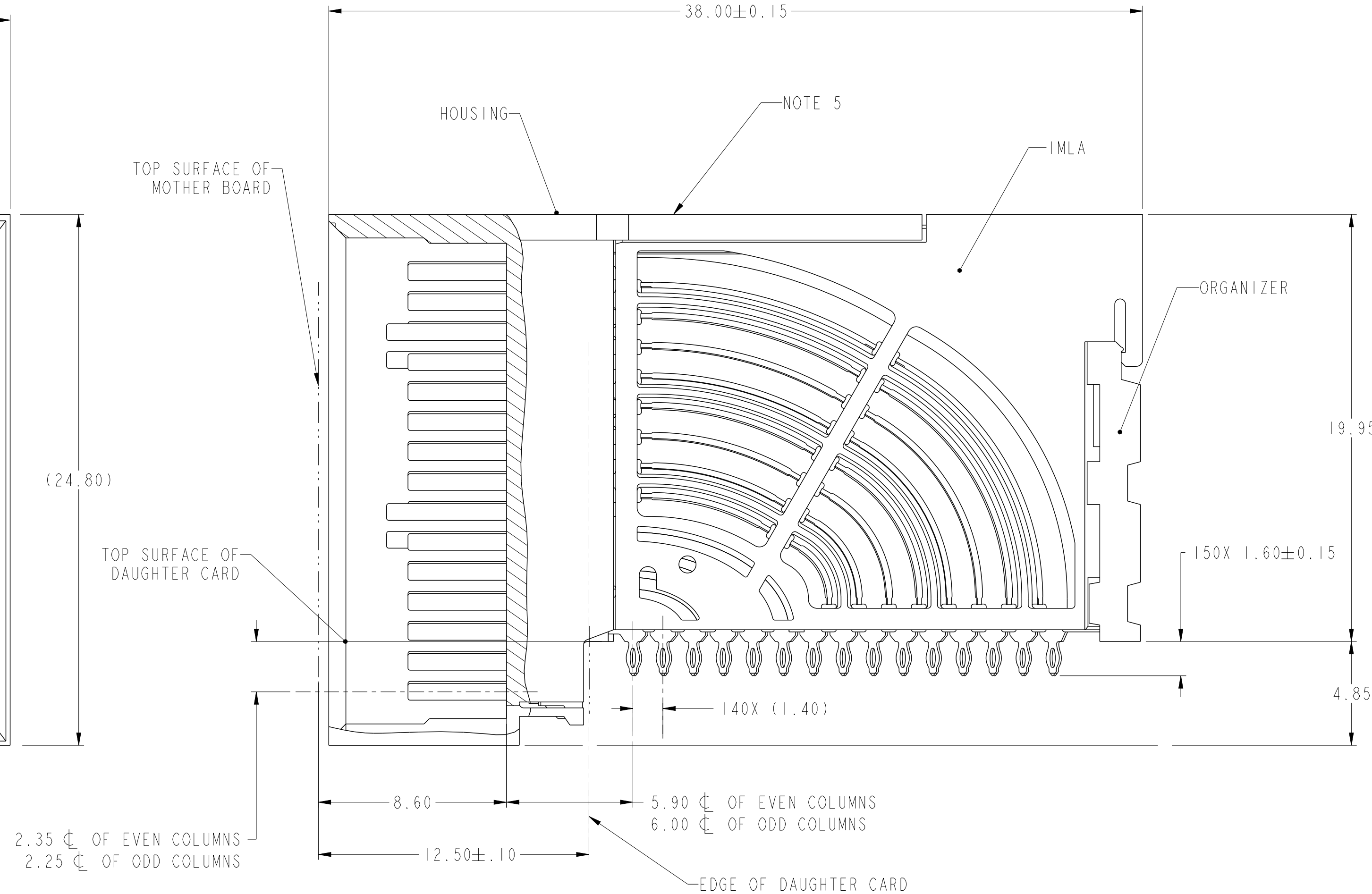
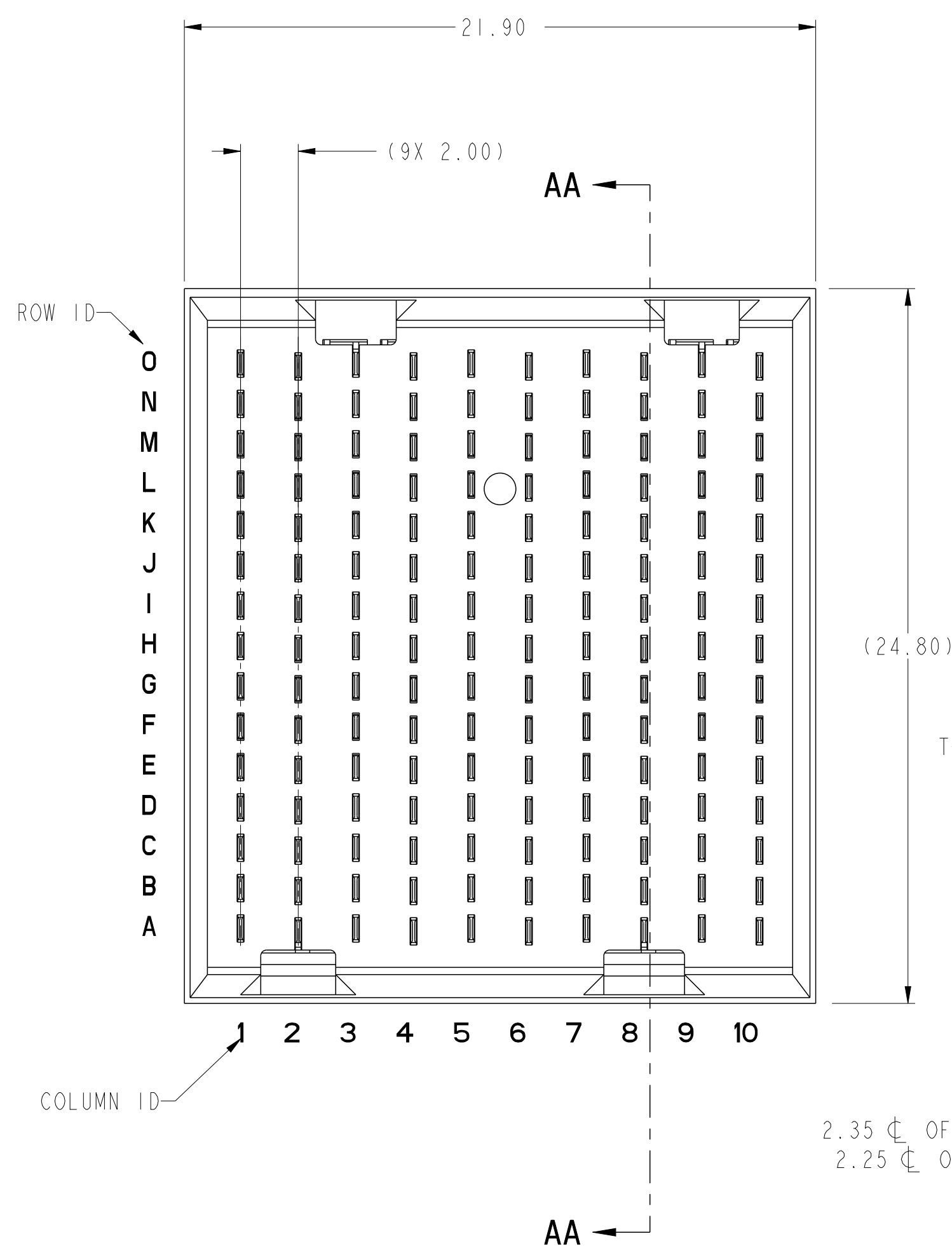


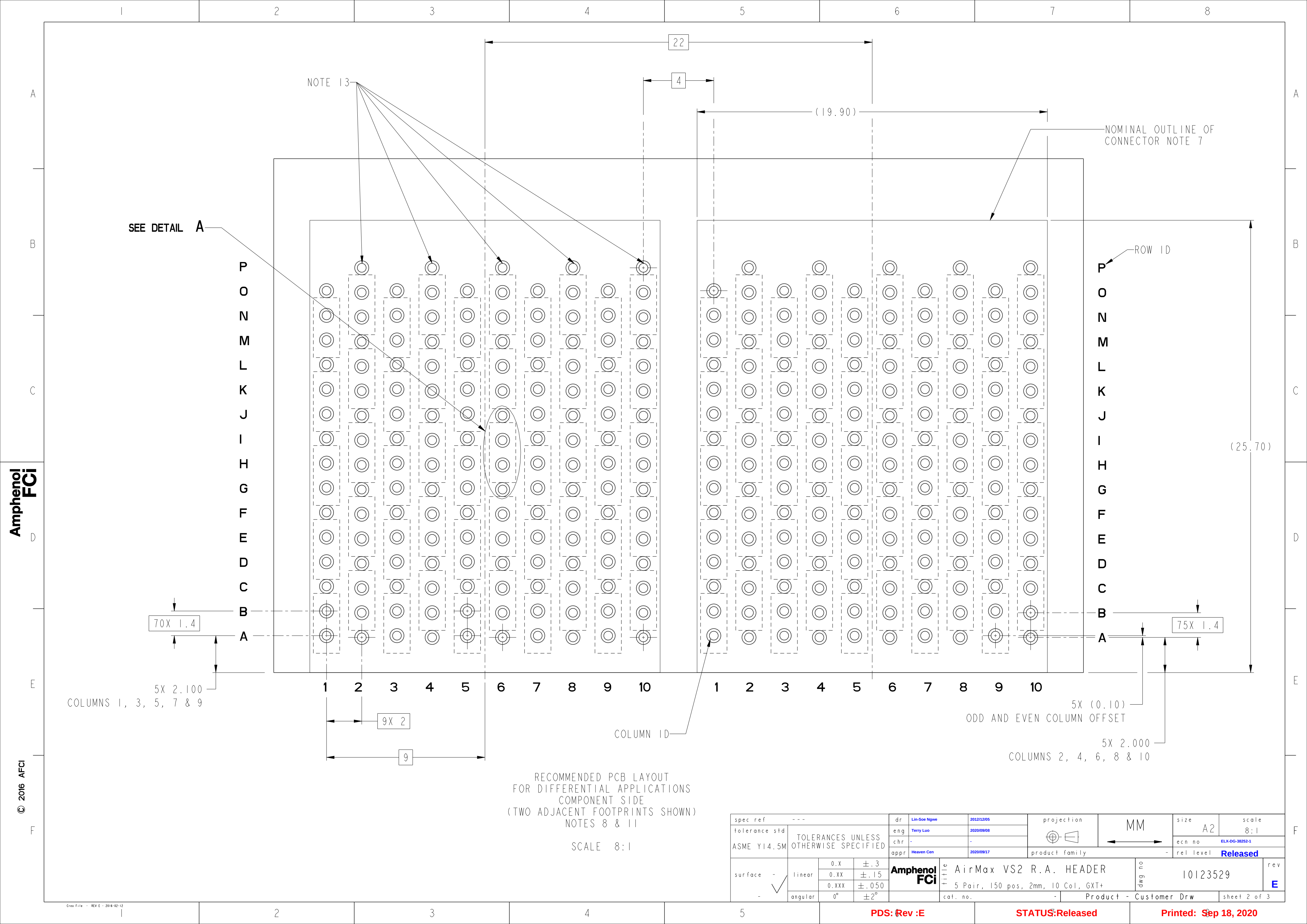
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FCi

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SECTION AA-AA

spec ref		---		dr		Lin-See Ngwe		2012/12/05		projection		size		scale			
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Terry Luo		2020/09/08				MM		A2 10:1			
ASME Y14.5M				chr		-		-									
				appr		Heaven Cen		2020/09/17		product family		-		ecn no ELX-DG-38252-1			
												rel level		Released			
surface		linear		Amphenol FCI		AirMax VS2 R.A. HEADER						dwg no		10123529			
						5 Pair, 150 pos, 2mm, 10 Col, GXT+											
		angular				cat. no.		-		Product - Customer Drw						sheet 1 of 3	



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RECOMMENDED PCB LAYOUT
FOR DIFFERENTIAL APPLICATIONS
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTES 8 & 11

SCALE 8:1

spec ref	---	dr	Lin-Soe Ngwe	2012/12/05	projection	MM	size	A2	scale	8:1
tolerance std	ASME Y14.5M	eng	Terry Luo	2020/09/08	chr	-	ecn no	ELX-DG-38252-1	rel level	Released
surface	-	appr	Heaven Cen	2020/09/17	product family	-	cat. no.	-	Product - Customer Drw	sheet 2 of 3
linear	0.X 0.XX 0.XXX	±.3 ±.15 ±.050	Amphenol FCi	title	AirMax VS2 R.A. HEADER		dwg no	10123529		rev
angular	0°	±2°								E

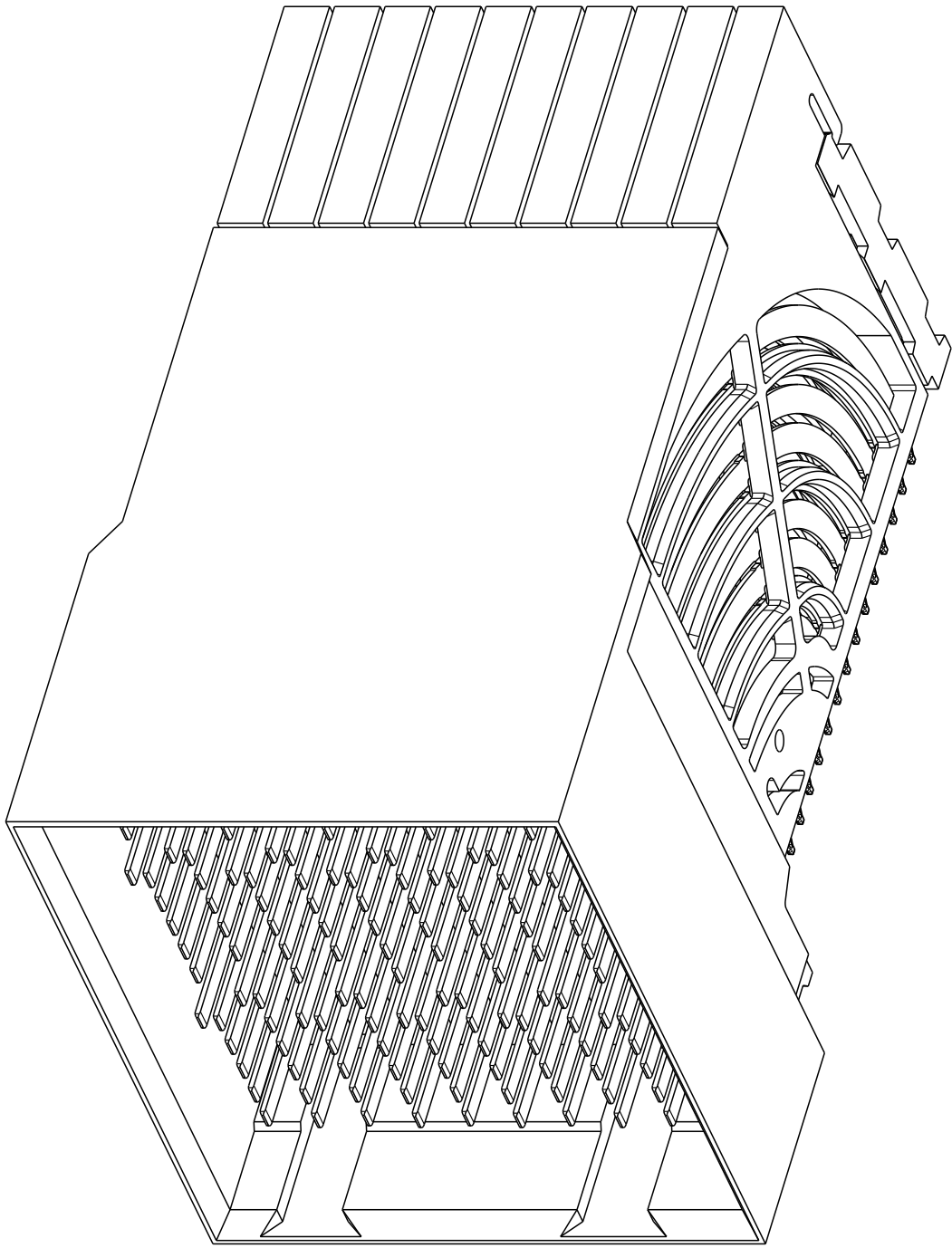
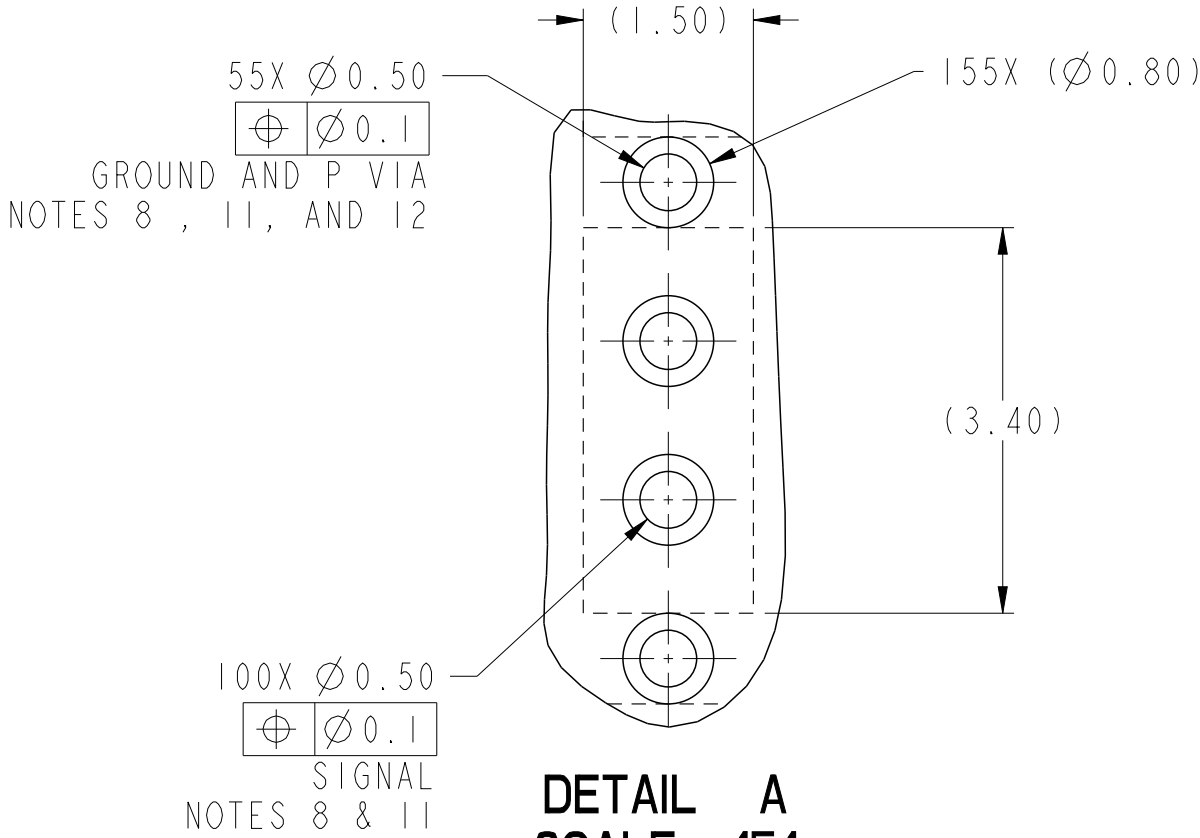
PDS: Rev :E

STATUS:Released

Printed: Sep 18, 2020

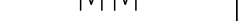
PRODUCT NUMBER	PRESS-FIT TAIL PLATING TYPE	REMARK
10123529-101	TIN/LEAD ALLOY OVER NICKEL	1-SIDE PLATING (CUSTOMER SPECIAL)
10123529-101LF	TIN OVER NICKEL (LEAD FREE)	
10123529-102	TIN/LEAD ALLOY OVER NICKEL	2-SIDE PLATING
10123529-102LF	TIN OVER NICKEL (LEAD FREE)	

- 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 - POSITIONS "F" AND "L" OF ODD NUMBERED COLUMNS AND POSITIONS "G" AND "M" OF EVEN NUMBERED COLUMNS CORRESPOND TO EARLY MATE HEADER PINS.
- 7 - CONNECTOR OUTLINE MAY BE SCREEN PRINTED ONTO CUSTOMER PCB TO BE USED AS A GUIDE FOR CONNECTOR PLACEMENT.
- 8 - REFER TO CUSTOMER DRAWING 10104444 FOR INFORMATION ON PCB HOLE DIAMETERS AND PLATING OPTIONS
- 9 - LEAD FREE PRODUCT MEETS THE EUROPEAN UNION DIRECTIVES & OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008
- 10 - PACKAGING MEETS GS-14-920 LEAD FREE LABELING SPECIFICATION.
- 11 - GROUND CONTACTS (C, F, I, L, & O IN ODD COLUMNS AND A, D, G, J, & M IN EVEN COLUMNS) REQUIRE (Ø0.50) FINISHED HOLES. SIGNAL LOCATIONS REQUIRE (Ø0.50) FINISHED HOLES
- 12 - THESE OUTER VIAS (P) ARE OPTIONAL. WHILE NO CONNECTOR EONS ARE PRESSED INTO THESE HOLES WE RECCOMMEND (Ø0.500) FINISHED HOLES AT THESE LOCATIONS TO PROVIDE GROUND SYMMETRY THROUGH THE PCB.
- 13 - A  SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE, WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.



10123529-101 OR -101LF
10123529-102 OR -102LF

SCALE 4:1

spec ref		---		dr	Lin-Soe Ngwe	2012/12/05	projection 	MM 	size	A2	scale	10:1
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng			Terry Luo	2020/09/08	ecn no	ELX-DG-38252-1
ASME Y14.5M		chr	-	appr	Heaven Cen	2020/09/17			product family		-	rel level
surface - 	linear	0.X	±.3	Amphenol FCi	title AirMax VS2 R.A. HEADER 5 Pair, 150 pos, 2mm, 10 Col, GXT+				dwg no 10123529	rev E		
		0.XX	±.15									
	0.XXX	±.050	cat. no. -								Product - Customer Drw	
-	angular	0°	±2°									