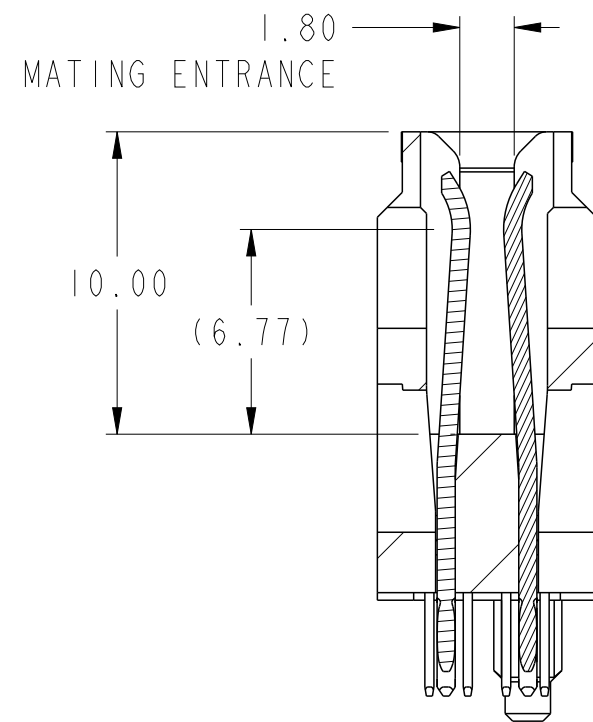
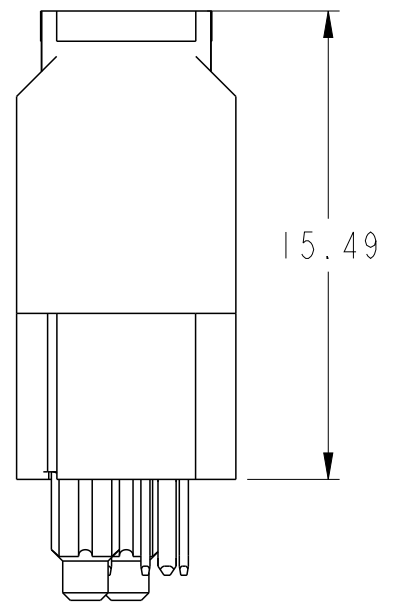
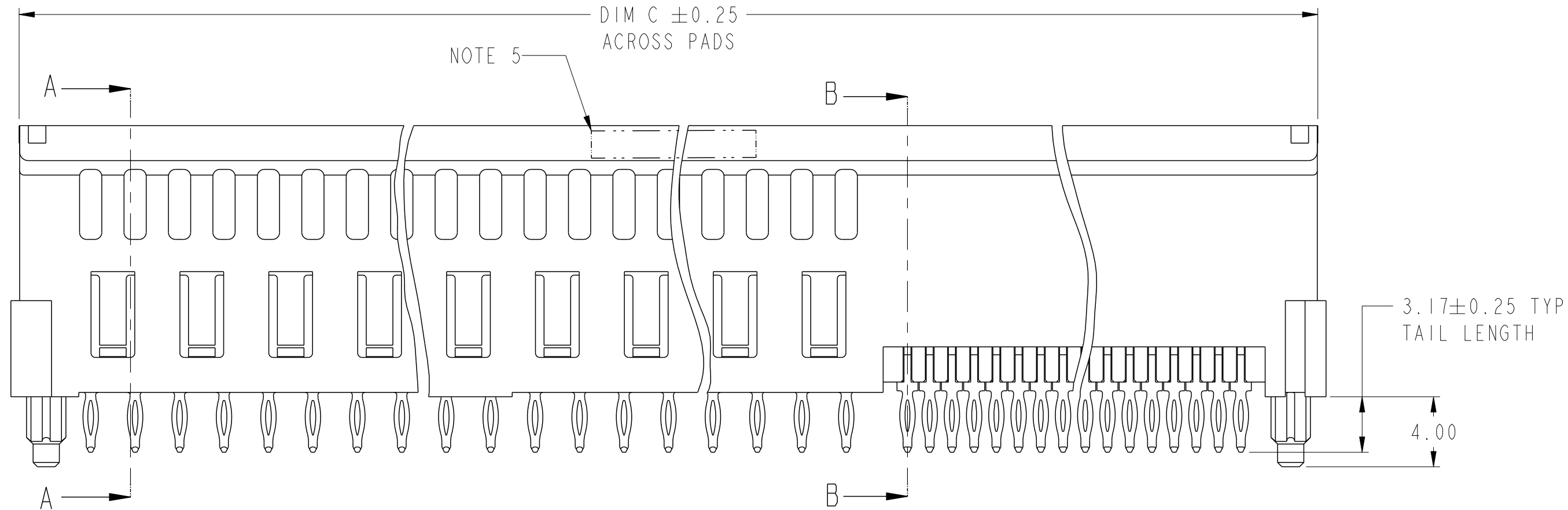
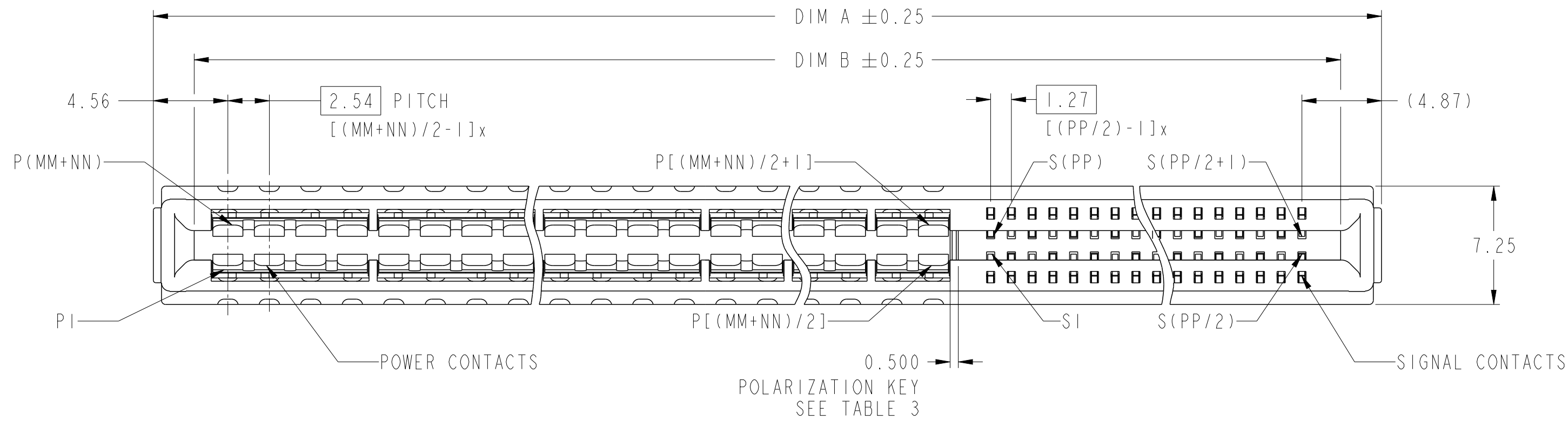
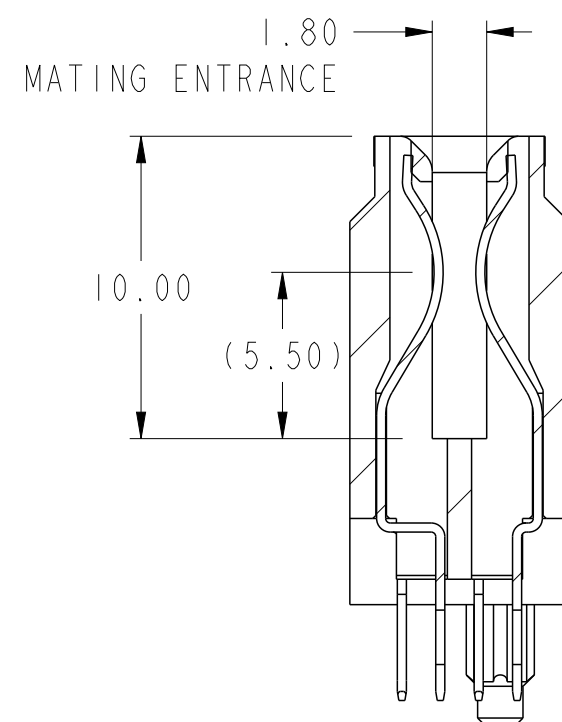
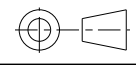
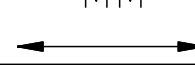


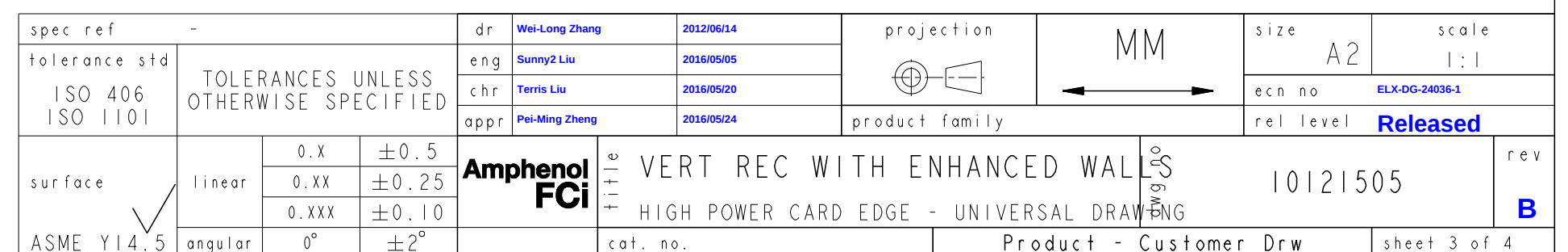


SECTION A-A
SCALE 4:1



SECTION B-B
SCALE 4:1

spec ref -		dr Wei-Long Zhang		2012/06/14		projection 	MM 	size A2	scale 1:1				
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng Sunny2 Liu	2016/05/05		ecn no ELX-DG-24036-1			rel level Released					
		chr Terris Liu	2016/05/20										
		appr Pei-Ming Zheng	2016/05/24										
product family													
surface 	linear	0.X	±0.5	Amphenol FCI	title VERT REC WITH ENHANCED WALLS HIGH POWER CARD EDGE - UNIVERSAL DRAWING	PDS: Rev :B	STATUS:Released	Printed: May 24, 2016	sheet 1 of 4				
		0.XX	±0.25										
		0.XXX	±0.10										
		ASME Y14.5	angular							0°	±2°		
cat. no.										Product - Customer Drw		sheet 1 of 4	



10121505 - MM NN PP LF

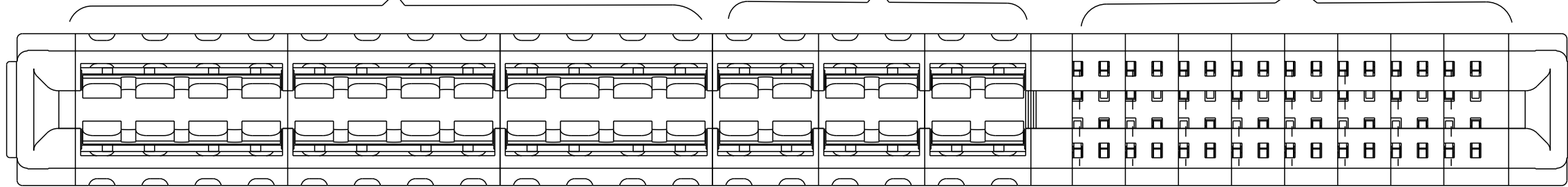
LEAD FREE

	A	B	C	D
Polarization Key Option	Y	Y	N	N
Tail Type Note 12	STB	PF	STB	PF

QUAD PWR BEAM QTY
(NEXT TO LEFT END)

DUAL PWR BEAM QTY
(NEXT TO SIGNAL)

SIGNAL CONTACT QTY



Example: The configuration above is 10121505-241232BLF
VERT Press fit 36P32S with polarization key. 24P is Quad beam contact, 12P is dual beam contact.

TABLE 3. PART NUMBER CODE. HPCE VERT P+S CONFIG

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.

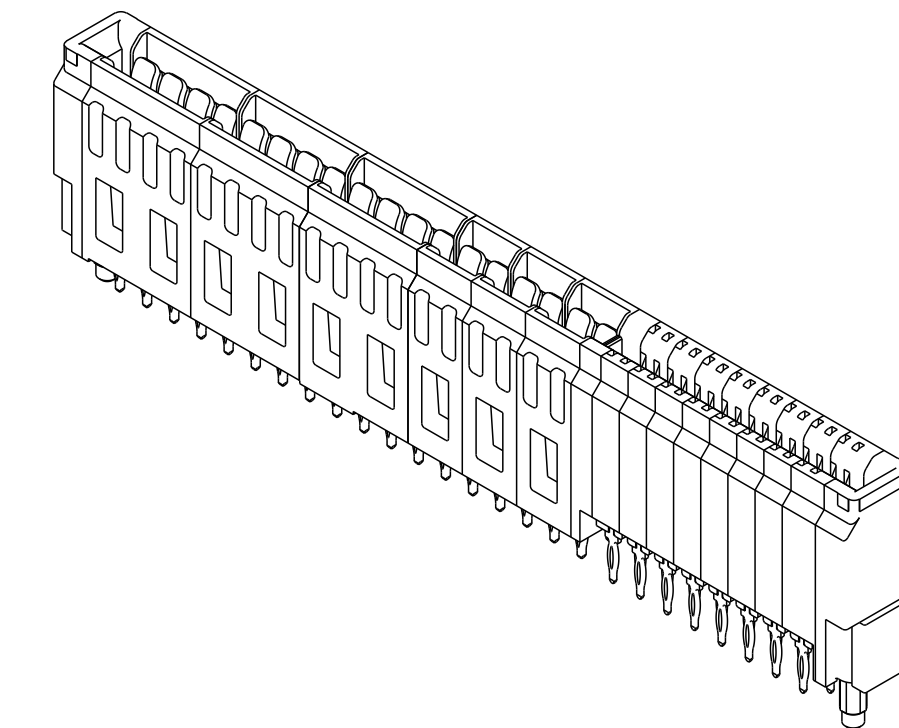
10. MOUNTING HOLES ARE UNPLATED
Ø 2.40 +/- 0.1 FOR PRESS-FIT TAILS
Ø 2.18 +/- 0.03 FOR SOLDER TAILS

11. PRESS FIT APPLICATION TOOL DRAWING : 10119453.

12. STB= Solder to board, 1.57-2.38mm PCB thickness.
PF = Press fit, 1.57mm minimum PCB thickness.

13. MAXIMUM OVERALL LENGTH IS 100mm.

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



DIM	TABLE 2. LENGTH FORMULAS.
DIM A	(13) (MM/8)X10.16+ (NN/4)X5.08 + (PP/2)X1.27 + 9.12
DIM B	DIM "A" - 5.00
DIM C	DIM "A" - 0.94
DIM D	DIM "A" - 4.04
DIM E	DIM "A" - 5.30
DIM F	(MM/8-1)x10.16 + (NN/4-1)x5.08 + 13.34 (WITH 4 BEAM CONTACT)
	3.18 (WITHOUT 4 BEAM CONTACT)

spec ref		-		dr		Wei-Long Zhang		2012/06/14		projection		MM		size		A2		scale		1:1			
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Sunny2 Liu		2016/05/05						ecn no		ELX-DG-24036-1							
ISO 406				chr		Terris Liu		2016/05/29						rel level		Released							
ISO 1101				appr		Pei-Ming Zheng		2016/05/24						product family									
surface		linear		0.X		±0.5		Amphenol FCI		title		VERT REC WITH ENHANCED WALLS		10121505		rev		B					
ASME Y14.5		0.XX		±0.25		cat. no.														Product - Customer Drw		sheet 4 of 4	
		0.XXX		±0.10																			
		angular		0°		±2°																	

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

FCI / Amphenol:

<u>10121505-320030BLF</u>	<u>10121505-480022DLF</u>	<u>10121505-001230DLF</u>	<u>10121505-320008BLF</u>	<u>10121505-000416CLF</u>
<u>10121505-480022CLF</u>	<u>10121505-001230BLF</u>	<u>10121505-320440BLF</u>	<u>10121505-003212CLF</u>	<u>10121505-000420CLF</u>
<u>10121505-320424DLF</u>	<u>10121505-080016CLF</u>	<u>10121505-320024ALF</u>	<u>10121505-001212BLF</u>	<u>10121505-320024DLF</u>
<u>10121505-320424CLF</u>	<u>10121505-160044BLF</u>	<u>10121505-000812DLF</u>	<u>10121505-480436ALF</u>	<u>10121505-480044ALF</u>
<u>10121505-000812CLF</u>				