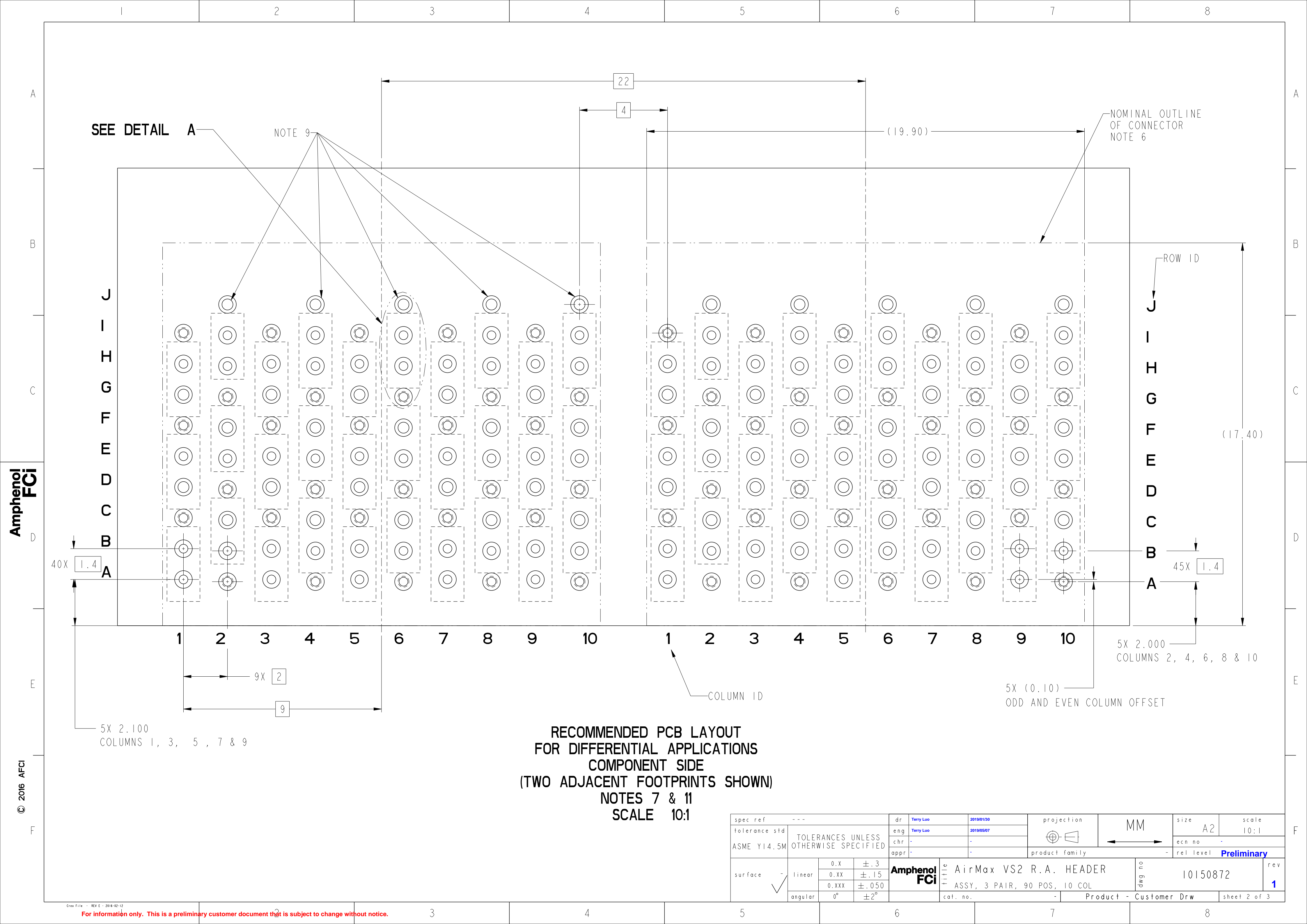




spec ref				---		dr		Terry Luo		2019/01/30		projection		<div>MM</div>		size		A2		scale		6:1							
tolerance std				ASME Y14.5M		eng		Terry Luo		2019/05/07		<div></div>		ecn no		-													
TOLERANCES UNLESS OTHERWISE SPECIFIED						chr		-		-		product family										AirMax VSE		rel level		Preliminary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

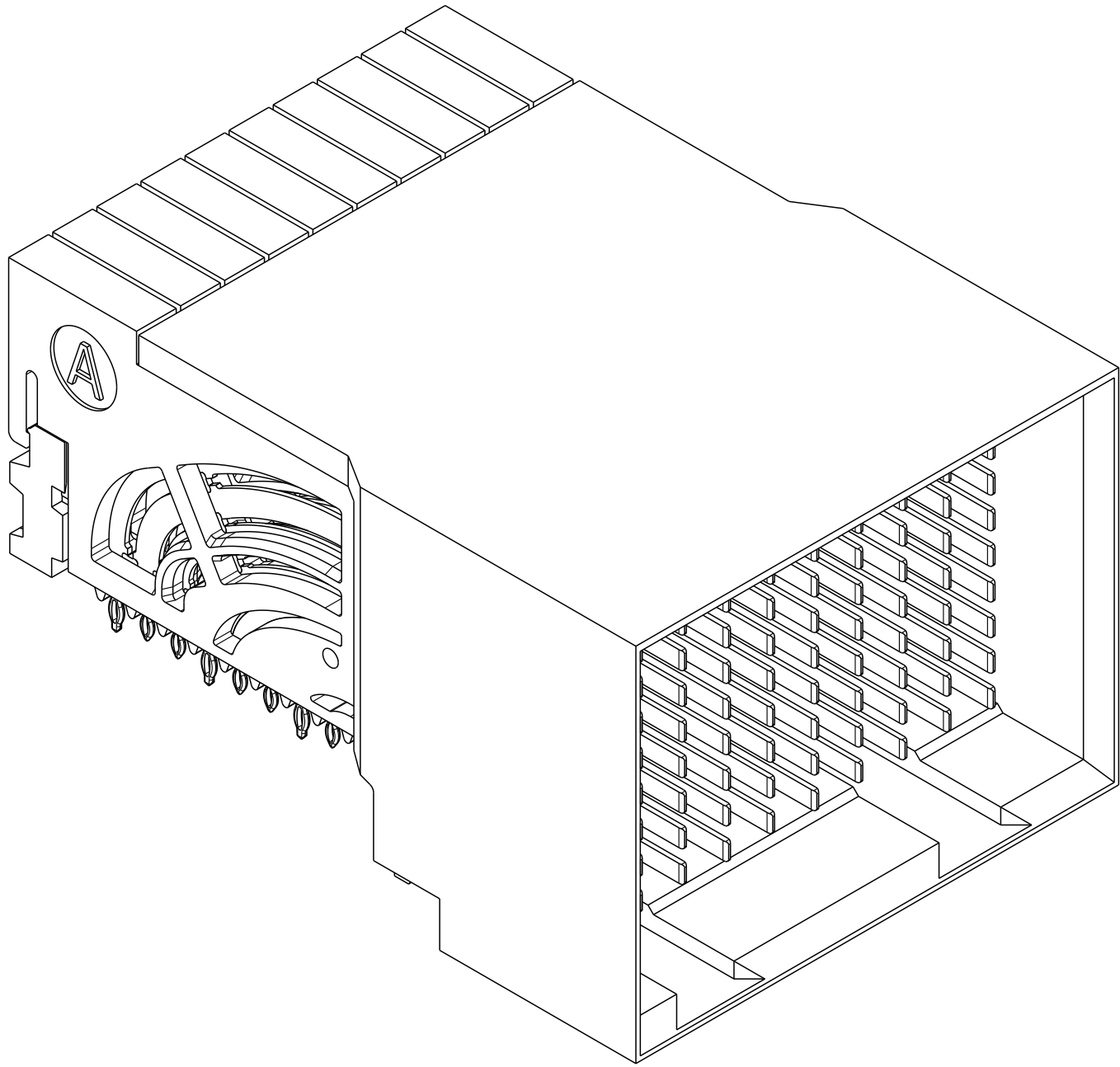
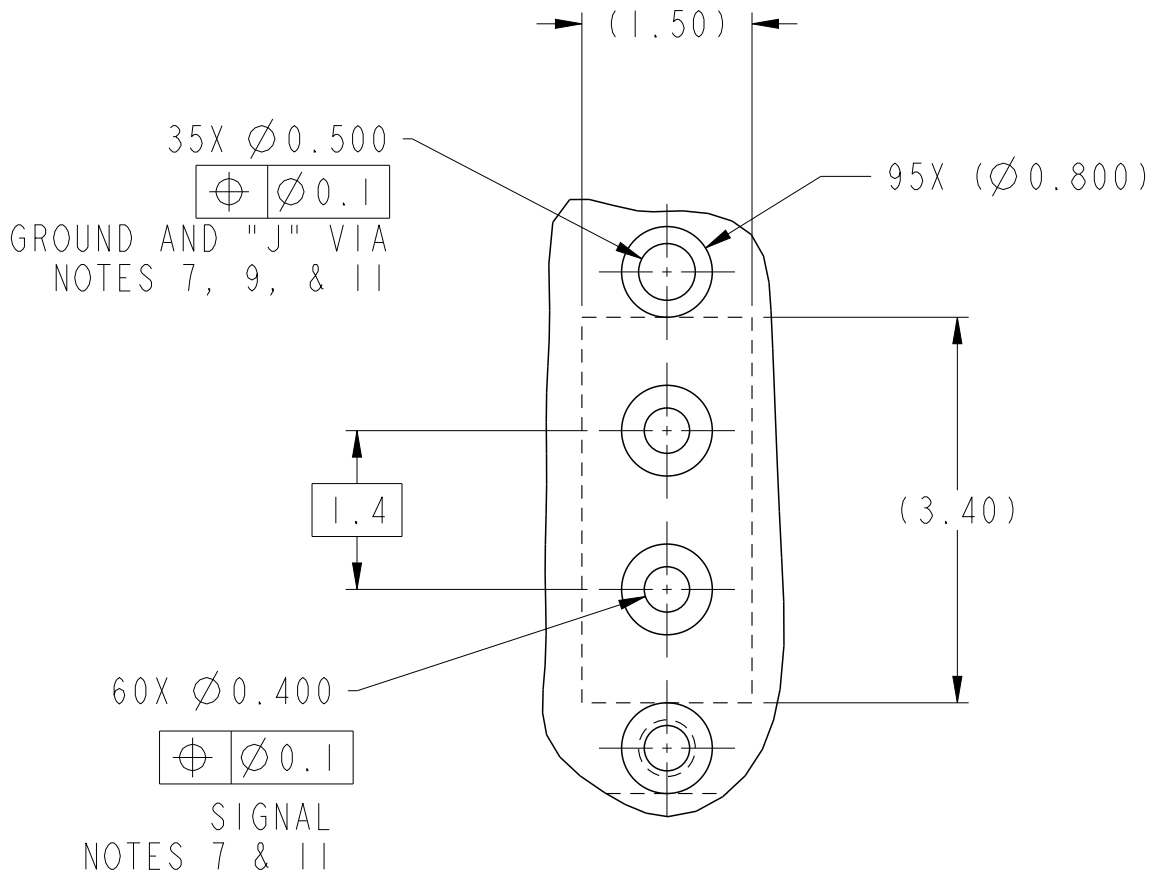
spec ref		---		dr	Terry Luo		2019/01/30		projection		<div>MM</div>		size	A2		scale	10:1														
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Terry Luo		2019/05/07		<div></div>		<div></div>		ecn no		-		rel level		Preliminary												
chr	-			-																											
appr	-		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

Amphenol  
FCI

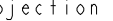


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PRODUCT NUMBER	PRESS-FIT TAIL PLATING TYPE	REMARK
10150872-101LF	TIN OVER NICKEL (LEAD FREE)	1-SIDE PLATING (CUSTOMER SPECIAL)
10150872-102LF	TIN OVER NICKEL (LEAD FREE)	2-SIDE PLATING

- 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



10150872-101LF & 102LF

spec ref		---		dr		Terry Luo		2019/01/30		projection				MM		size		A2		scale		5:1																							
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Terry Luo		2019/05/07						ecn no		rel level		-		-		-																							
ASME Y14.5M				chr		-		-																																					
				appr		-		-																																					
										product family										AirMax VSE																									
surface		linear		0.X		±.3		Amphenol FCI		title		AirMax VS2 R.A. HEADER										dwg no		10150872										rev		1									
																																						0.XX		±.15					
																																										0.XXX		±.050	