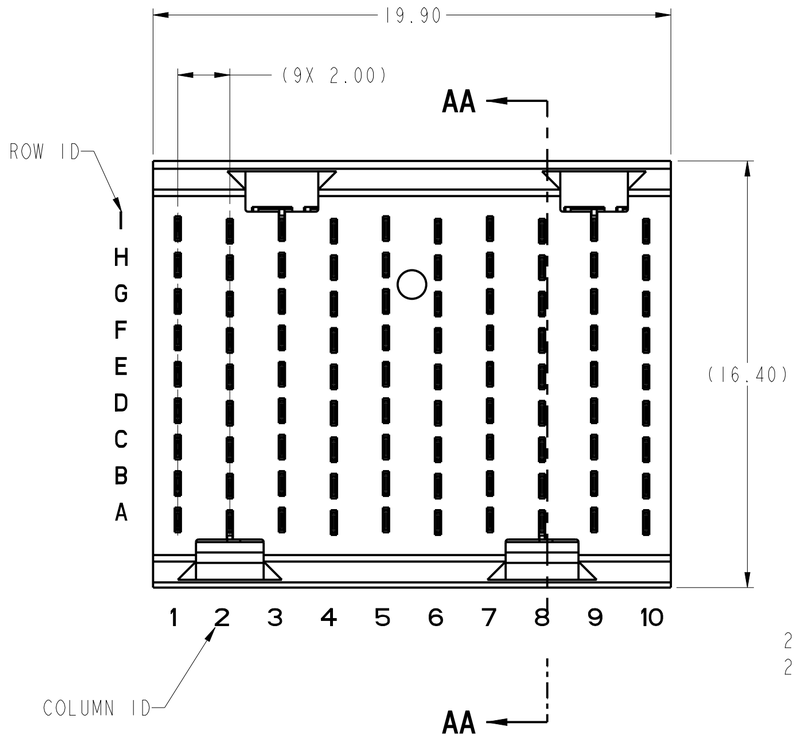
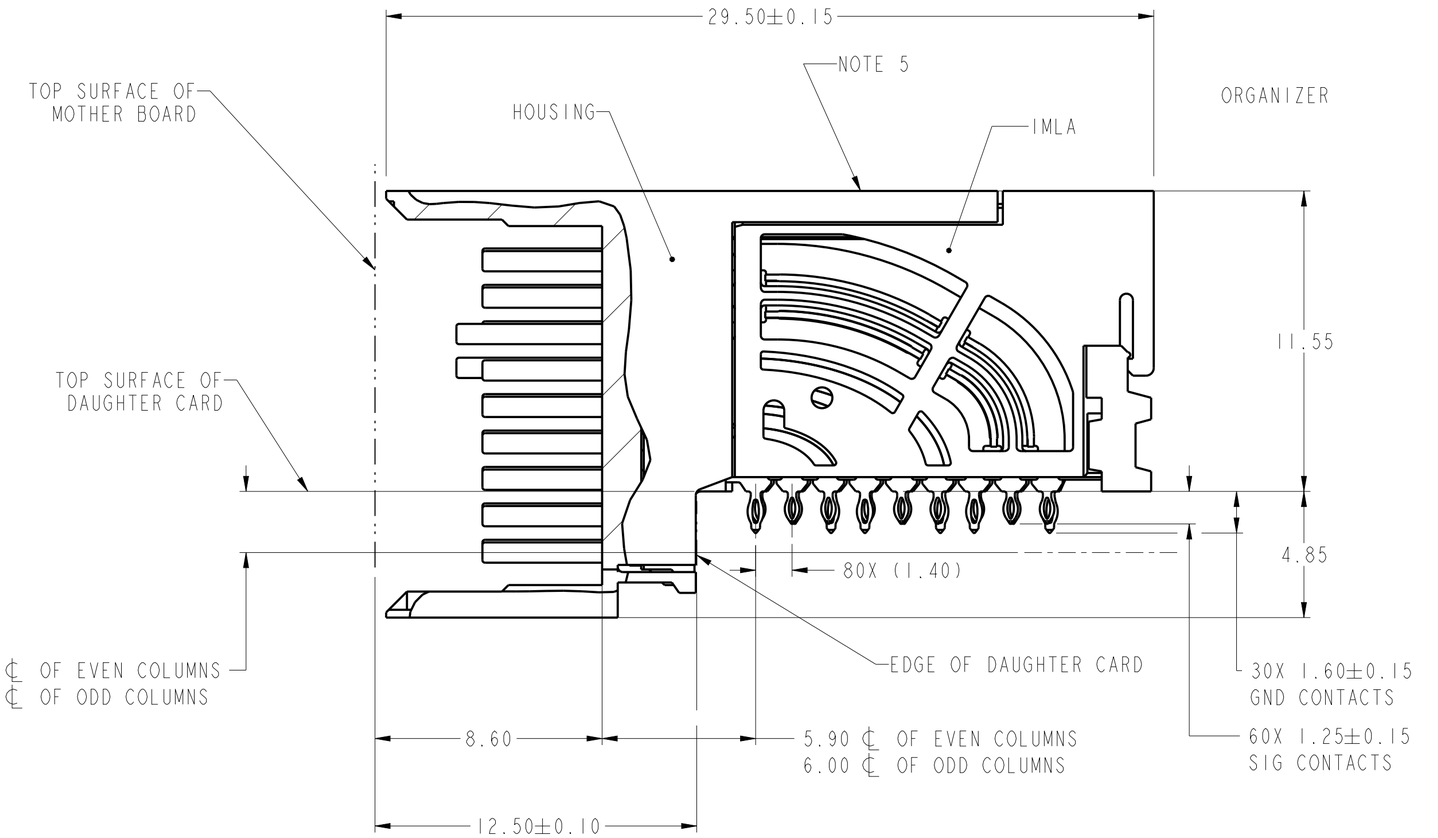
PRODUCT NUMBER

SEE SHEET 3





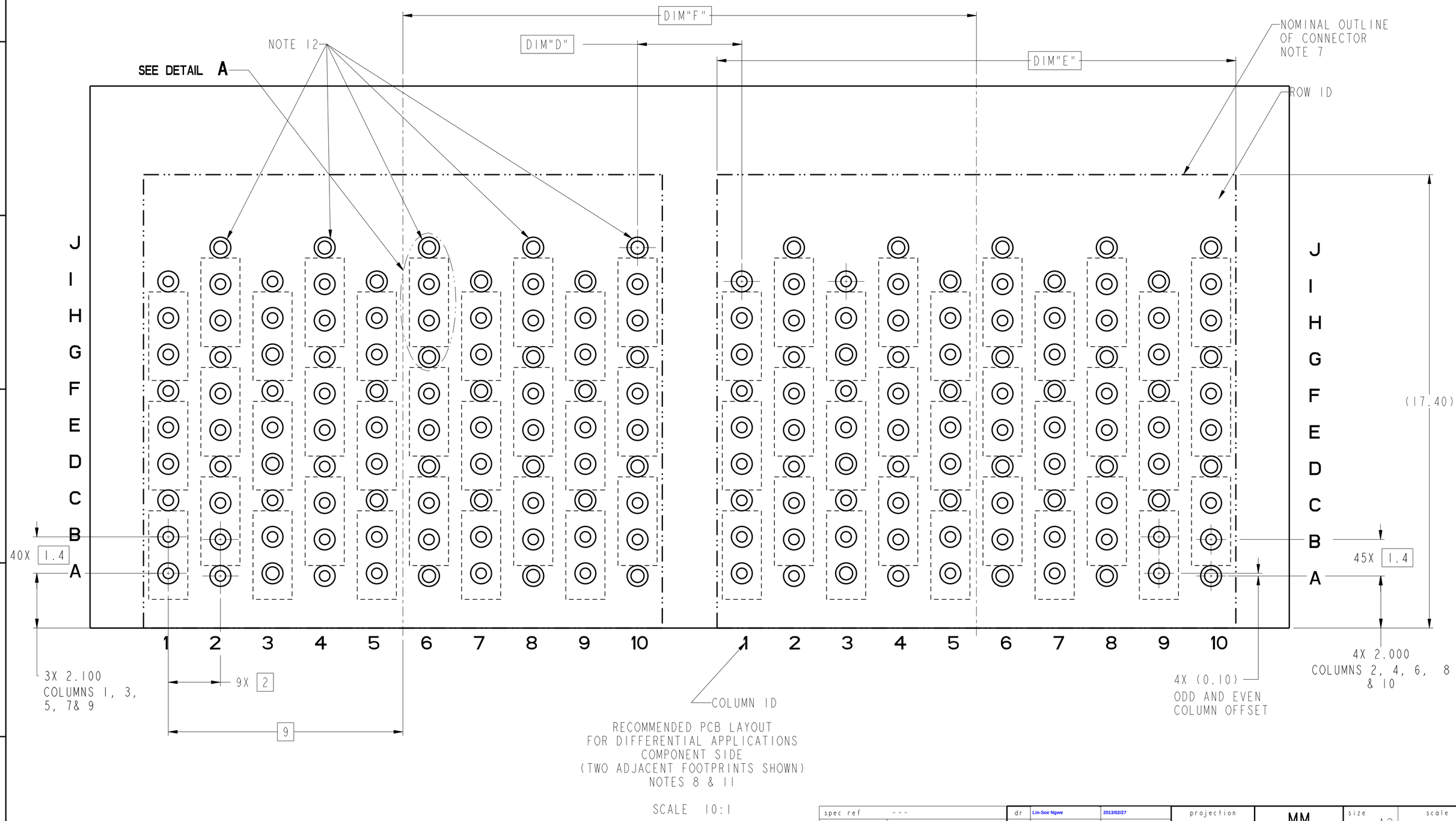
SECTION AA-AA

spec ref	---		dr	Lin-Soe Ngwe	2013/02/27	projection	MM
tolerance std ASME Y14.5M	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Art Lin	2016/11/14		
			chr	Heaven Cen	2016/11/17	size A2	scale 6:1
			appr	Pei-Ming Zheng	2016/11/18	ecn no ELX-DG-25255-1	
surface √	linear	0.X ±.3				product family AirMax VSE	rel level Released
		0.XX ±.15	Amphenol FCi	title	AirMax VSE R.A. HEADER		rev
		0.XXX ±.050			Ass'y, 3 Pair, 90 pos, 10 IMLA, 2 Wall	dwg no 10124471	D
	angular	0° ±2°	www.fci.com	cat. no. -	Product - Customer Drw		sheet 1 of 3

Creo File - REV:E - 2016-02-12

PDS: Rev :D STATUS: Released Printed: Nov 21, 2016

DESCRIPTION	DIM D	DIM E	DIM F
2-20MM MODULES PLACED END TO END.	2.0	19.90 2X	20.00
1-20MM MODULE & 1-22 MODULE PLACED END TO END	3.0	19.90 1X & 21.90 X 1X	21.00



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

SCALE 10:1

spec ref	---						
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			dr	Lin-Soe Ngwe	2013/02/27	projection
ASME Y14.5M				eng	Art Lin	2016/11/14	MM
				chr	Heaven Cen	2016/11/17	size A2 / scale 8:1
				appr	Pei-Ming Zheng	2016/11/18	ecn no ELX-DG-25255-1
surface	linear	0.X	±.3	Amphenol FCi	title: AirMax VSE R.A. HEADER Ass'y, 3 Pair, 90 pos, 10 IMLA, 2 Wall		product family: AirMax VSE / rel level: Released
		0.XX	±.15				dwg no 10124471 / rev D
		0.XXX	±.050				
	angular	0°	±2°	www.fci.com	cat. no. -	Product - Customer Drw	sheet 2 of 3

PRODUCT NUMBER	PRESS-FIT TAIL PLATING TYPE
10124471-101	TIN/LEAD ALLOY OVER NICKEL
10124471-101LF	TIN OVER NICKEL (LEAD FREE)

(1) - CONNECTOR MATERIALS:
HOUSING: HIGH TEMP THERMOPLASTIC, BLACK, UL94-V0
IMLA PLASTIC: HIGH TEMP THERMOPLASTIC, BLACK, UL94-V0
CONTACT: COPPER ALLOY
ORGANIZER: HIGH TEMP THERMOPLASTIC, BLACK, UL94-V0

2 - CONTACT PLATING:
SEPARABLE INTERFACE:
PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-XXX 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" OF ODD NUMBERED COLUMNS AND POSITIONS "G" 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.

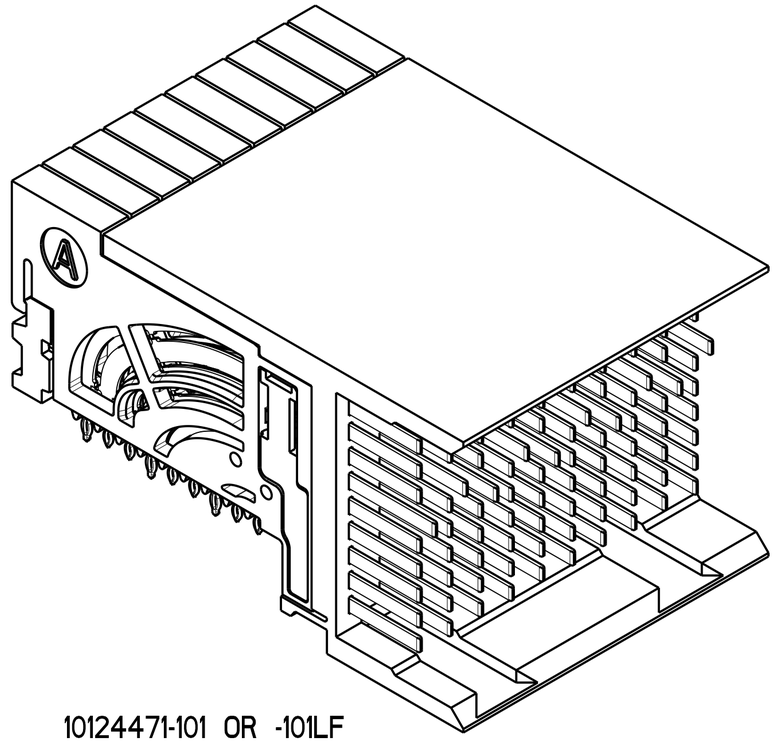
(8) - REFER TO CUSTOMER DRAWING 10104444 FOR INFORMATION ON PCB HOLE DIAMETERS AND PLATING OPTIONS

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

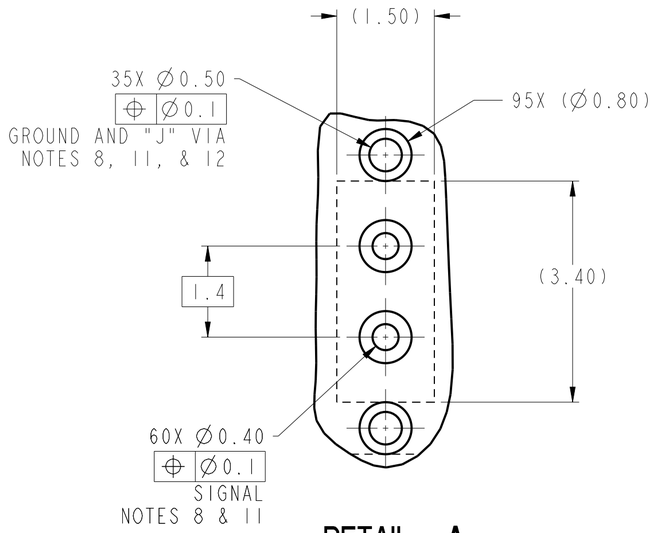
10 - PACKAGING MEETS GS-14-920 LEAD FREE LABELING SPECIFICATION.

(11) - GROUND CONTACTS (C, F, & I IN ODD COLUMNS AND A, D, & G IN EVEN COLUMNS) REQUIRE (∅0.50) FINISHED HOLES. SIGNAL LOCATIONS REQUIRE (∅0.40) FINISHED HOLES

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



10124471-101 OR -101LF



DETAIL A
SCALE 15:1

spec ref	---	dr	Lin-Soe Ngwe	2013/02/27	projection	MM	size A2 / scale 5:1
tolerance std ASME Y14.5M	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Art Lin	2016/11/14			
		chr	Heaven Cen	2016/11/17			ecn no ELX-DG-25255-1
		appr	Pei-Ming Zheng	2016/11/18	product family AirMax VSE		rel level Released
surface -	linear 0.X ±.3 / 0.XX ±.15 / 0.XXX ±.050 / angular 0° ±2°	Amphenol FCi	title: AirMax VSE R.A. HEADER Ass'y, 3 Pair, 90 pos, 10 IMLA, 2 Wall			dwg no 10124471	rev D
		www.fci.com	cat. no. -		Product - Customer Drw		sheet 3 of 3