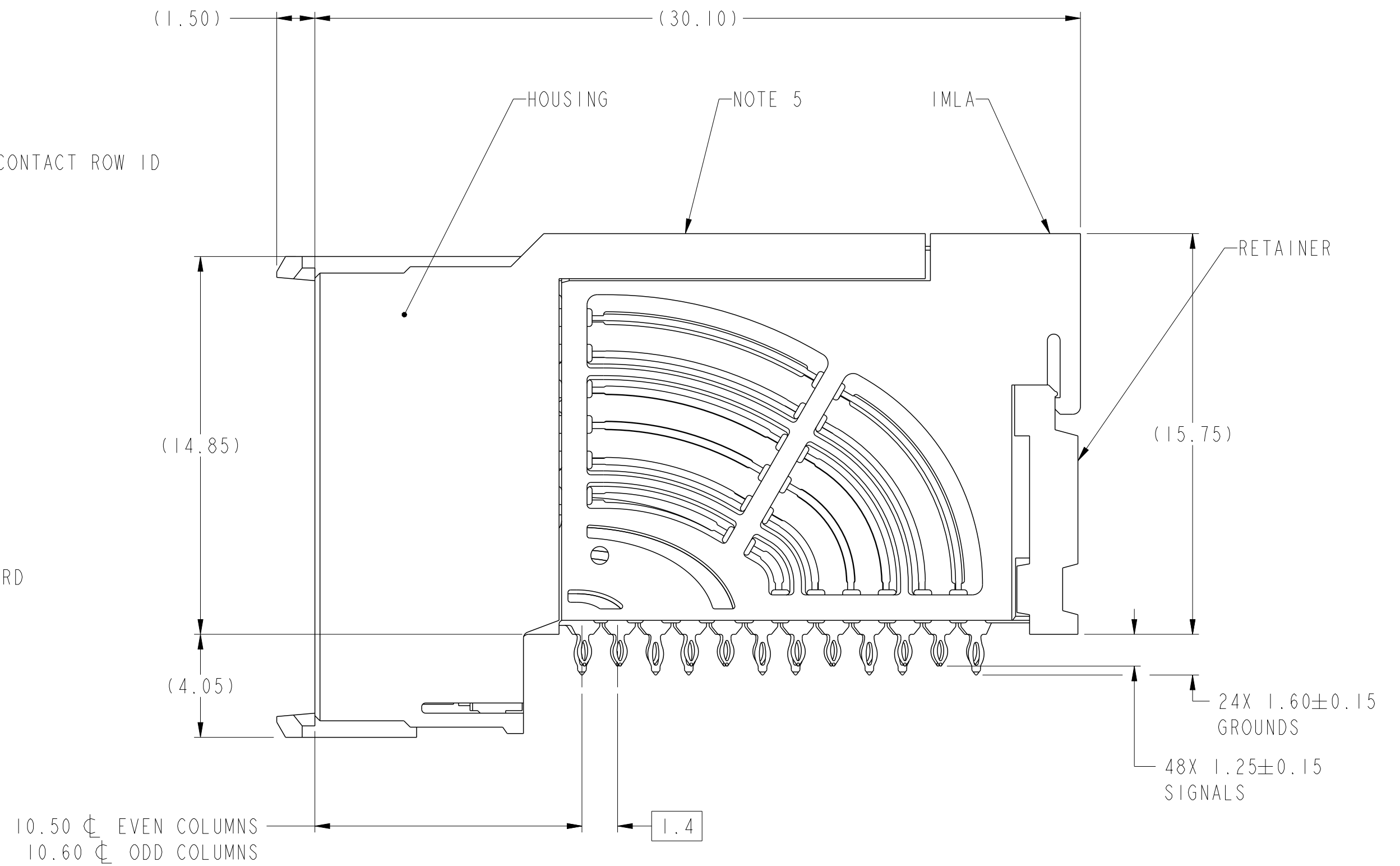
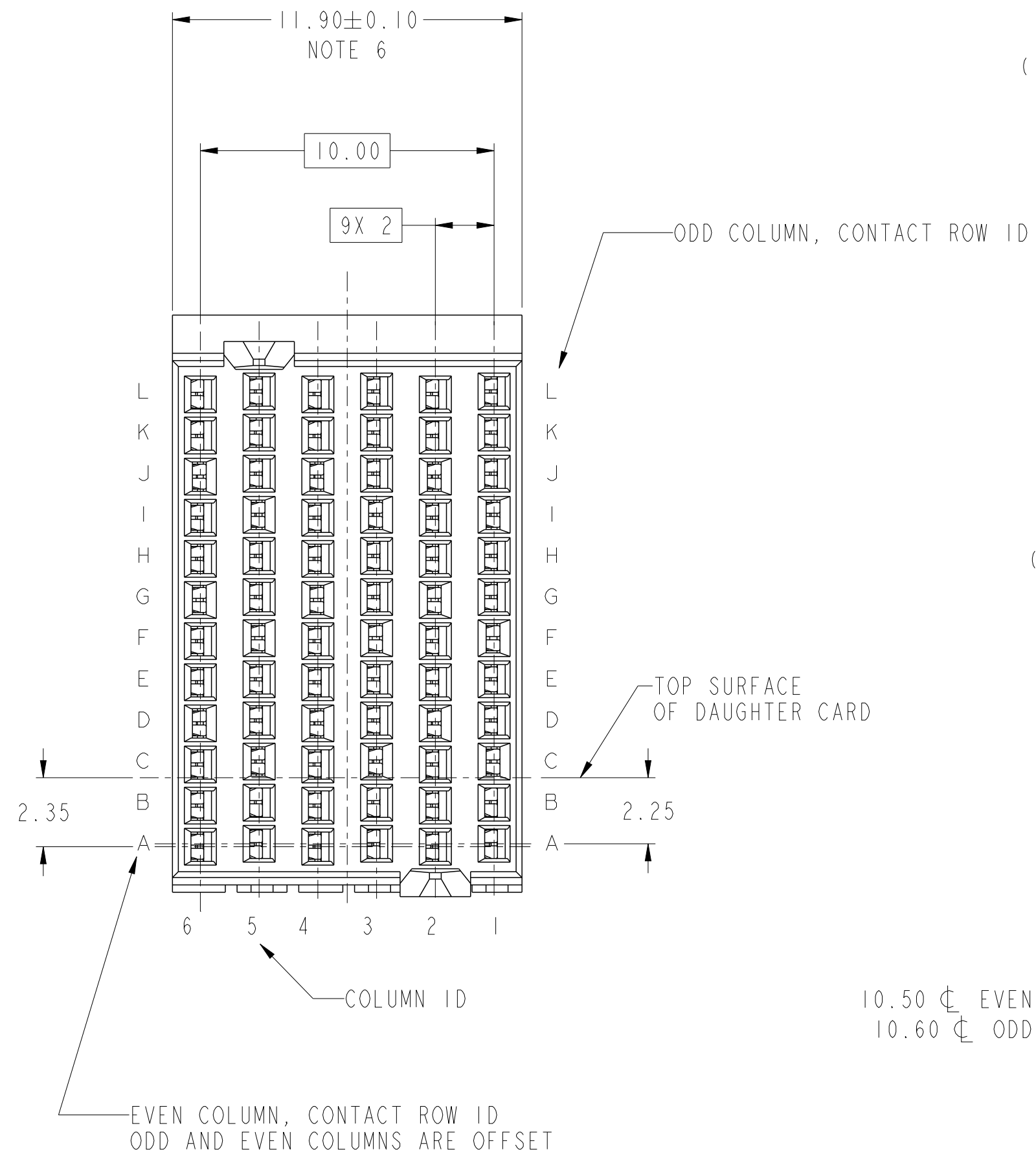
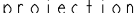
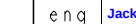




spec ref				---		dr		Kou Xu		2014/06/12		projection				size		A2		scale		1:1			
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng		Jackie Chen		2015/03/20						ecn no		-		rel level		Released			
ASME Y14.5M						chr		-		-						-									
						appr		Collins Lu		2015/03/20		product family		AirMax VSE											
surface 		linear		0.X		±.3				title		AIRMAX VSE RA RECEPTACLE						dwg no		10130562		rev		A	
				0.XX		±.10																			
				0.XXX		±.050																			
		angular		0°		±°																			

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

1

PRODUCT NUMBER

10130562-101LF

PRESS-FIT TAIL PLATING TYPE

TIN OVER NICKEL (LEAD FREE)

2

3

4

5

6

7

8

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 (Ø0.400) 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

48X(Ø0.400)
SIGNAL
NOTES8 AND 11

⊕

Ø0.10

(1.50)

(3.40)

1.40

DETAIL A
SCALE 16:1

27X(Ø0.500)
GROUND AND M VIAS
NOTES8, 11 AND 12

⊕

Ø0.10

10130562-101 OR -101LF

spec ref

tolerance std

ASME Y14.5M

surface

✓

TOLERANCES UNLESS OTHERWISE SPECIFIED

linear

0.X

±.3

0.XX

±.10

0.XXX

±.050

angular

0°

±°

dr

Kou Xu

2014/06/12

eng

Jackie Chen

2015/03/20

chr

-

-

appr

Collins Lu

2015/03/20

projection

⊕

⊟

MM

↔

size

A2

scale

4:1

product family

AIRMAX VSE RA RECEPTACLE

4 PAIR 72 POS 2MM 6 COL SMALL PRESS FIT

www.fci.com

cat. no.

Product - Customer Drw

rel level

Released

title

AIRMAX VSE RA RECEPTACLE

4 PAIR 72 POS 2MM 6 COL SMALL PRESS FIT

dwg no

10130562

rev

A

PDS: Rev :A

STATUS:Released

Printed: Mar 20, 2015

FCI

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Prof/E File

REV C - 2009-06-09