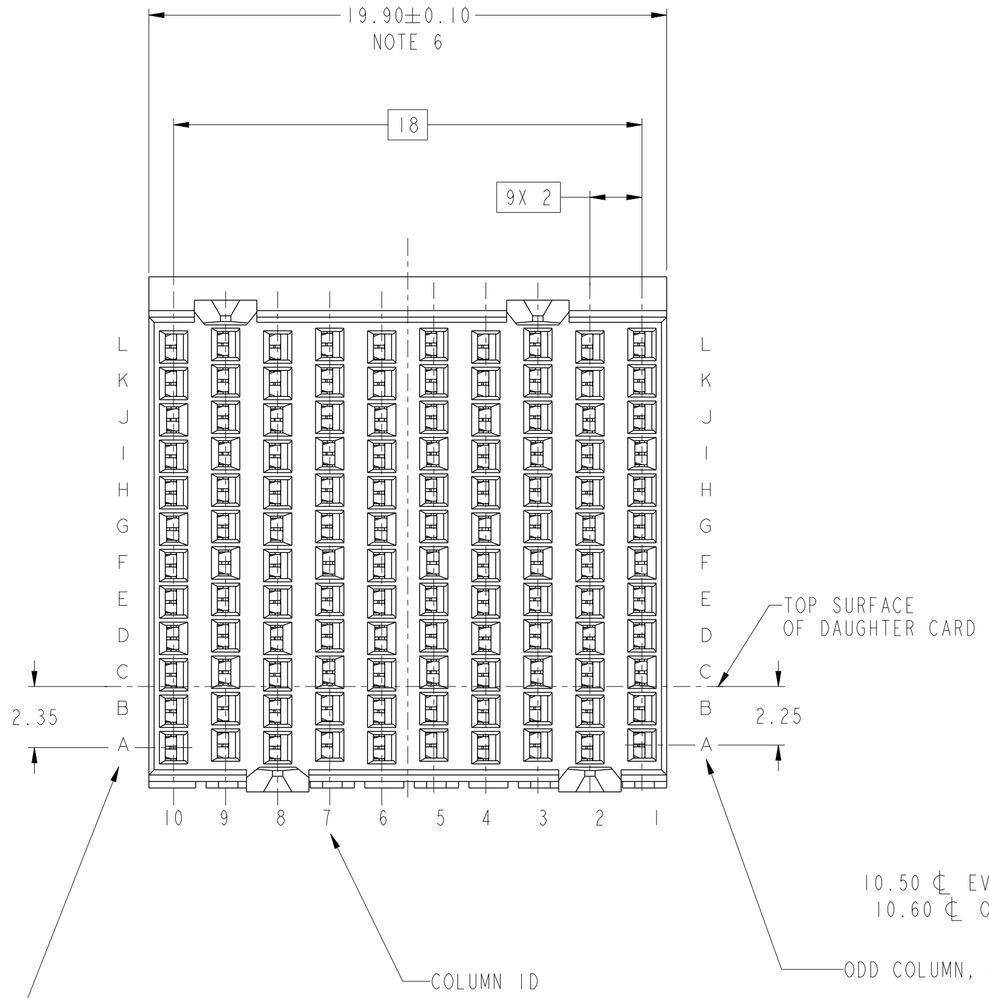
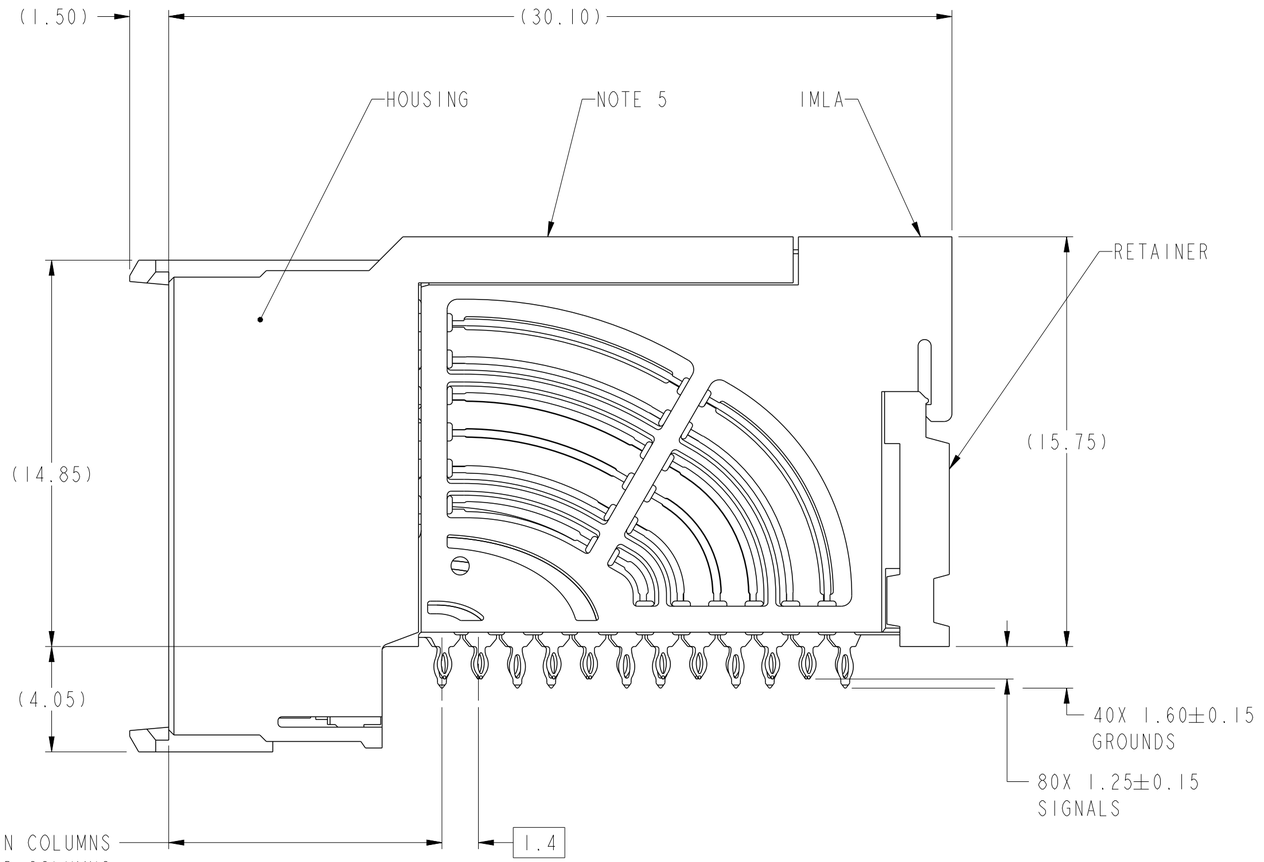
PRODUCT NUMBER
SEE SHEET 3





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spec ref	---		dr	Johnescu, Doug	2012/03/02	projection	MM
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Terry Luo	2019/04/23		
ASME Y14.5M			chr	-	-		
			appr	Heaven Cen	2019/04/26	product family	AirMax VSE
surface -	linear	0.X ±.3	Amphenol FCi	title	AIRMAX VSE R.A. RECEPTACLE ASS'Y, 4 PAIR, 120 POS, 10 IMLA, 20MM		
		0.XX ±.10					
		0.XXX ±.050					
	angular	0° ±°		cat. no.	-	Product - Customer Drw	

size A2	scale 1:1	dwg no 10115911	rev C		
ecn no ELX-DG-33321-1					
rel level Released					
sheet 1 of 3					

Creo File - REV E - 2016-02-12

PDS: Rev :C | STATUS: Released | Printed: Apr 26, 2019

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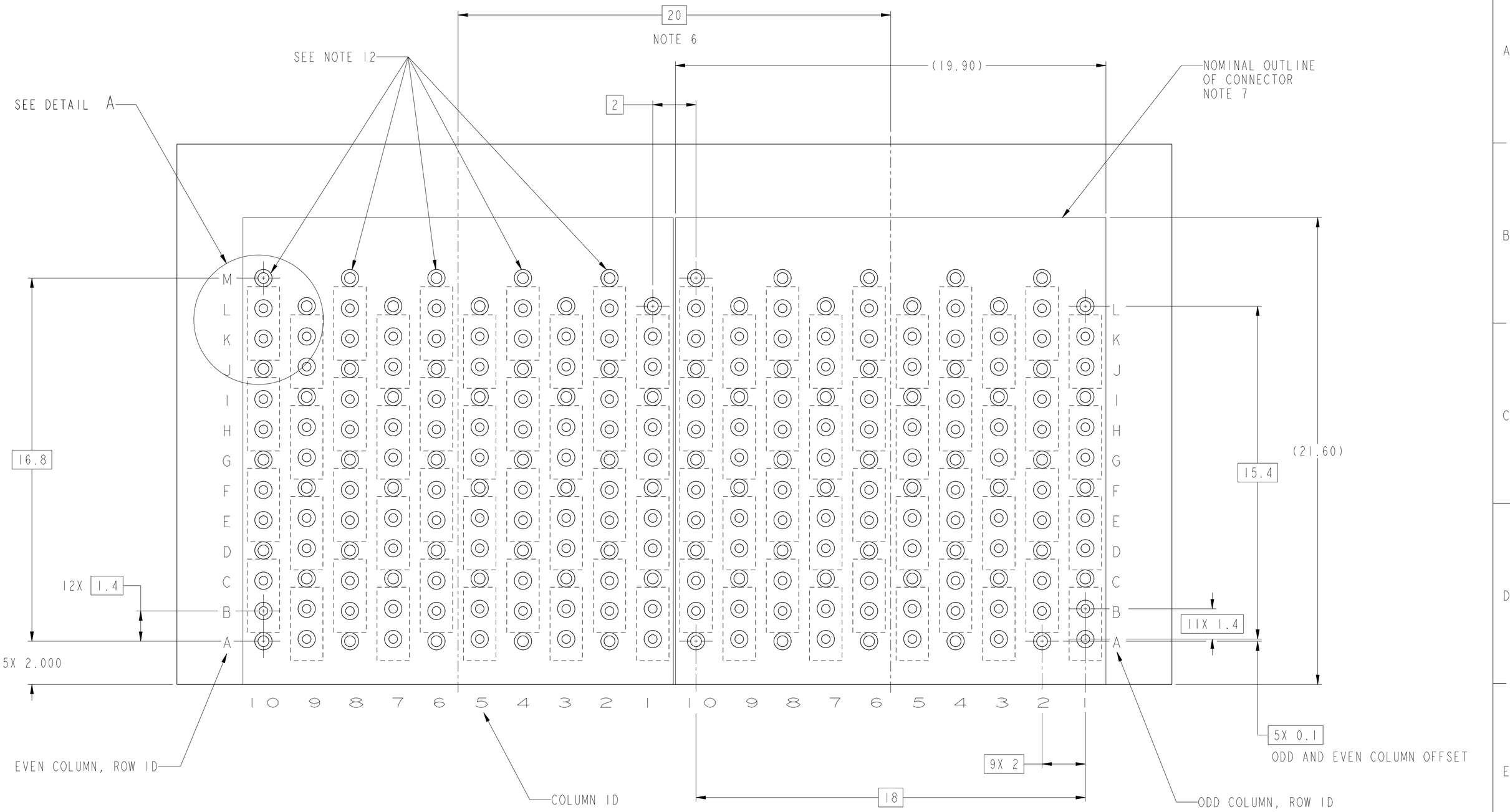

RECOMMENDED PCB LAYOUT
FOR DIFFERENTIAL APPLICATIONS
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTES 6,8,& 11

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spec ref	---		dr	Johnescu, Doug	2012/03/02	projection	MM
tolerance std ASME Y14.5M	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Terry Luo	2019/04/23		
			chr	-	-	size A2	scale 1:1
			appr	Heaven Cen	2019/04/26	ecn no ELX-DG-33321-1	
surface -	linear	0.X ±.3	Amphenol FCI	title AIRMAX VSE R.A. RECEPTACLE ASS'Y, 4 PAIR, 120 POS, 10 IMLA, 20MM		product family AirMax VSE	rel level Released
		0.XX ±.10				dwg no 10115911	rev C
		0.XXX ±.050					
	angular	0° ±°		cat. no. -	Product - Customer Drw		sheet 2 of 3

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PRODUCT NUMBER	PRESS-FIT TAIL PLATING TYPE
10115911-101	TIN/LEAD ALLOY OVER NICKEL
10115911-101LF	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, WHITE, 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) - THE MINIMUM CENTERLINE SPACING BETWEEN ADJACENT MODULES IS 20.0 MM.

(7) - CONNECTOR OUTLINE MAY BE SCREEN PRINTED ONTO CUSTOMER PCB TO BE USED AS A GUIDE FOR MANUAL CONNECTOR PLACEMENT.

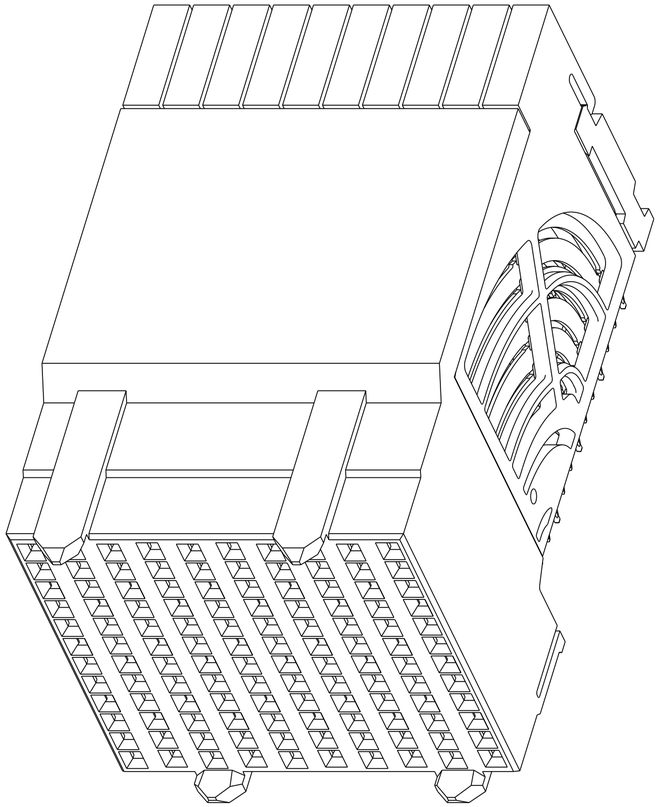
(8) - REFER TO CUSTOMER DRAWING 10104444 FOR INFORMATION ON PCB HOLE DIAMETERS AND PLATING OPTIONS

9 - LEAD FREE PRODUCT MEETS THE EUROPEAN UNION DIRECTIVES & OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008

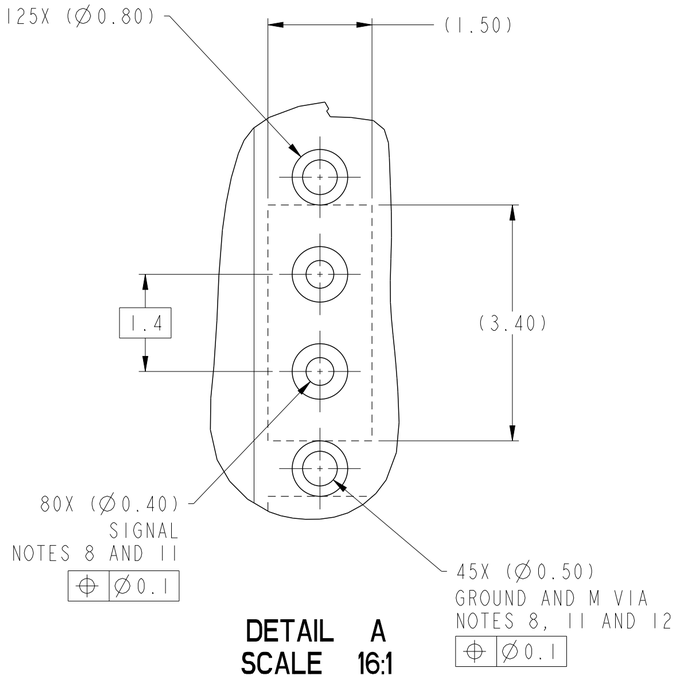
10 - PACKAGING MEETS GS-14-920 LEAD FREE LABELING SPECIFICATION.

(11) - GROUND CONTACTS (C,F,I AND L IN ODD COLUMNS AND A,D,G AND J, EVEN COLUMNS) REQUIRE (∅0.500) FINISHED HOLES. SIGNAL LOCATIONS REQUIRE (∅0.400) FINISHED HOLES.

(12) - THESE OUTER VIAS (M) ARE OPTIONAL. WHILE NO CONNECTOR EONS ARE. PRESSED INTO THESE HOLES, WE RECOMMEND (∅ 0.500) FINISHED HOLES AT THESE LOCATIONS TO PROVIDE GROUND SYMMETRY THROUGH THE PCB



10115911-101 OR -101LF



DETAIL A
SCALE 16:1

spec ref	---		dr	Johnescu, Doug	2012/03/02	projection	MM
tolerance std ASME Y14.5M	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Terry Luo	2019/04/23		
			chr	-	-	size A2	scale 4:1
			appr	Heaven Cen	2019/04/26	ecn no ELX-DG-33321-1	
surface	linear	0.X ±.3	product family			rel level Released	
		0.XX ±.10	Amphenol FCi	title AIRMAX VSE R.A. RECEPTACLE ASS'Y, 4 PAIR, 120 POS, 10 IMLA, 20MM		dwg no 10115911	rev C
		0.XXX ±.050					
	angular	0° ±°		cat. no.	Product - Customer Drw		sheet 3 of 3

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