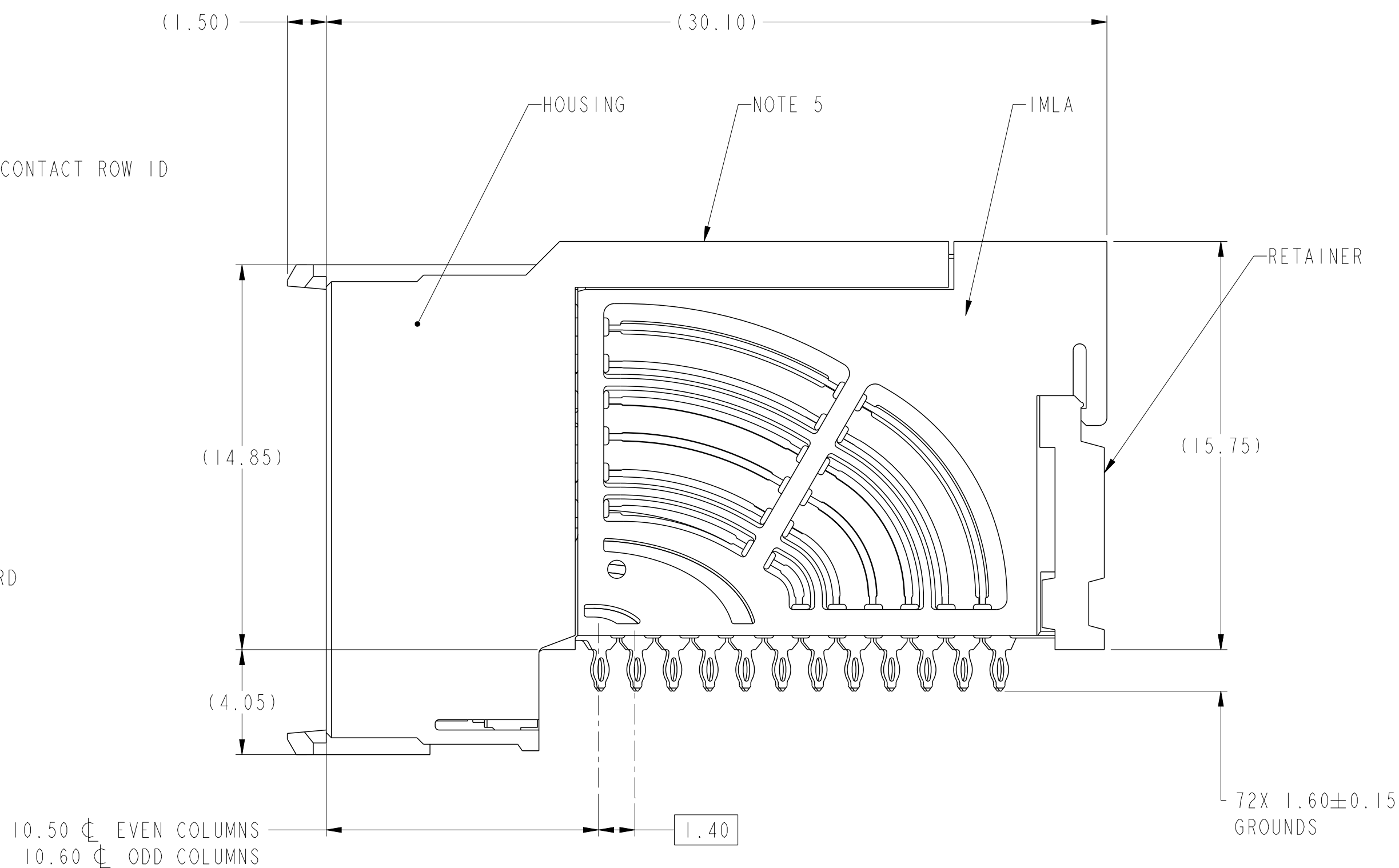
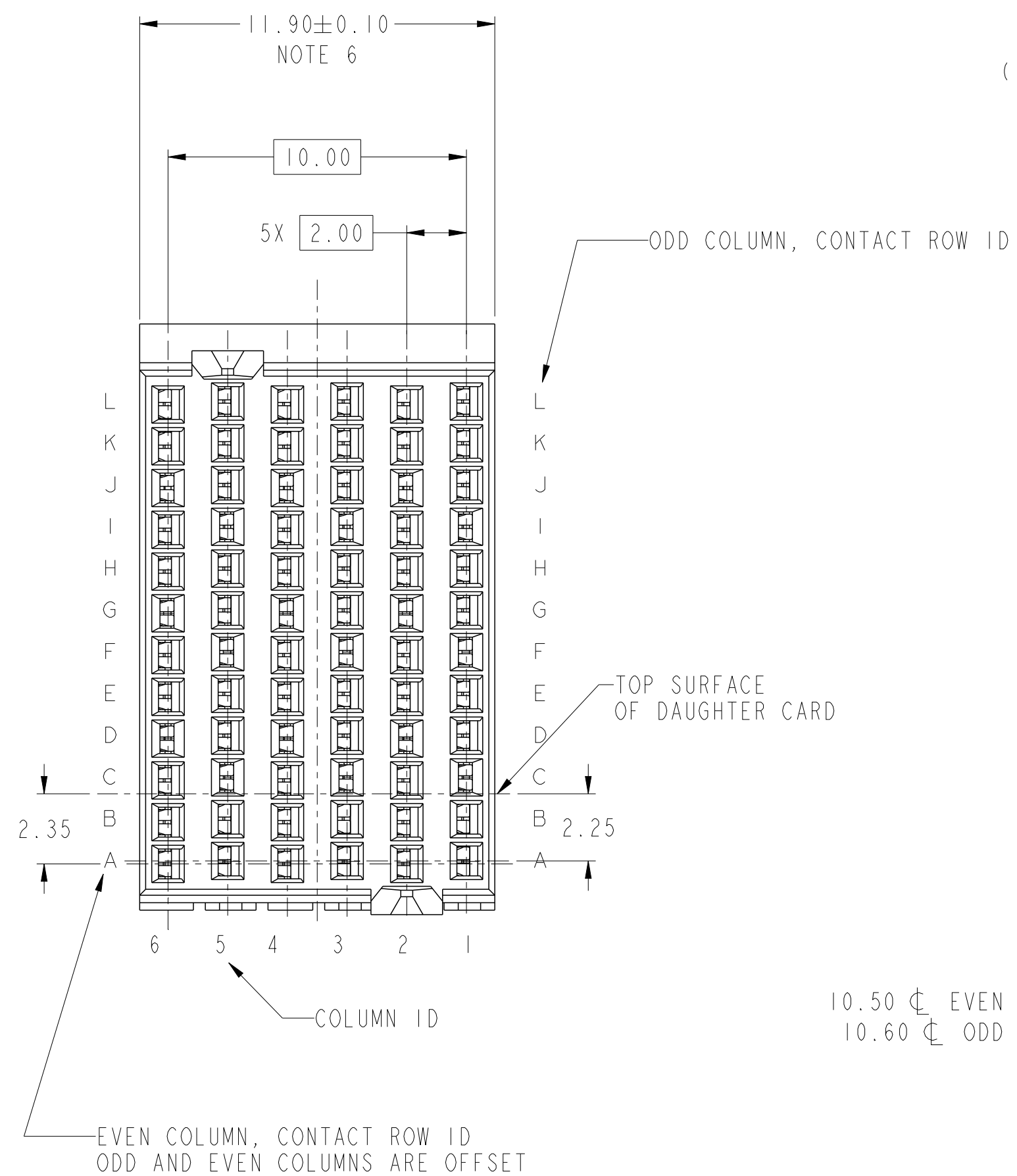
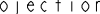
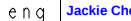
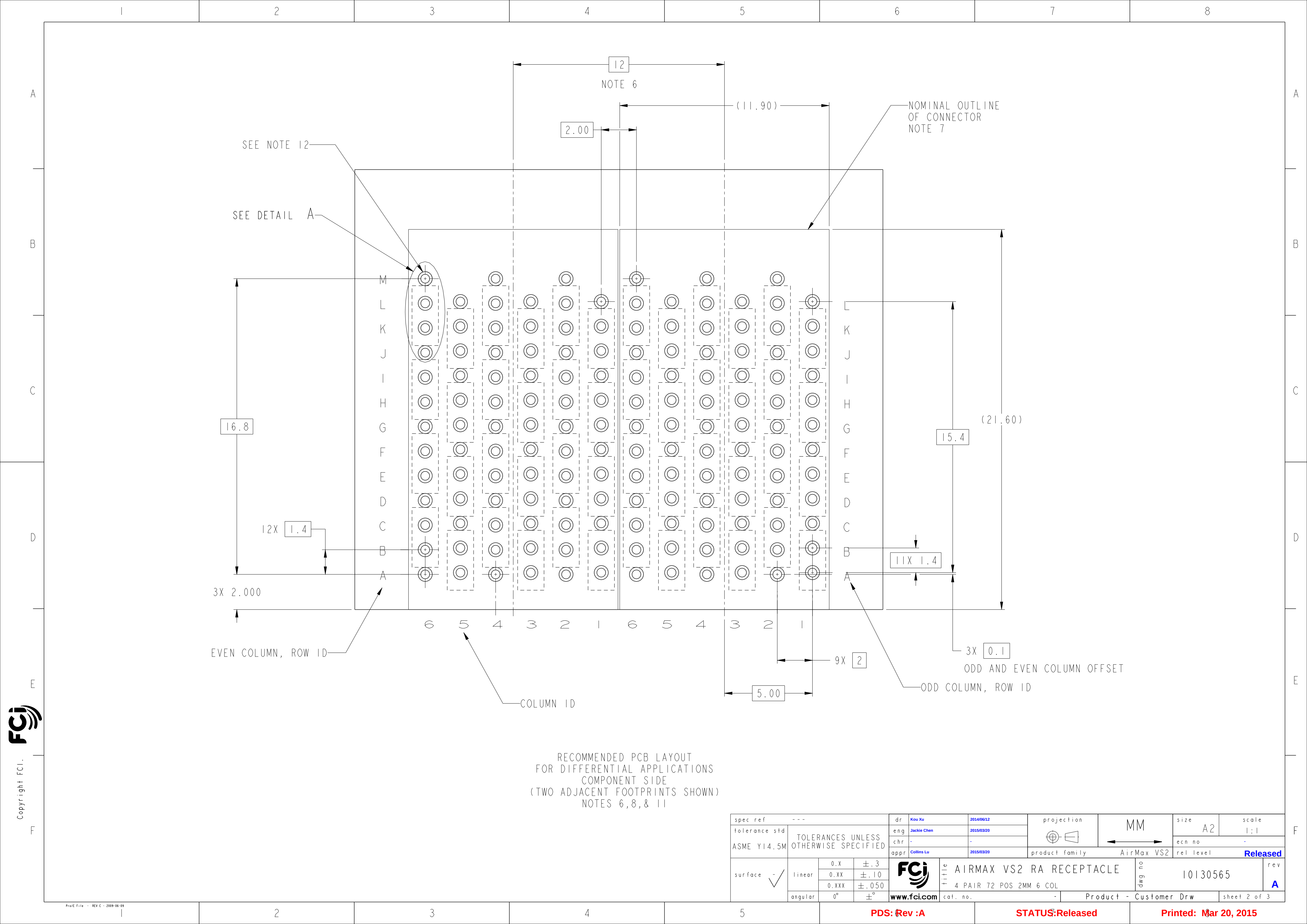




spec ref		---		dr		Kou Xu		2014/06/12		projection		MM		size		A2		scale		1:1					
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng		Jackie Chen		2015/03/20						ecn no		-		Released					
ASME Y14.5M						chr		-		-						product family		AirMax VS2							
				appr		Collins Lu		2015/03/20																	
surface 		linear				title		AIRMAX VS2 RA RECEPTACLE						dwg no		10130565		rev		A					
																						0.X		±.3	
																						0.XX		±.10	
								4 PAIR 72 POS 2MM 6 COL																	
		angular		0°		±°		www.fci.com		cat. no.		-		Product - Customer Drw						sheet 1 of 3					



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

spec ref			---		dr		Kou Xu		2014/06/12		projection				MM		size		A2		scale		1:1	
tolerance std			ASME Y14.5M		eng		Jackie Chen		2015/03/20		chr		-		-		ecn no		-		rel level		Released	
TOLERANCES UNLESS OTHERWISE SPECIFIED					appr		Collins Lu		2015/03/20		product family		AirMax VS2											
surface					linear		0.X		±.3		FCi		title		AIRMAX VS2 RA RECEPTACLE		dwg no		10130565		rev		A	
							0.XX		±.10						4 PAIR 72 POS 2MM 6 COL									
							0.XXX		±.050															
					angular		0°		±°		www.fci.com		cat. no.		-		Product - Customer Drw				sheet 2 of 3			

PRODUCT NUMBER	PRESS-FIT TAIL PLATING TYPE
10130565-101	TIN/LEAD ALLOY OVER NICKEL
10130565-101LF	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 12.0 MM.

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

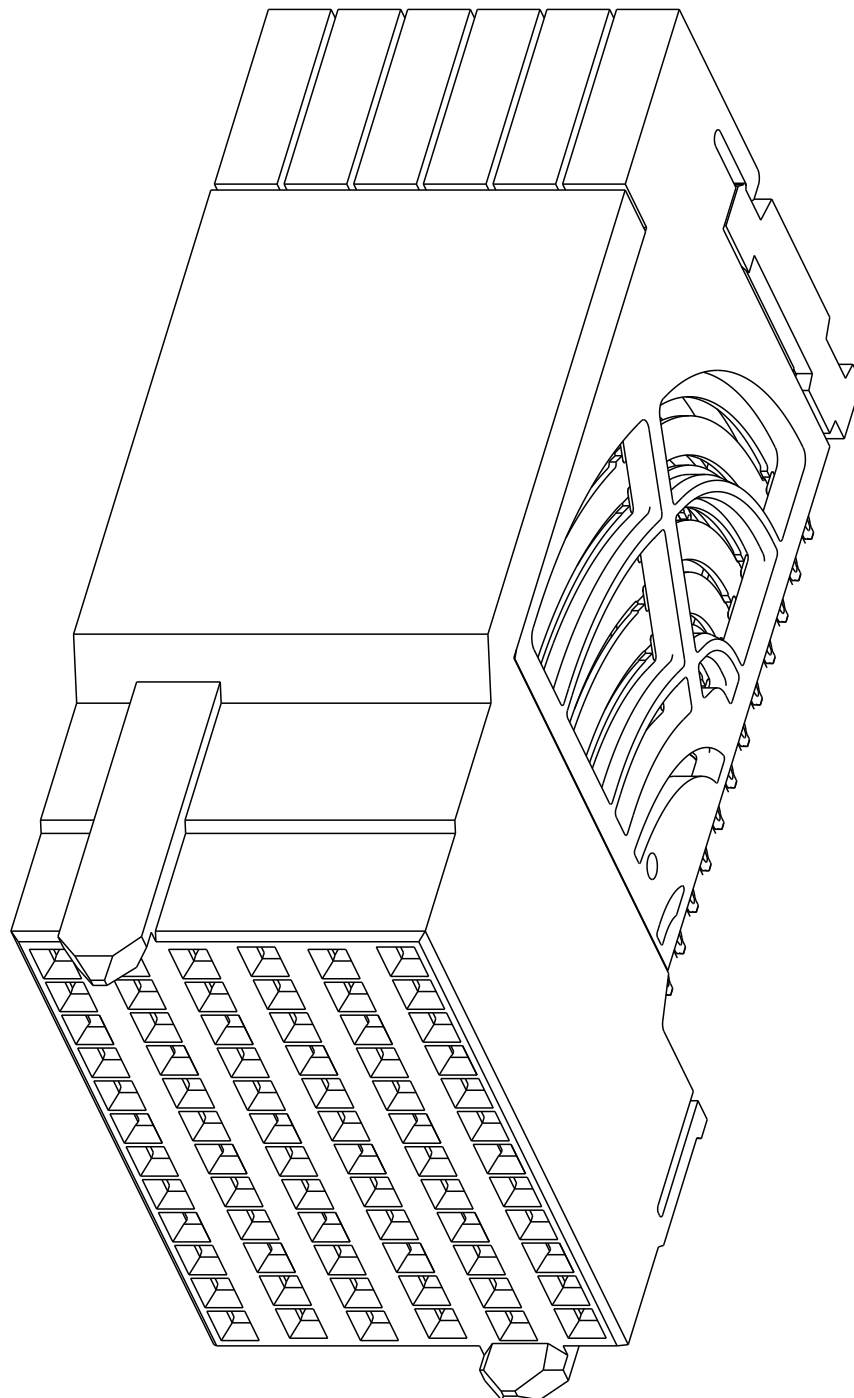
8 - REFER TO CUSTOMER DRAWING 10104444 FOR INFORMATION ON PCB HOLE DIAMETERS AND PLATING OPTIONS

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

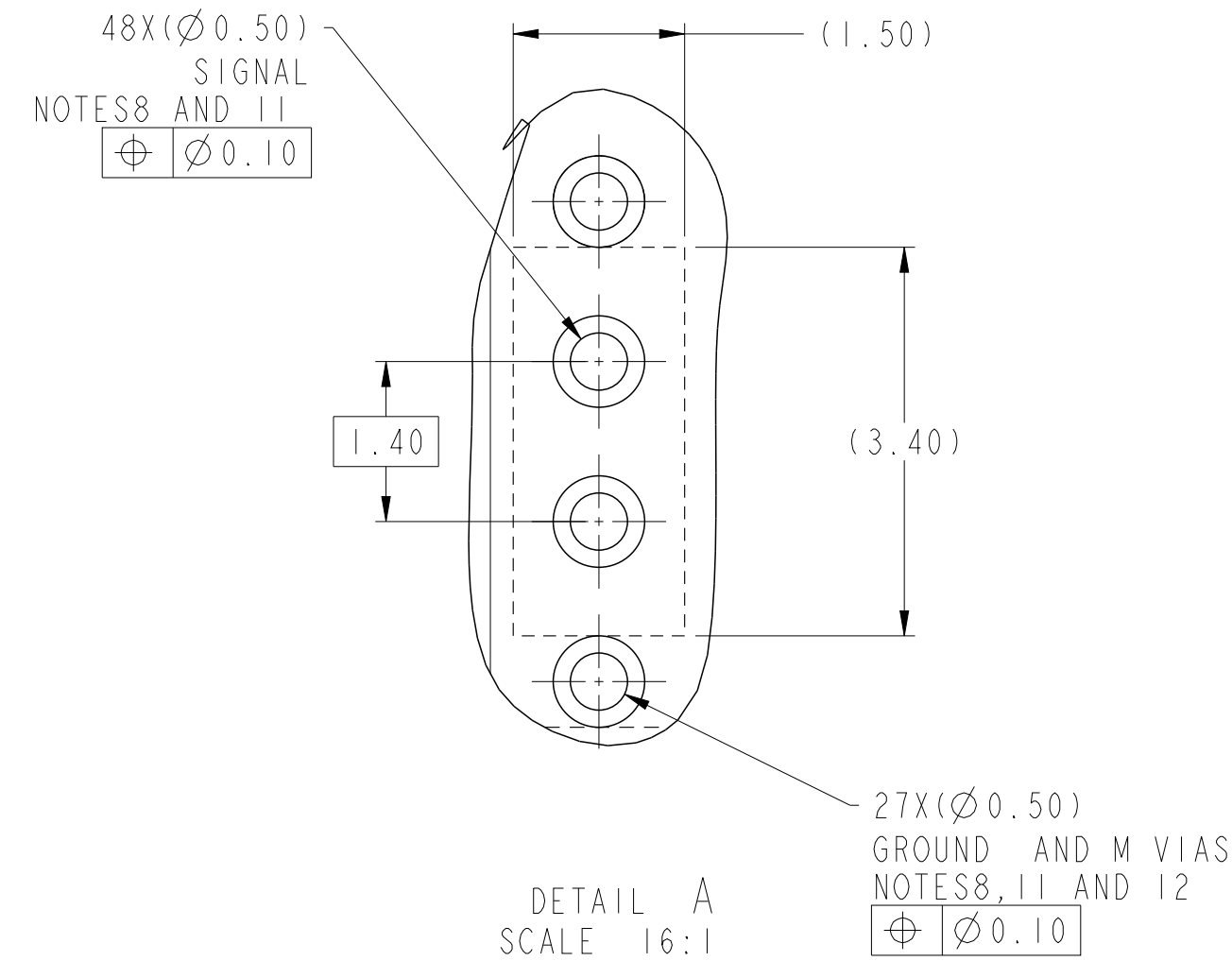
10 - PACKAGING MEETS GS-14-920 LEAD FREE LABELING SPECIFICATION.

11 - GROUND CONTACTS (C,F,I AND L IN ODD COLUMNS AND A,D,G AND J, EVEN COLUMNS) REQUIRE (Ø0.500) FINISHED HOLES. SIGNAL LOCATIONS REQUIRE (Ø0.500) FINISHED HOLES.

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



10130565-101 OR -101LF



48X(Ø0.50) SIGNAL NOTES8 AND 11

1.40

(1.50)

(3.40)

27X(Ø0.50) GROUND AND M VIAS NOTES8, 11 AND 12

DETAIL A SCALE 16:1

spec ref	---	dr	Kou Xu	2014/06/12	projection	MM	size	A2	scale	4:1
tolerance std	ASME Y14.5M	eng	Jackie Chen	2015/03/20	chr	-	ecn no	-		
TOLERANCES UNLESS OTHERWISE SPECIFIED		appr	Collins Lu	2015/03/20	product family	AirMax VS2	rel level	Released		
		surface		linear	0.X	±.3	0.XX	±.10	0.XXX	±.050
		angular	0°	±°	www.fci.com		cat. no.	Product - Customer Drw		sheet 3 of 3

FCI

AIRMAX VS2 RA RECEPTACLE

4 PAIR 72 POS 2MM 6 COL

title

4 PAIR 72 POS 2MM 6 COL

cat. no.

www.fci.com

PDS: Rev :A

STATUS:Released

Printed: Mar 20, 2015

FCI

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10130565

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