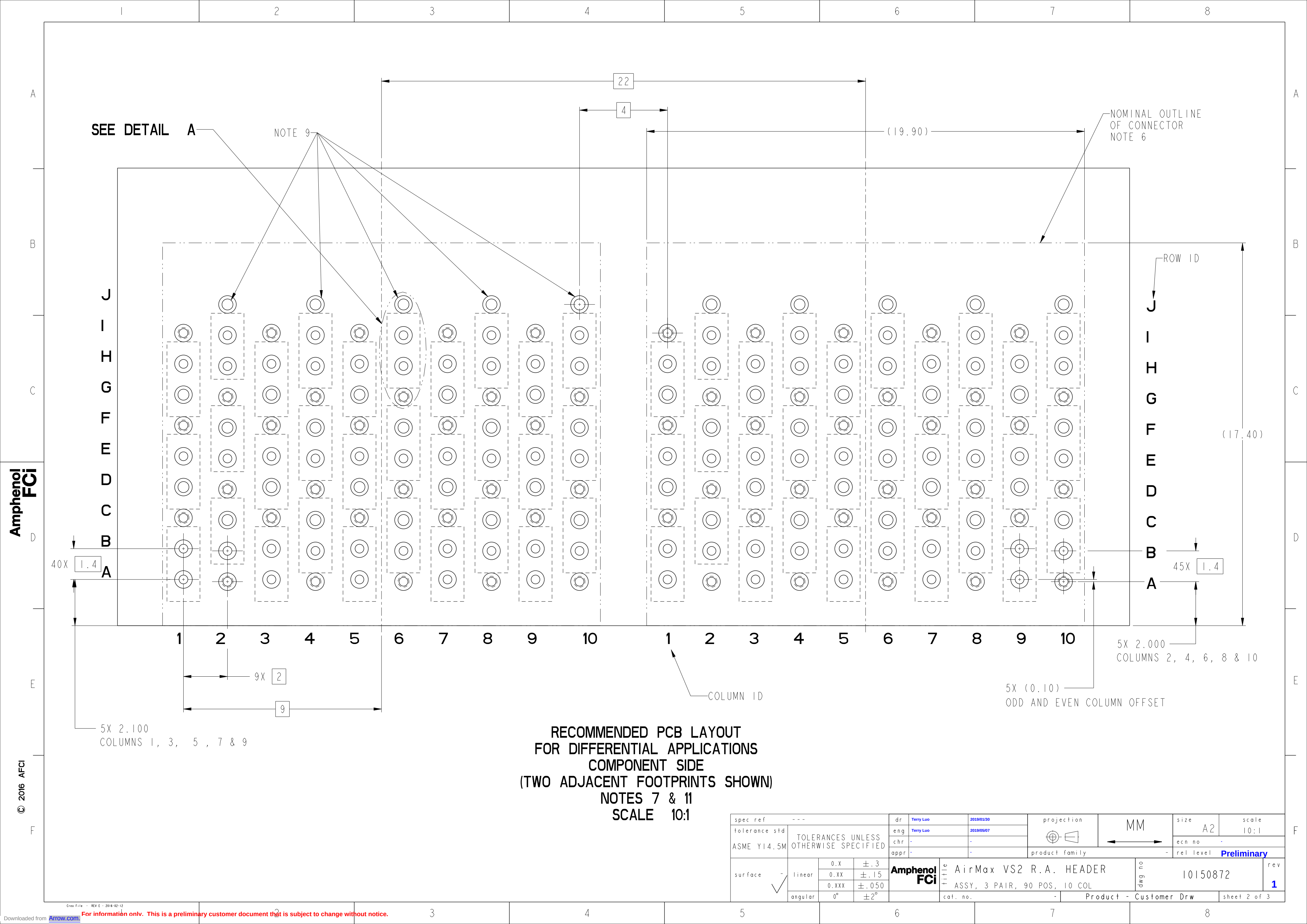


spec ref			---		dr Terry Luo		2019/01/30		projection		size A2		scale 6:1	
tolerance std			TOLERANCES UNLESS OTHERWISE SPECIFIED		eng Terry Luo		2019/05/07							
ASME Y14.5M					chr -		-				ecn no -			
					appr -		-		product family AirMax VSE		rel level Preliminary			
surface ✓			linear		0.X ±.3		Amphenol FCI		title AirMax VS2 R.A. HEADER		dwg no 10150872		rev	
					0.XX ±.15				ASSY, 3 PAIR, 90 POS, 10 COL				1	
					0.XXX ±.050									
			angular		0° ±2°		cat. no. -		Product- Customer Drw		sheet 1 of 3			



RECOMMENDED PCB LAYOUT
FOR DIFFERENTIAL APPLICATIONS
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTES 7 & 11
SCALE 10:1

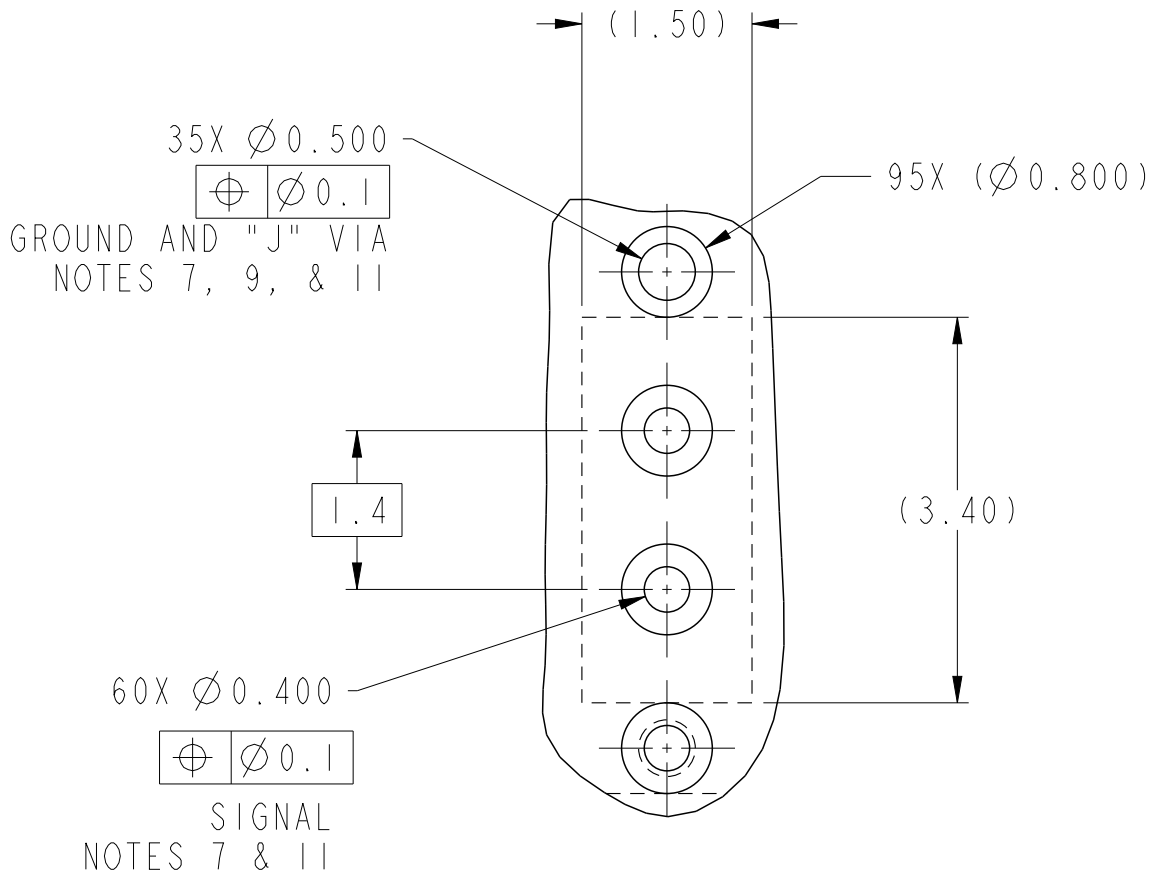
spec ref ---			dr Terry Luo	2019/02/30	projection MM	size A2	scale 10:1
tolerance std ASME Y14.5M			eng Terry Luo	2019/05/07		ecn no -	
TOLERANCES UNLESS OTHERWISE SPECIFIED			chr -	-		rel level Preliminary	
			appr -	-			
surface	linear	0.X	±.3	Amphenol FCI title AirMax VS2 R.A. HEADER ASSY, 3 PAIR, 90 POS, 10 COL	cat. no. -	Product - Customer Drw	sheet 2 of 3
		0.XX	±.15				
		0.XXX	±.050				
	angular	0°	±2°				
			dwg no 10150872		rev 1		

Amphenol FCI

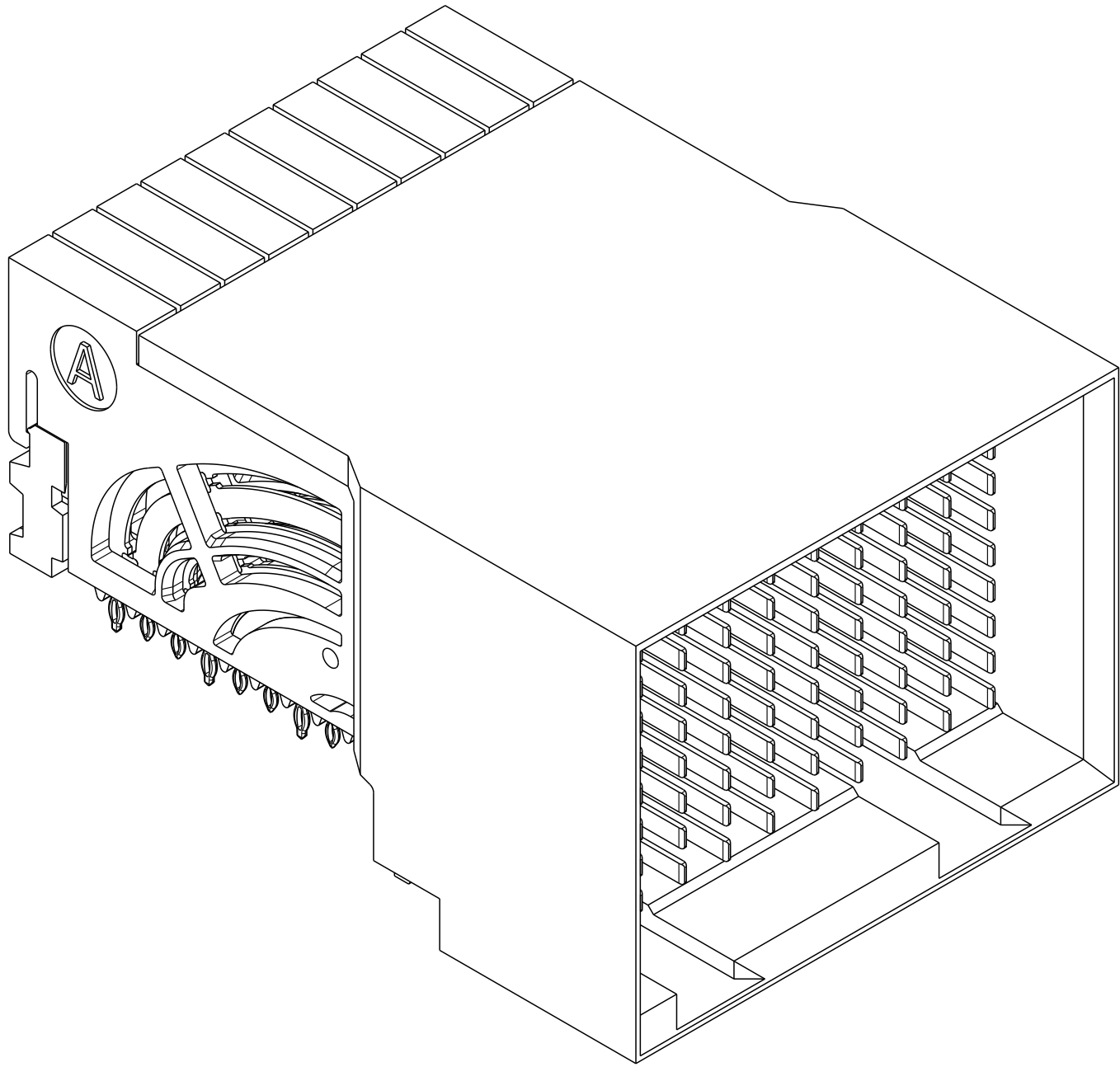
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PRODUCT NUMBER	PRESS-FIT TAIL PLATING TYPE	REMARK
10150872-101LF	TIN OVER NICKEL (LEAD FREE)	1-SIDE PLATING (CUSTOMER SPECIAL)
10150872-102LF	TIN OVER NICKEL (LEAD FREE)	2-SIDE PLATING

- 1 - CONNECTOR MATERIALS:
HOUSING: HIGH TEMP THERMOPLASTIC, NATURAL, UL94-V0
IMLA PLASTIC: HIGH TEMP THERMOPLASTIC, BLACK, UL94-V0
CONTACT: COPPER ALLOY
ORGANIZER: HIGH TEMP THERMOPLASTIC, NATURAL, UL94-V0
- 2 - CONTACT PLATING:
SEPARABLE INTERFACE:
PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-0956 INCLUDING TELCORDIA GR-1217-CORE (NOVEMBER 1995) CENTRAL OFFICE TEST SEQUENCE
- PRESS-FIT TAILS: SEE TABLE
- 3 - PRODUCT SPECIFICATION: GS-12-0956
- 4 - APPLICATION SPECIFICATION: GS-20-0305
- 5 - PRODUCT MARKING, (PROTOTYPE, PART NUMBER & LOT CODE), ON THIS SURFACE.
- 6 - CONNECTOR OUTLINE MAY BE SCREEN PRINTED ONTO CUSTOMER PCB TO BE USED AS A GUIDE FOR CONNECTOR PLACEMENT.
- 7 - REFER TO CUSTOMER DRAWING 10104444 FOR INFORMATION ON PCB HOLE DIAMETERS AND PLATING OPTIONS
- 8 - LEAD FREE PRODUCT MEETS THE EUROPEAN UNION DIRECTIVES & OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008
- 9 - THESE OUTER VIAS (J) ARE OPTIONAL. WHILE NO CONNECTOR EONS ARE PRESSED INTO THESE HOLES WE RECCOMEND (Ø0.500) FINISHED HOLES AT THESE LOCATIONS TO PROVIDE GROUND SYMMETRY THROUGH THE PCB.
- 10 - PACKAGING MEETS GS-14-920 LEAD FREE LABELING SPECIFICATION.
- 11 - GROUND CONTACTS (C, F, & I IN ODD COLUMNS AND A, D, & G IN EVEN COLUMNS) REQUIRE (Ø0.50) FINISHED HOLES. SIGNAL LOCATIONS REQUIRE (Ø0.40) FINISHED HOLES



DETAIL A
SCALE 15:1



10150872-101LF & 102LF

spec ref	---	dr	Terry Luo	2019/02/30	projection	MM	size	A2	scale	5:1
tolerance std	ASME Y14.5M	eng	Terry Luo	2019/05/07	chr	-	ecn no	-		
	TOLERANCES UNLESS OTHERWISE SPECIFIED	appr	-	-	product family	AirMax VSE	rel level	Preliminary		
surface	linear	0.X	±.3		Amphenol FCi	title	AirMax VS2 R.A. HEADER ASSY, 3 PAIR, 90 POS, 10 COL	dwg no	10150872	rev
		0.XX	±.15							
		0.XXX	±.050							
	angular	0°	±2°		cat. no.	-	Product - Customer Drw	sheet 3 of 3		