE VT RECT 4HP FOR LOW HF				dwg no	10141854	rev
angular	0° ±2°		cat. no.	Product - Customer Drw				sheet 1 of 4		

PDS: Rev :A

STATUS:Released

Printed: Dec 08, 2016

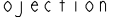
CONTACT TYPE	TOP LAYER DESCRIPTION	TABLE 2 (HPCE / PRESS-FIT TAILS) PLATED THROUGH-HOLE REQUIREMENTS				
		DRILLED HOLE DIAMETER	COPPER THICKNESS	TIN-LEAD THICKNESS	TIN THICKNESS	FINISHED HOLE DIAMETER
POWER & SIGNAL	TIN-LEAD	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	0.005 - 0.015	--	0.65 - 0.80
	IMMERSION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

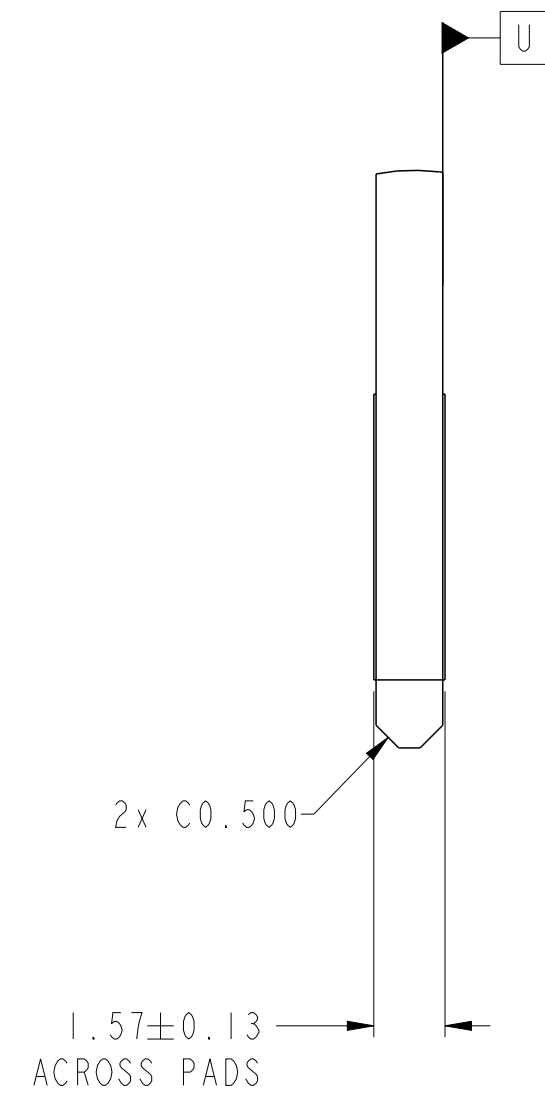


PDS: Rev :A

STATUS: Released

Printed: Dec 08, 2016

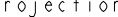
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tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Feng Zheng	2016/12/2008		ecn no		-							
ISO 406				chr	Terris Liu	2016/12/2008		rel level		Released							
ISO 1101				appr	Pei-Ming Zheng	2016/12/2008					product family						
surface			linear	0.X	±0.5	Amphenol FCI	title	HPCE VT RECT 4HP FOR LOW HF			dwg no	10141854		rev	A		
ISO 1302																0.XX	±0.25
			angular													0°	±0.10
				cat. no.		Product - Customer Drw				sheet 2 of 4							



PDS: Rev :A

STATUS: Released

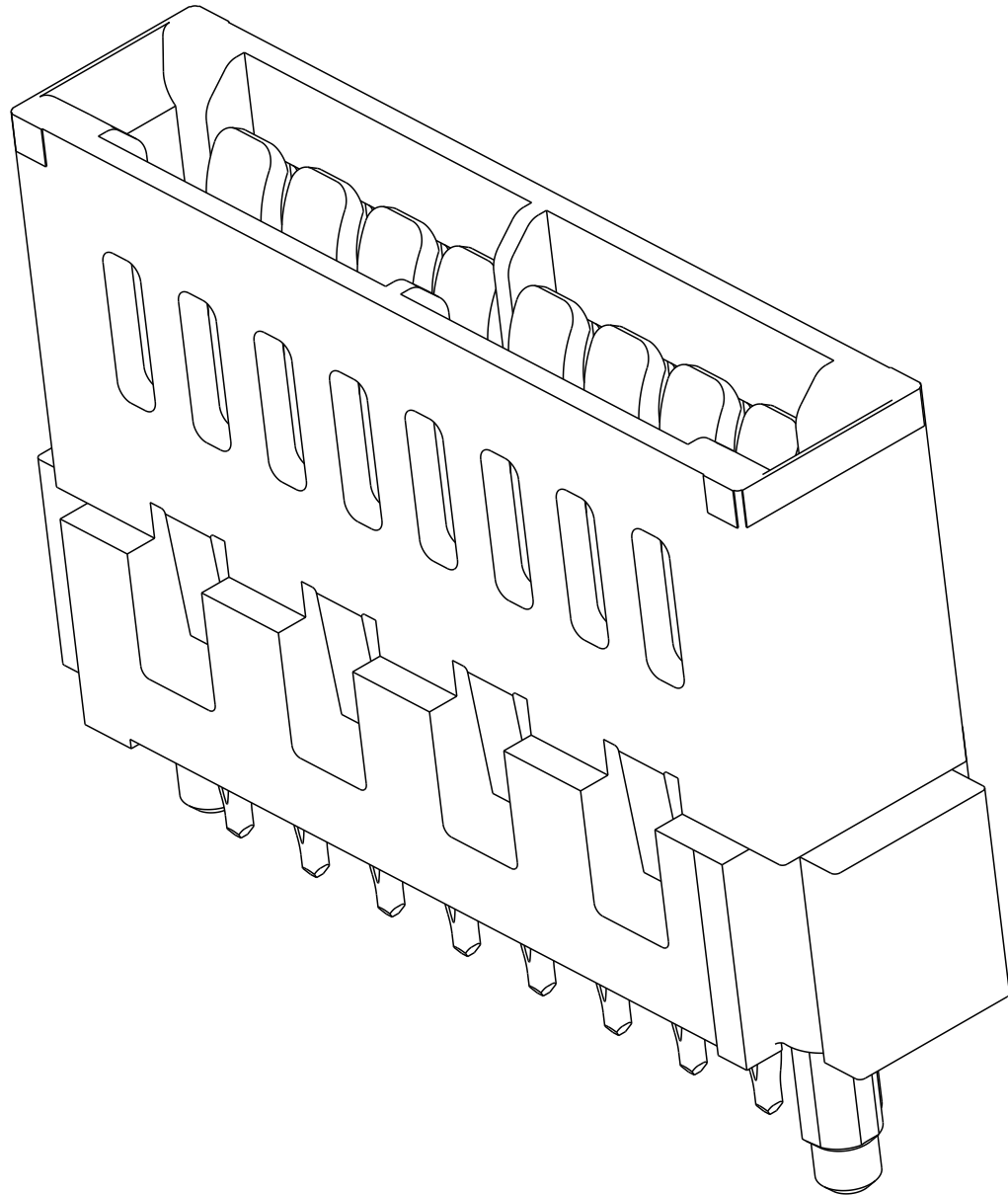
Printed: Dec 08, 2016

spec ref		-		dr		Feng Zheng		2016/11/15		projection				MM		size		A2		scale		6:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Feng Zheng		2016/12/08		product family				ecn no		-		rel level		Released			
ISO 406				chr		Terris Liu		2016/12/08						-									
ISO 1101				appr		Pei-Ming Zheng		2016/12/08															
surface		linear		0.X		±0.5		Amphenol FCI		title		HPCE VT RECT 4HP FOR LOW HF		dwg no		10141854		rev		A			
				0.XX		±0.25																	
				0.XXX		±0.10																	
ISO 1302		angular		0°		±2°				cat. no.		Product - Customer Drw		sheet 3 of 4									

HPCE PART NUMBER (TABLE 3)				
PART NUMBER	TAIL TYPE	ORIENTATION KEY	DIM A TAIL LENGTH	DIM B RECOMMENDED BOARD THICKNESS
I0141854-001HLF	SOLDER	NO	3.17 ±0.25	2.36±0.18
I0141854-002HLF	PRESS-FIT	NO	3.17 ±0.25	1.57 MIN

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 TEMPERATURE THERMOPLASTIC WITH GLASS FIBER, UL94V-0, BLACK.
CONTACT : COPPER ALLOY.
3. CONTACT FINISH REF: GS-12-604 SECTION 5.2.
4. DENOTES CONNECTOR KEEP OUT ZONE.
5. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZES.
6. MOUNTING HOLES ARE UNPLATED
Ø2.40 +/- 0.1 FOR PRESS FIT TAILS
Ø2.18 +/- 0.03 FOR SOLDER TAILS
7. THE HOUSING WILL WITHSTAND EXPOSURE TO 245°C PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION.
8. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004.
9. PRODUCT SPECIFICATION : GS-12-604.
APPLICATION SPECIFICATION : GS-20-128.
PACKAGING SPECIFICATION: GS-14-937.
- 10.PRESS FIT APPLICATION TOOL DRAWING:I0119453.



spec ref -		dr Feng Zheng		2016/11/15		projection	MM	size A2		scale 6:1		
tolerance std		eng Feng Zheng		2016/12/08				ecn no -				
ISO 406		chr Terris Liu		2016/12/08				rel level Released				
ISO 1101		appr Pei-Ming Zheng		2016/12/08		product family						
surface ISO 1302		linear 0.X ±0.5 0.XX ±0.25 0.XXX ±0.10 angular 0° ±2°		Amphenol FCI		title HPCE VT RECT 4HP FOR LOW HF		dwg no I0141854		rev A		
						cat. no.		Product - Customer Drw		sheet 4 of 4		