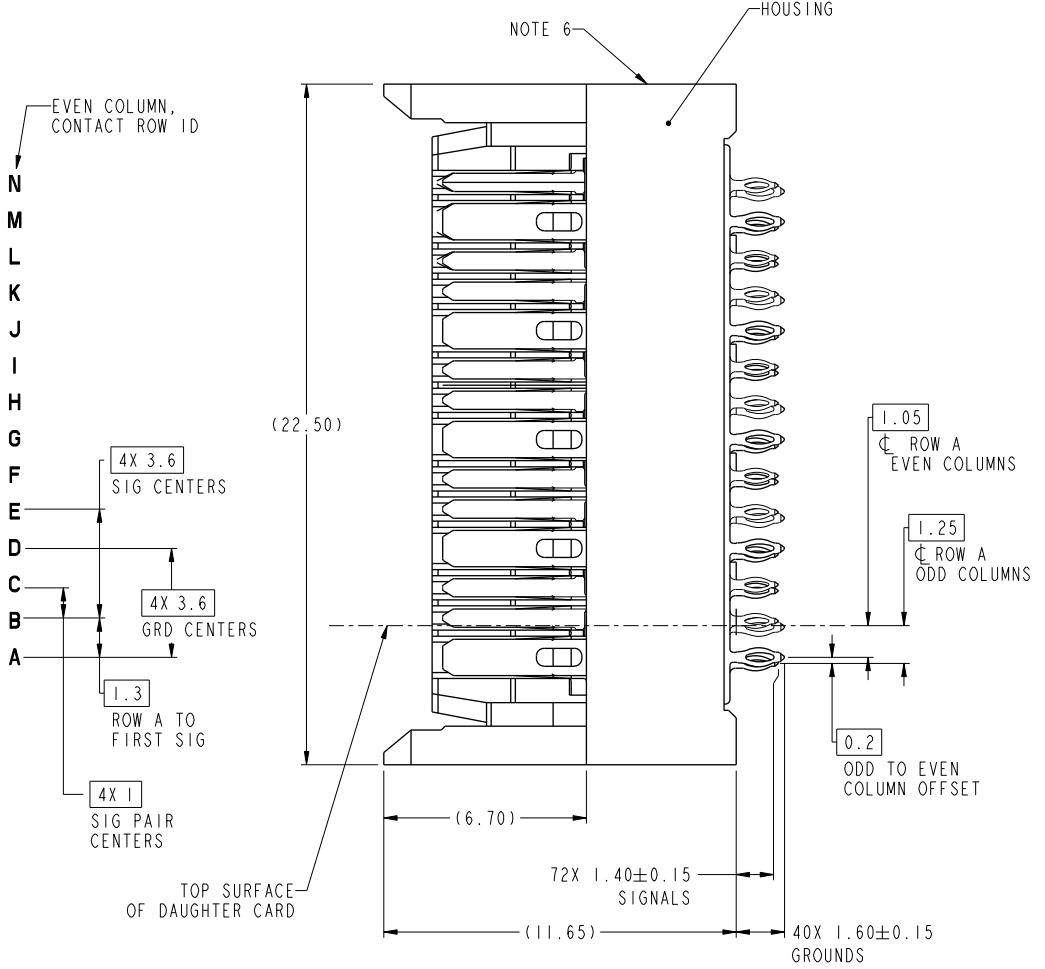
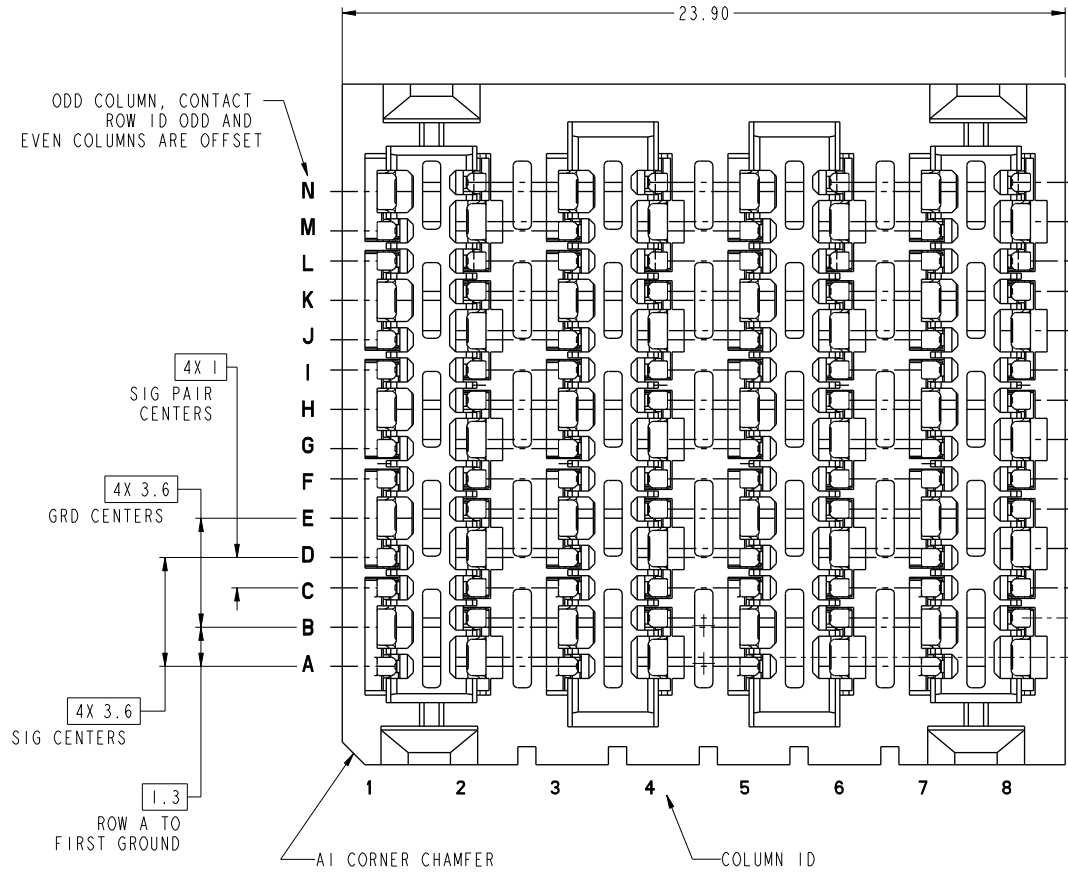


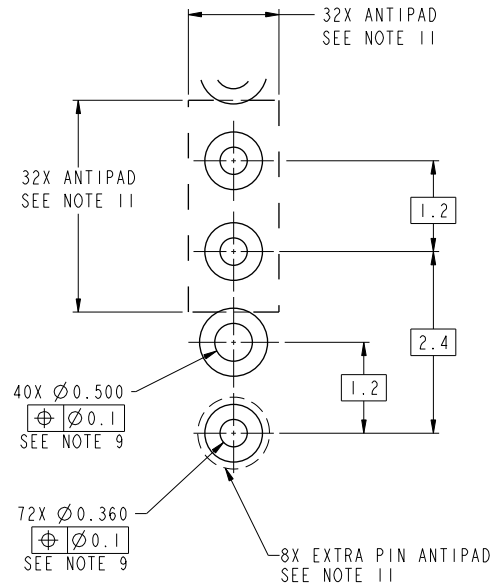
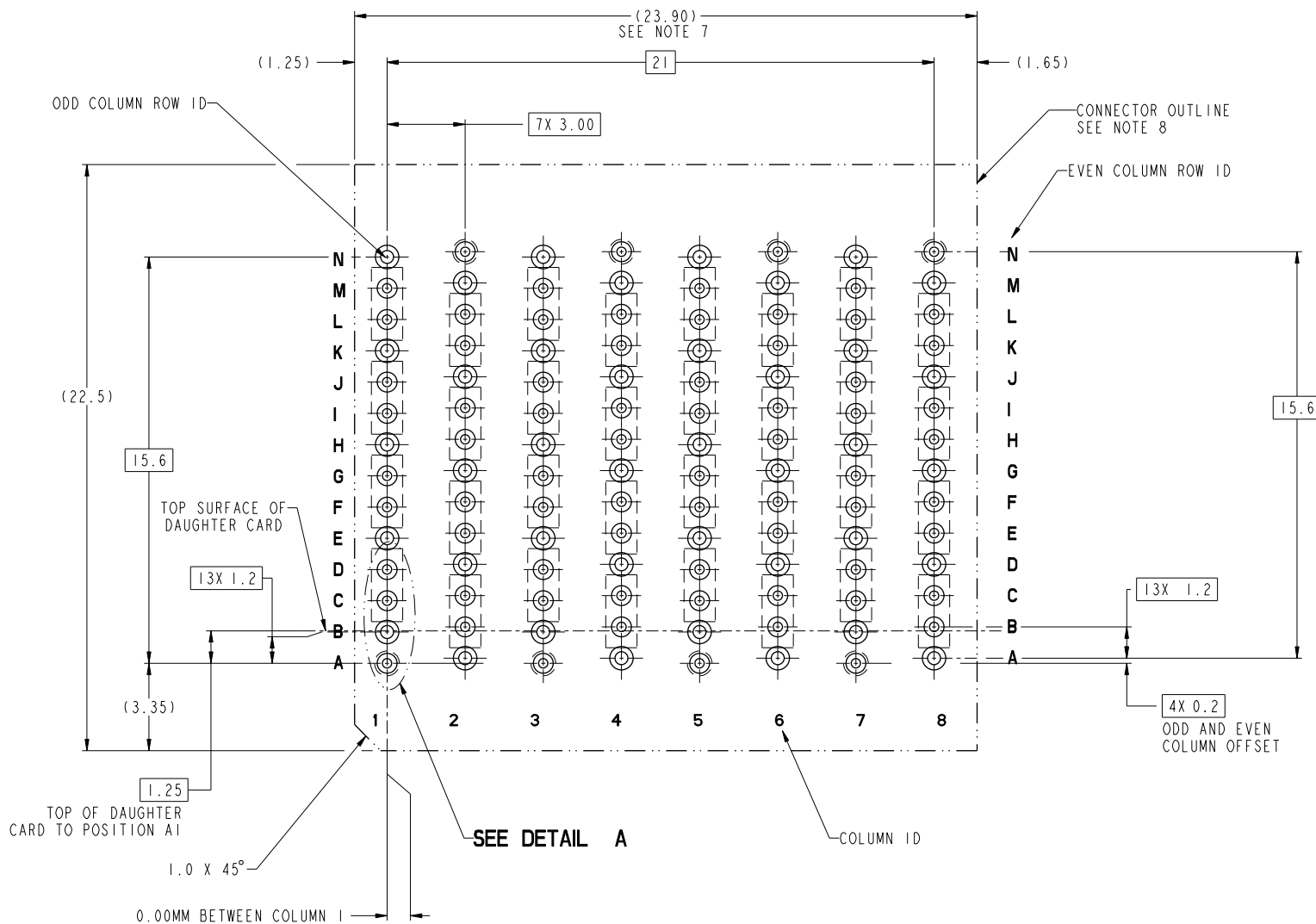
PRODUCT NUMBER
SEE SHEET 16



10123151-Y01LF
(10123151-101LF STANDARD MATE CONNECTOR SHOWN)

spec ref	SEE NOTES	dr	JUSTIN CHEN	2014-09-11	projection	MM	size	A2	scale	1:1										
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	HEAVEN CEN	2014-09-11			ech no													
ASME Y14.5M		chr					product family	EXaMAX	rel level	In Work										
surface	<table border="1"> <tr> <td>linear</td> <td>0.X</td> <td>±.3</td> </tr> <tr> <td></td> <td>0.XX</td> <td>±.10</td> </tr> <tr> <td></td> <td>0.XXX</td> <td>±.050</td> </tr> <tr> <td>angular</td> <td>0°</td> <td>±°</td> </tr> </table>	linear	0.X	±.3		0.XX	±.10		0.XXX	±.050	angular	0°	±°		VERT HDR ASSY, 4 PR, 8 COL 112 POS, 24/26 MM, 0.36 SIG FH PCB		eng no	10123151	rev	I
linear	0.X	±.3																		
	0.XX	±.10																		
	0.XXX	±.050																		
angular	0°	±°																		
		www.fci.com	col. no.	SEE TABLE	Product - Customer	Draw	sheet 1 of 17													

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DETAIL A
SCALE 20:1

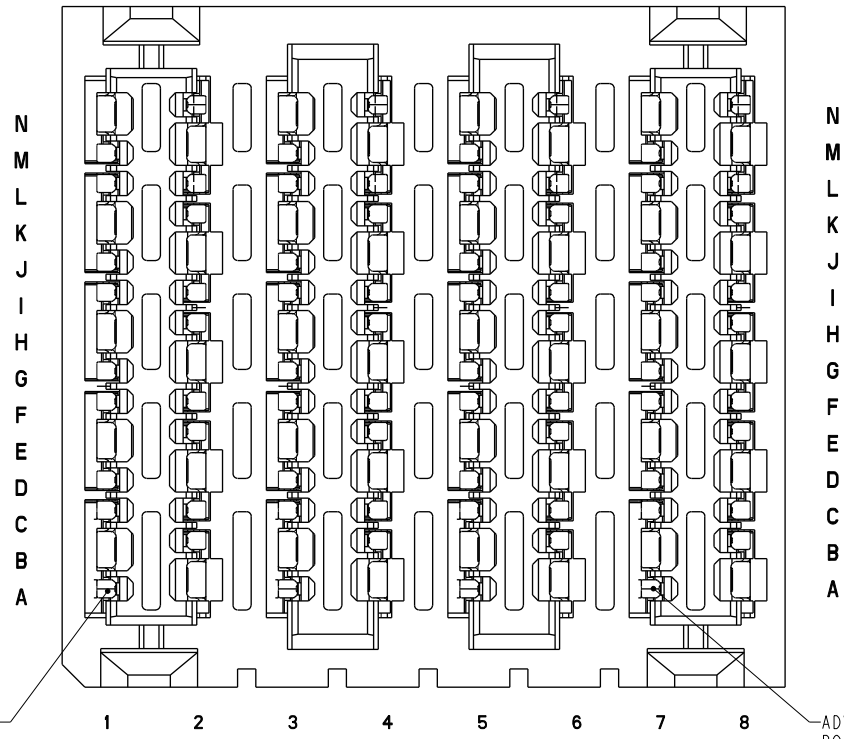
**RECOMMENDED PCB LAYOUT FOR
10123151-Y01LF COMPONENT SIDE
NOTES 7, 8, 9, & 11**

Copyright FCI.

spec ref	SEE NOTES	dr	JUSTIN CHEN	2014-09-11	projection	MM	size	A2	scale	1:1												
tolerance std	ASME Y14.5M	eng	HEAVEN CEN	2014-09-11			ech no															
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr					product family	ExaMAX	rel level	In Work												
surface	<table border="1"> <tr> <td>linear</td> <td>0.X</td> <td>±.3</td> </tr> <tr> <td></td> <td>0.XX</td> <td>±.10</td> </tr> <tr> <td></td> <td>0.XXX</td> <td>±.050</td> </tr> <tr> <td>angular</td> <td>0°</td> <td>±°</td> </tr> </table>	linear	0.X	±.3		0.XX	±.10		0.XXX	±.050	angular	0°	±°	appr				VERT HDR ASSY, 4 PR, 8 COL 112 POS, 24/26 MM, 0.36 SIG FH PCB	eng no 10123151	rev 1		
linear	0.X	±.3																				
	0.XX	±.10																				
	0.XXX	±.050																				
angular	0°	±°																				
		www.fci.com	col. no.	SEE TABLE	Product -	Customer Drw	sheet 2 of 17															

1 2 3 4 5 6 7 8

A
B
C
D
E
F



ADVANCED MATE
POSITION A1
SEE NOTE 13

ADVANCED MATE
POSITION A7
SEE NOTE 13

10123151-201LF
ADVANCED MATE CONNECTOR
 ADVANCED MATE POSITIONS ARE POSITIONS A1 AND A7 ONLY
 FOR ALL OTHER DIMENSIONS SEE SHEETS 1 & 2



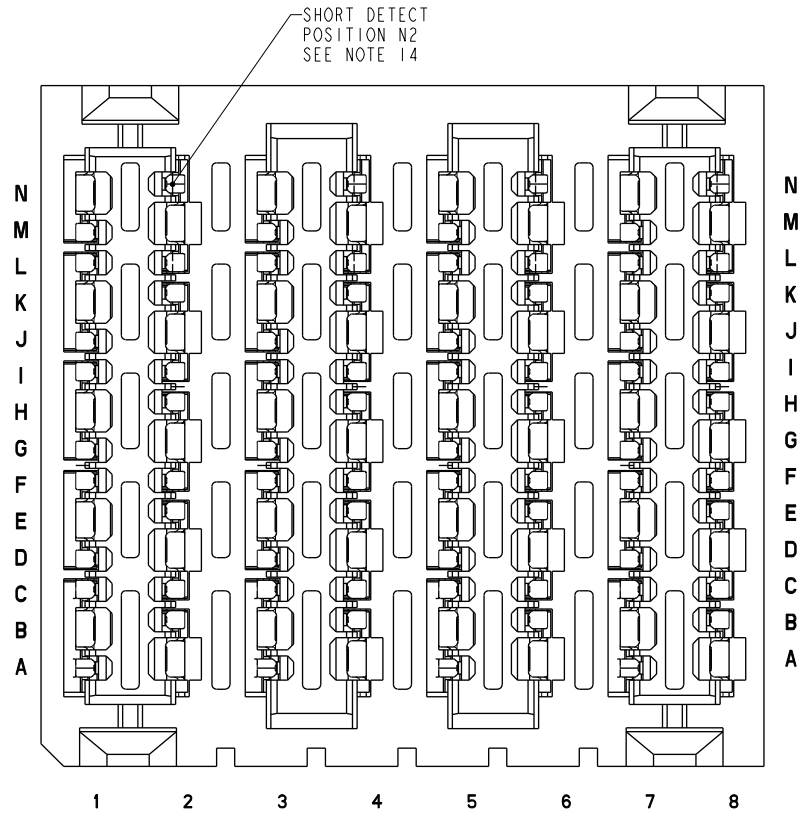
spec ref	SEE NOTES	dr	JUSTIN CHEN	2014-09-11	projection	MM	size	A2	scale	1:1		
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	HEAVEN CEN	2014-09-11			ech no					
ASME Y14.5M		chr					product family	ExaMAX	rel level	In Work		
surface	<input checked="" type="checkbox"/> linear <input type="checkbox"/> angular	0.X	±.3		VERT HDR ASSY, 4 PR, 8 COL 112 POS, 24/26 MM, 0.36 SIG FH PCB	eng no 10123151	rev 1					
		0.XX	±.10					www.fci.com	col. no.	SEE TABLE	Product - Customer Drw	sheet 3 of 17
		0.XXX	±.050									
		0°	±°									

Prod File - REV C - 2009-06-09 1 2 3 4 5 6 7 8

1 2 3 4 5 6 7 8

A
B
C
D
E
F

A
B
C
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E
F



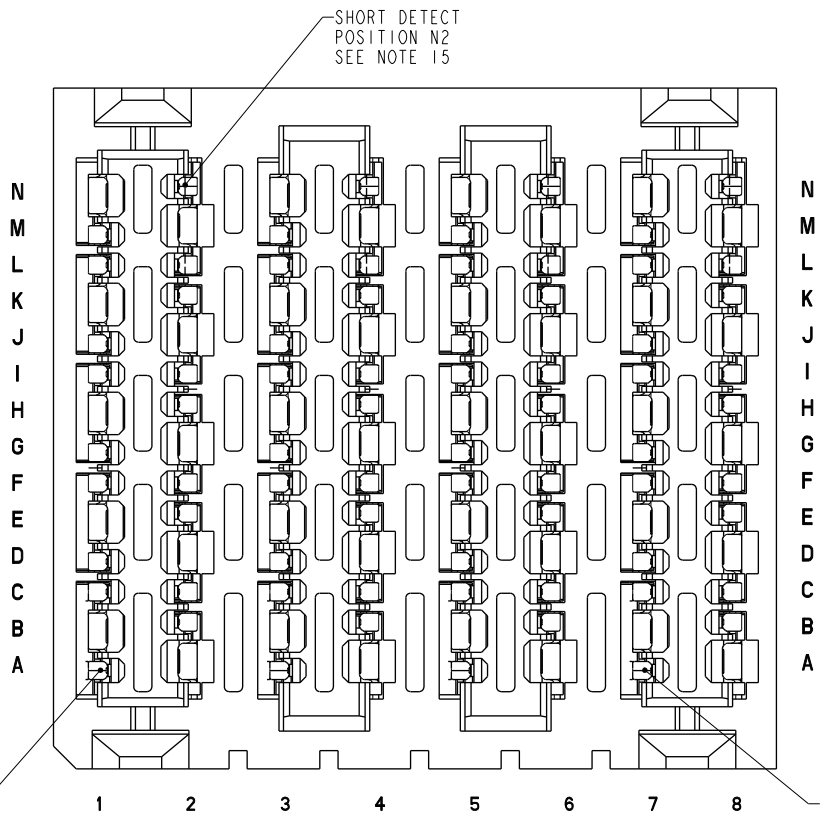
10123151-301LF
SHORT DETECT CONNECTOR
 SHORT DETECT POSITION IS N2 ONLY
 FOR ALL OTHER DIMENSIONS SEE SHEETS 1 & 2



Copyright FCI.

spec ref	SEE NOTES	dr	JUSTIN CHEN	2014-09-11	projection	MM	size	A2	scale	1:1		
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	HEAVEN CEN	2014-09-11			ech no					
ASME Y14.5M		chr					product family	EXaMAX	rel level	In Work		
surface		linear	0.X	±.3		VERT HDR ASSY, 4 PR, 8 COL 112 POS, 24/26 MM, 0.36 SIG FH PCB	eng no 10123151	rev 1	www.fci.com	col. no. SEE TABLE	Product - Customer Drw	sheet 4 of 17
			0.XX	±.10								
			0.XXX	±.050								
		angular	0°	±°								

A
B
C
D
E
F



ADVANCED MATE
POSITION A1
SEE NOTE 15

SHORT DETECT
POSITION N2
SEE NOTE 15

ADVANCED MATE
POSITION A7
SEE NOTE 15

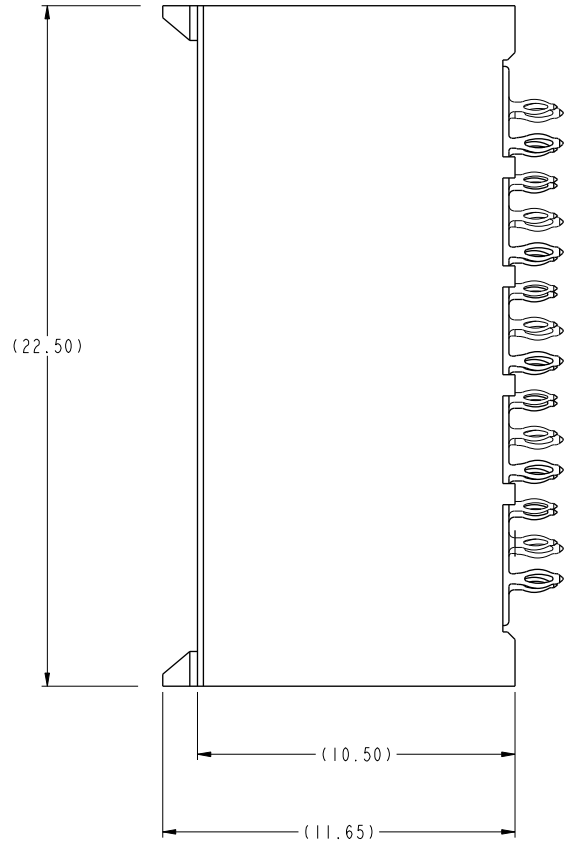
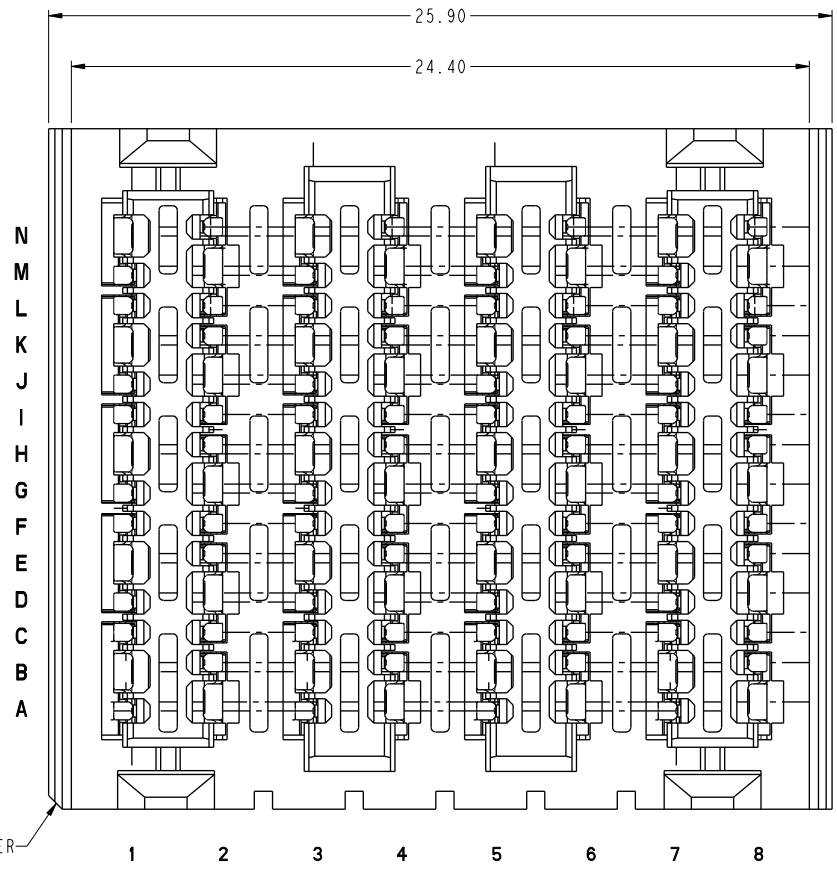
10123151-401LF
ADVANCED MATE/SHORT DETECT CONNECTOR
ADVANCED MATE POSITIONS ARE POSITIONS A1 AND A7 ONLY
SHORT DETECT POSITION IS N2 ONLY
FOR ALL OTHER DIMENSIONS SEE SHEETS 1 & 2



Copyright FCI.

spec ref	SEE NOTES	dr	JUSTIN CHEN	2014-09-11	projection	MM	size	A2	scale	1:1	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	HEAVEN CEN	2014-09-11			echn no rel level In Work				
ASME Y14.5M		chr						product family	ExaMAX		
surface	linear angular	0.X	±.3		VERT HDR ASSY, 4 PR, 8 COL 112 POS, 24/26 MM, 0.36 SIG FH PCB	eng no 10123151	rev I				
		0.XX	±.10					www.fci.com	col. no. SEE TABLE	Product - Customer Drw	sheet 5 of 17
		0.XXX	±.050								
	0°	±°									

1 2 3 4 5 6 7 8

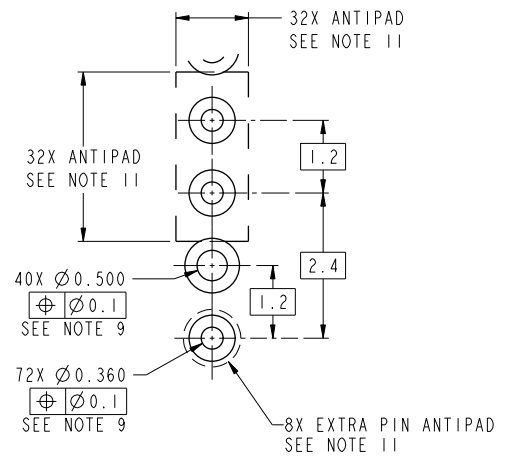
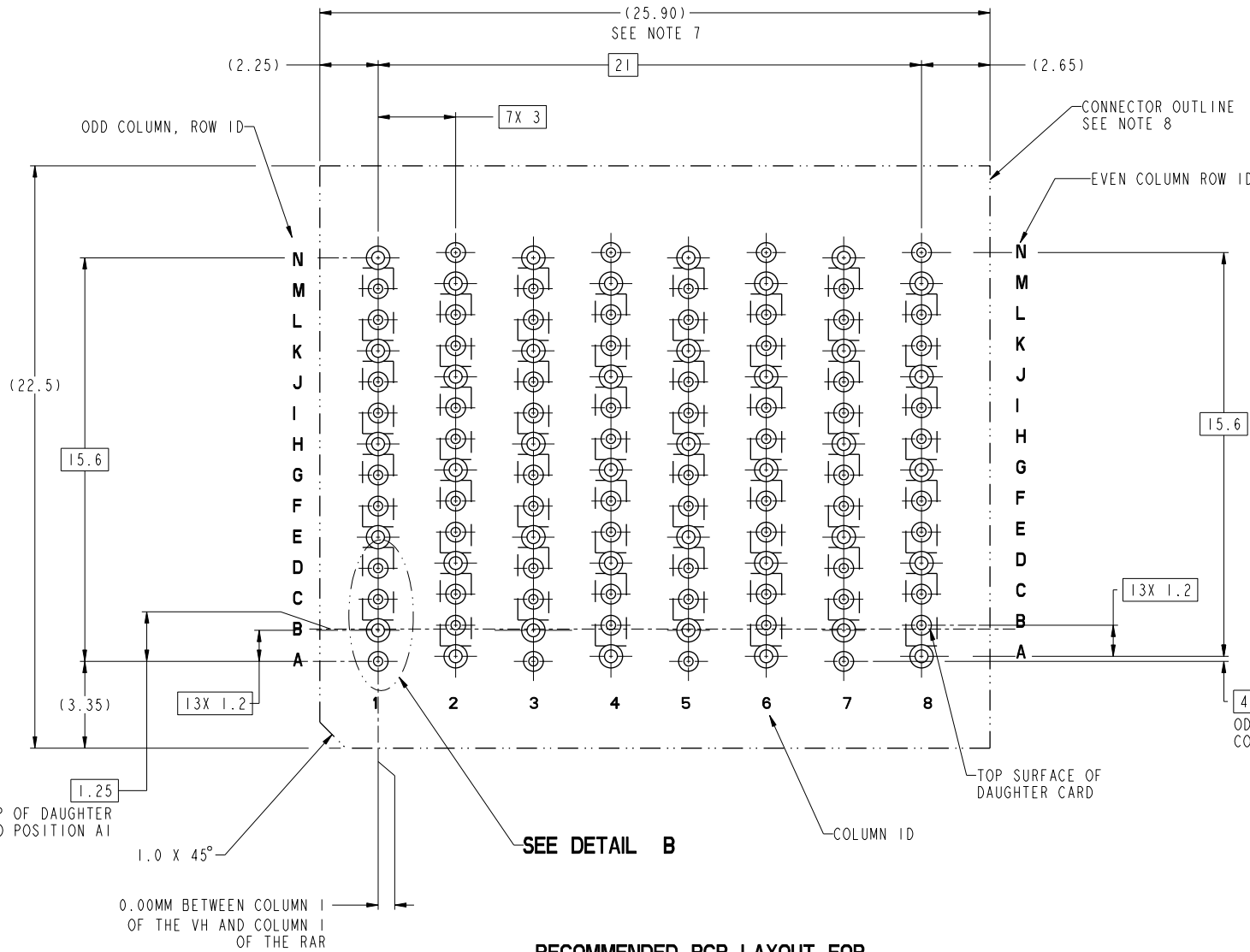


10123151-Y02LF (10123151-102LF SHOWN)
 END WALLED CONNECTOR
 FOR ALL OTHER DIMENSIONS SEE SHEET 1



Copyright FCI.

spec ref	SEE NOTES	dr	JUSTIN CHEN	2014-09-11	projection	MM	size	A2	scale	1:1												
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	HEAVEN CEN	2014-09-11			ech no															
ASME Y14.5M		chr					product family	EXaMAX	rel level	In Work												
surface	<table border="1"> <tr> <td>linear</td> <td>0.X</td> <td>±.3</td> </tr> <tr> <td></td> <td>0.XX</td> <td>±.10</td> </tr> <tr> <td></td> <td>0.XXX</td> <td>±.050</td> </tr> <tr> <td>angular</td> <td>0°</td> <td>±°</td> </tr> </table>	linear	0.X	±.3		0.XX	±.10		0.XXX	±.050	angular	0°	±°	appr				VERT HDR ASSY, 4 PR, 8 COL 112 POS, 24/26 MM, 0.36 SIG FH PCB	eng no 10123151	rev 1		
linear	0.X	±.3																				
	0.XX	±.10																				
	0.XXX	±.050																				
angular	0°	±°																				
		www.fci.com	col. no.	SEE TABLE	Product -	Customer Drw	sheet 6 of 17															

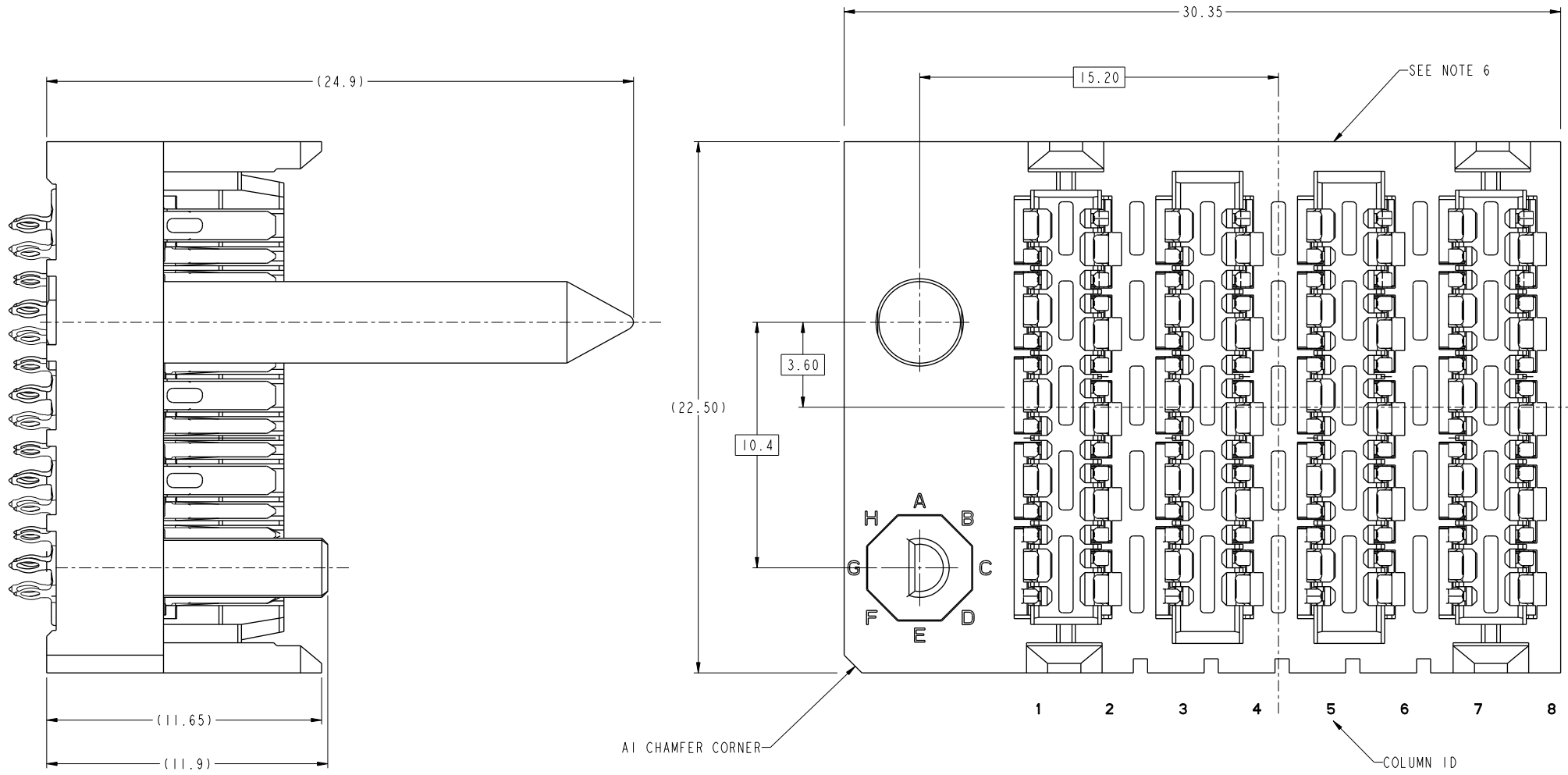


DETAIL B
SCALE 16:1

**RECOMMENDED PCB LAYOUT FOR
10123151-Y02LF (END WALLED CONNECTOR) COMPONENT SIDE
NOTES 7, 8, 9, & 11**

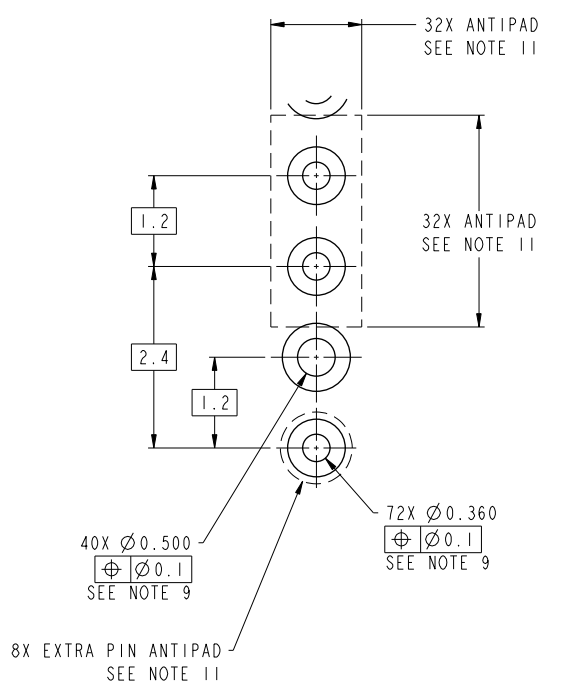
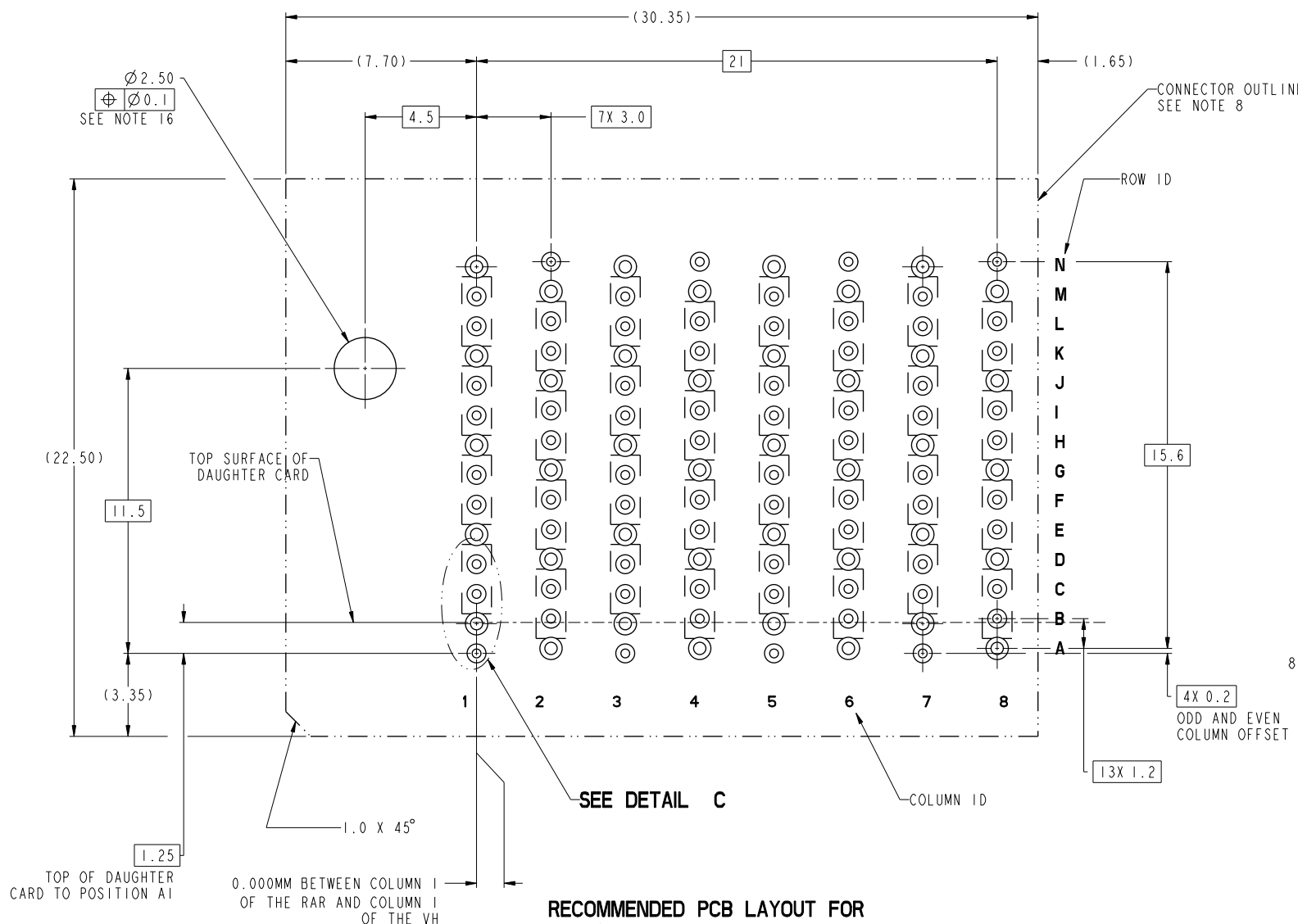
spec ref	SEE NOTES	dr	JUSTIN CHEN	2014-09-11	projection	MM	size	A2	scale	1:1												
tolerance std	ASME Y14.5M	eng	HEAVEN CEN	2014-09-11			ech no															
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr					product family	ExaMAX	rel level	In Work												
surface	<table border="1"> <tr> <td>linear</td> <td>0.X</td> <td>±.3</td> </tr> <tr> <td></td> <td>0.XX</td> <td>±.10</td> </tr> <tr> <td></td> <td>0.XXX</td> <td>±.050</td> </tr> <tr> <td>angular</td> <td>0°</td> <td>±°</td> </tr> </table>	linear	0.X	±.3		0.XX	±.10		0.XXX	±.050	angular	0°	±°	app				VERT HDR ASSY, 4 PR, 8 COL 112 POS, 24/26 MM, 0.36 SIG FH PCB	eng no 10123151	rev I		
linear	0.X	±.3																				
	0.XX	±.10																				
	0.XXX	±.050																				
angular	0°	±°																				
		www.fci.com	col. no.	SEE TABLE	Product -	Customer	Draw	sheet	7 of 17													

Copyright FCI



**10123151-Y1ALF THRU -Y1JLF
RIGHT GUIDANCE CONNECTOR
FOR ALL OTHER DIMENSIONS SEE SHEET 1**

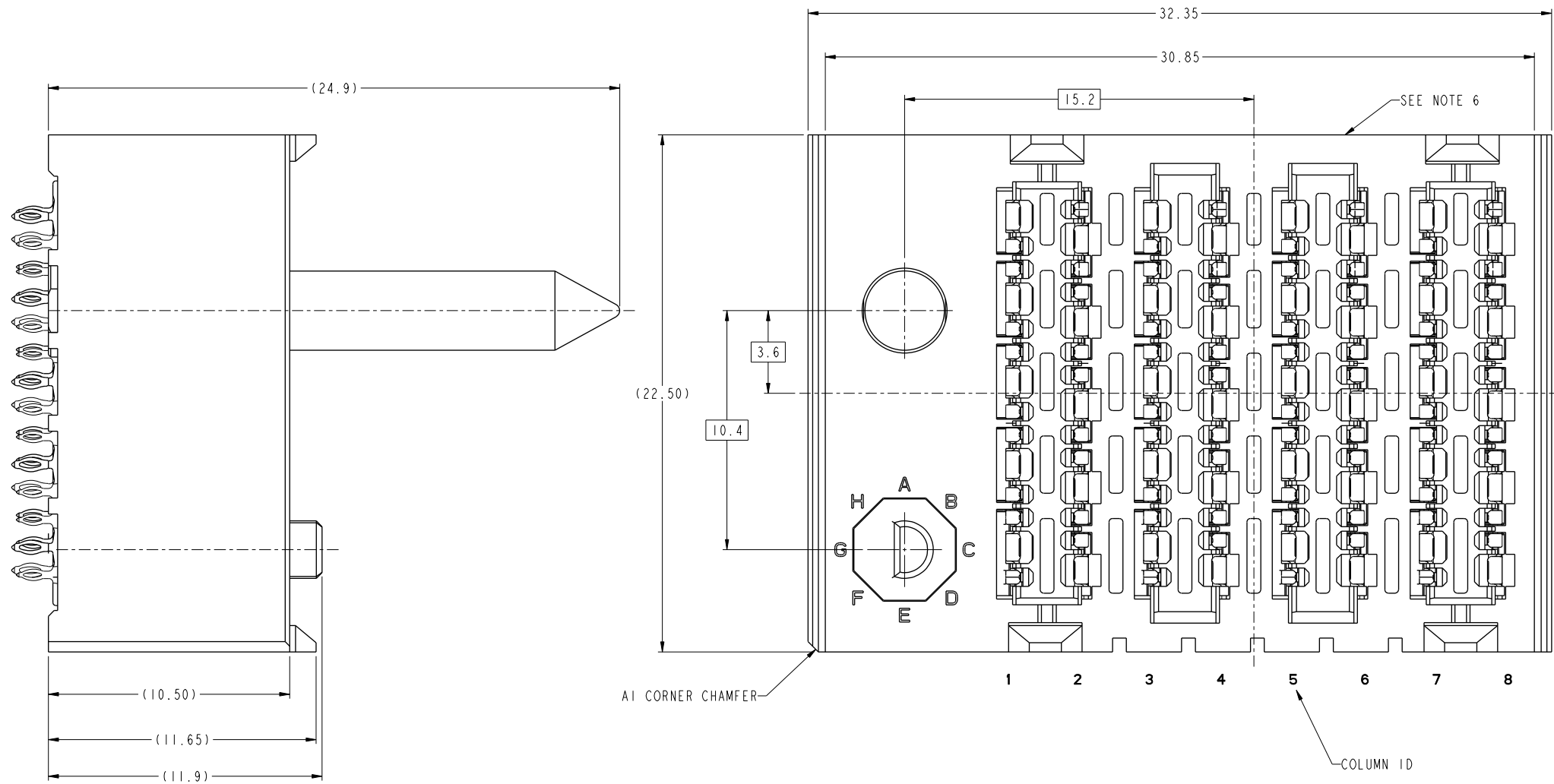
spec ref	SEE NOTES	dr	JUSTIN CHEN	2014-09-11	projection	MM	size	A2	scale	1:1									
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	HEAVEN CEN	2014-09-11			ech no												
ASME Y14.5M		chr					product family	EXaMAX	rel level	In Work									
surface	<table border="1"> <tr> <td>linear</td> <td>0.X</td> <td>±.3</td> </tr> <tr> <td></td> <td>0.XX</td> <td>±.10</td> </tr> <tr> <td></td> <td>0.XXX</td> <td>±.050</td> </tr> <tr> <td>angular</td> <td>0°</td> <td>±°</td> </tr> </table>	linear	0.X	±.3		0.XX	±.10		0.XXX	±.050	angular	0°	±°		VERT HDR ASSY, 4 PR, 8 COL 112 POS, 24/26 MM, 0.36 SIG FH PCB			eng no 10123151	rev I
linear	0.X	±.3																	
	0.XX	±.10																	
	0.XXX	±.050																	
angular	0°	±°																	
		www.fci.com	col. no.	SEE TABLE	Product - Customer	Draw	sheet 8 of 17												



**RECOMMENDED PCB LAYOUT FOR
10123151-Y1YLF w/o END WALLS
COMPONENT SIDE
SEE NOTES 7, 8, 9, & 11**

Copyright FCI

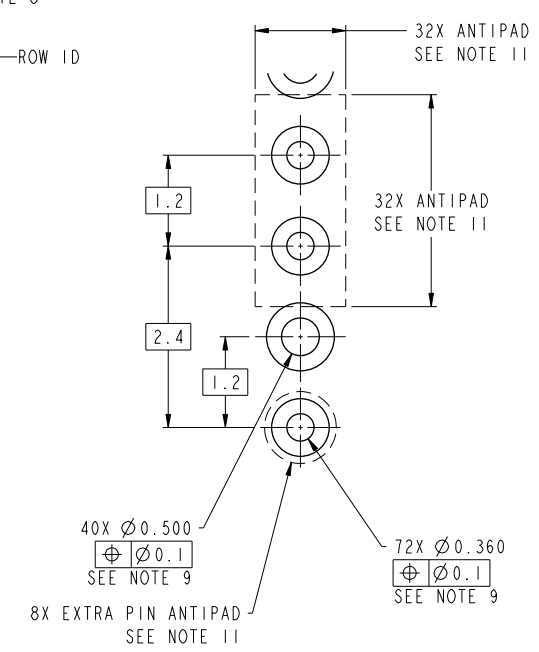
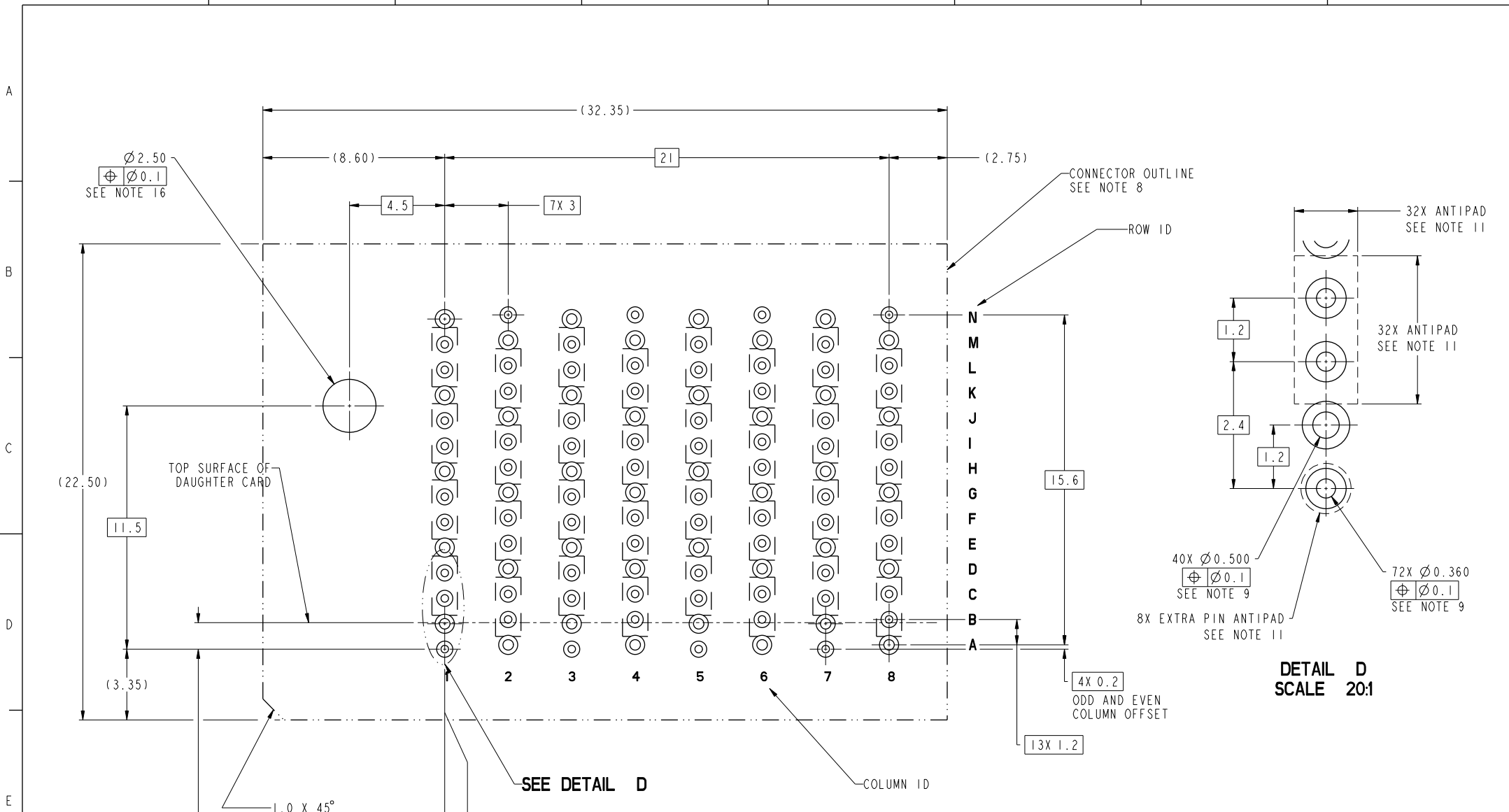
spec ref	SEE NOTES	dr	JUSTIN CHEN	2014-09-11	projection	MM	size	A2	scale	1:1											
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	HEAVEN CEN	2014-09-11			ech no														
ASME Y14.5M		chr					product family	EXaMAX	rel level	In Work											
surface	<table border="1"> <tr> <td>linear</td> <td>0.X</td> <td>±.3</td> </tr> <tr> <td></td> <td>0.XX</td> <td>±.10</td> </tr> <tr> <td></td> <td>0.XXX</td> <td>±.050</td> </tr> <tr> <td>angular</td> <td>0°</td> <td>±°</td> </tr> </table>	linear	0.X	±.3		0.XX	±.10		0.XXX	±.050	angular	0°	±°	app							
linear	0.X	±.3																			
	0.XX	±.10																			
	0.XXX	±.050																			
angular	0°	±°																			
				VERT HDR ASSY, 4 PR, 8 COL 112 POS, 24/26 MM, 0.36 SIG FH PCB		eng no 10123151		rev I													
		www.fci.com		col. no. SEE TABLE		Product - Customer Drw		sheet 9 of 17													



10123151-Y1LLF THRU -Y1WLF
 RIGHT GUIDANCE CONNECTOR w/END WALLS
 FOR ALL OTHER DIMENSIONS SEE SHEET 1

Copyright FCI.

spec ref	SEE NOTES	dr	JUSTIN CHEN	2014-09-11	projection	MM	size	A2	scale	1:1							
tolerance std	ASME Y14.5M	eng	HEAVEN CEN	2014-09-11			ech no										
	TOLERANCES UNLESS OTHERWISE SPECIFIED	chr					product family	EXaMAX	rel level	In Work							
surface	<table border="1"> <tr> <td>linear</td> <td>0.X</td> <td>±.3</td> </tr> <tr> <td></td> <td>0.XX</td> <td>±.10</td> </tr> <tr> <td></td> <td>0.XXX</td> <td>±.050</td> </tr> <tr> <td>angular</td> <td>0°</td> <td>±°</td> </tr> </table>	linear	0.X	±.3		0.XX	±.10		0.XXX	±.050	angular	0°	±°		VERT HDR ASSY, 4 PR, 8 COL 112 POS, 24/26 MM, 0.36 SIG FH PCB	eng no 10123151	rev 1
linear	0.X	±.3															
	0.XX	±.10															
	0.XXX	±.050															
angular	0°	±°															
		www.fci.com	col. no.	SEE TABLE	Product - Customer Drw	sheet 10 of 17											

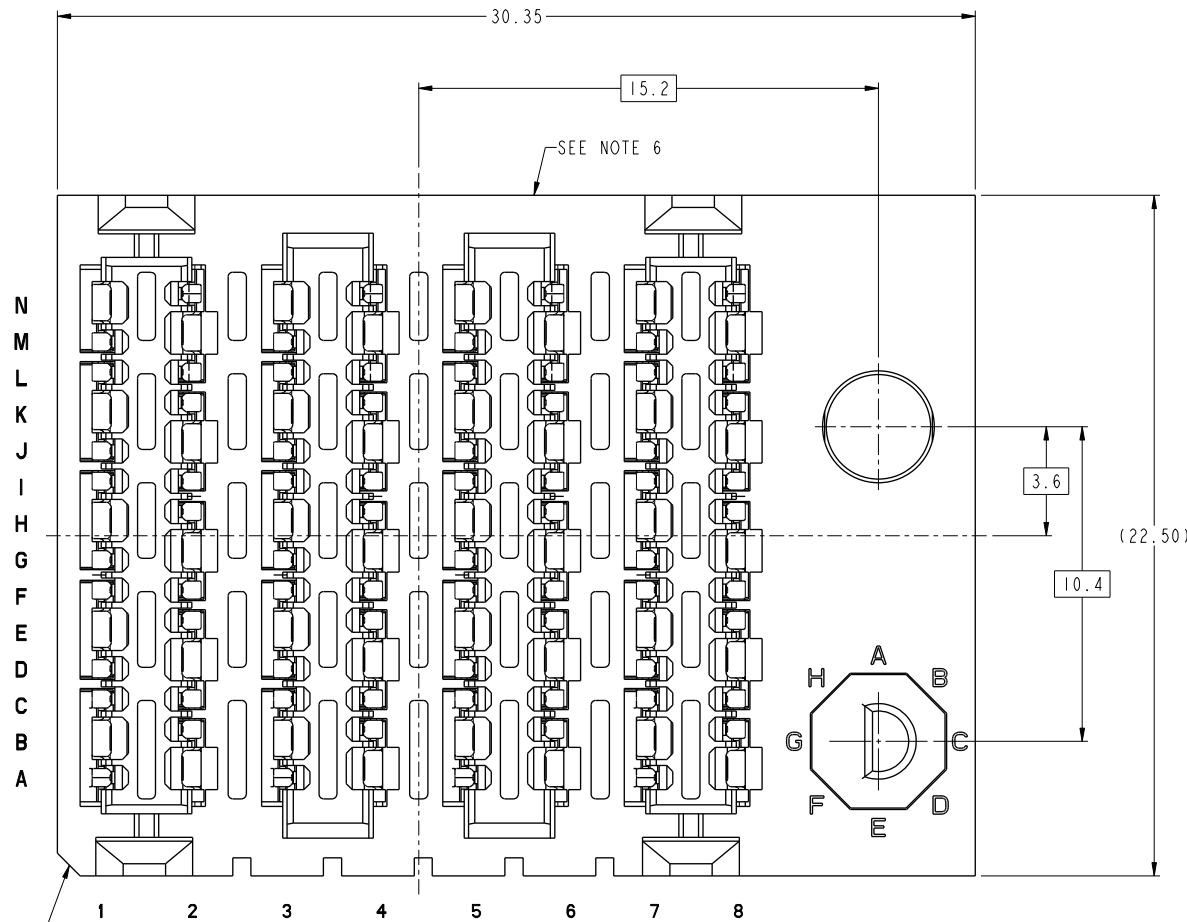


DETAIL D
SCALE 20:1

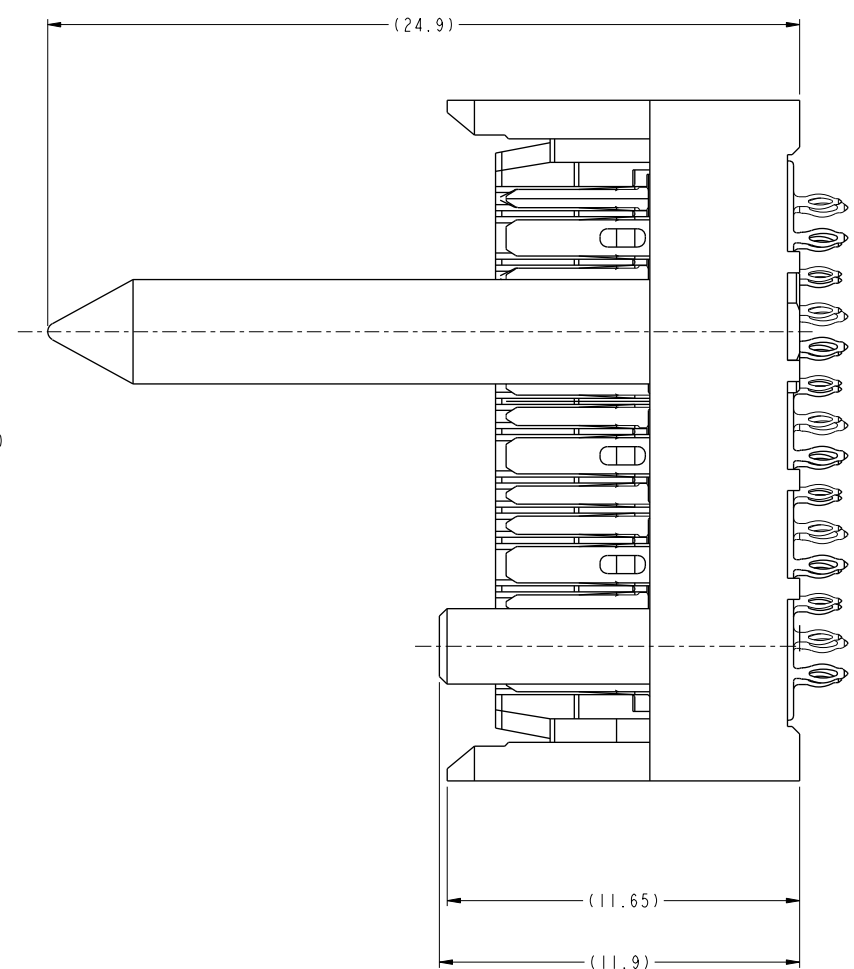
**RECOMMENDED PCB LAYOUT FOR
10123151-Y1YLF w/END WALLS
COMPONENT SIDE
SEE NOTES 7, 8, 9, & 11**

spec ref	SEE NOTES	dr	JUSTIN CHEN	2014-09-11	projection	MM	size	A2	scale	1:1												
tolerance std	ASME Y14.5M	eng	HEAVEN CEN	2014-09-11			ech no															
	TOLERANCES UNLESS OTHERWISE SPECIFIED	chr					product family	EXaMAX	rel level	In Work												
surface	<table border="1"> <tr> <td>linear</td> <td>0.X</td> <td>±.3</td> </tr> <tr> <td></td> <td>0.XX</td> <td>±.10</td> </tr> <tr> <td></td> <td>0.XXX</td> <td>±.050</td> </tr> <tr> <td>angular</td> <td>0°</td> <td>±°</td> </tr> </table>	linear	0.X	±.3		0.XX	±.10		0.XXX	±.050	angular	0°	±°	appr				VERT HDR ASSY, 4 PR, 8 COL 112 POS, 24/26 MM, 0.36 SIG FH PCB	eng no 10123151	rev 1		
linear	0.X	±.3																				
	0.XX	±.10																				
	0.XXX	±.050																				
angular	0°	±°																				
		www.fci.com	col. no.	SEE TABLE	Product - Customer	Draw	sheet 11 of 17															

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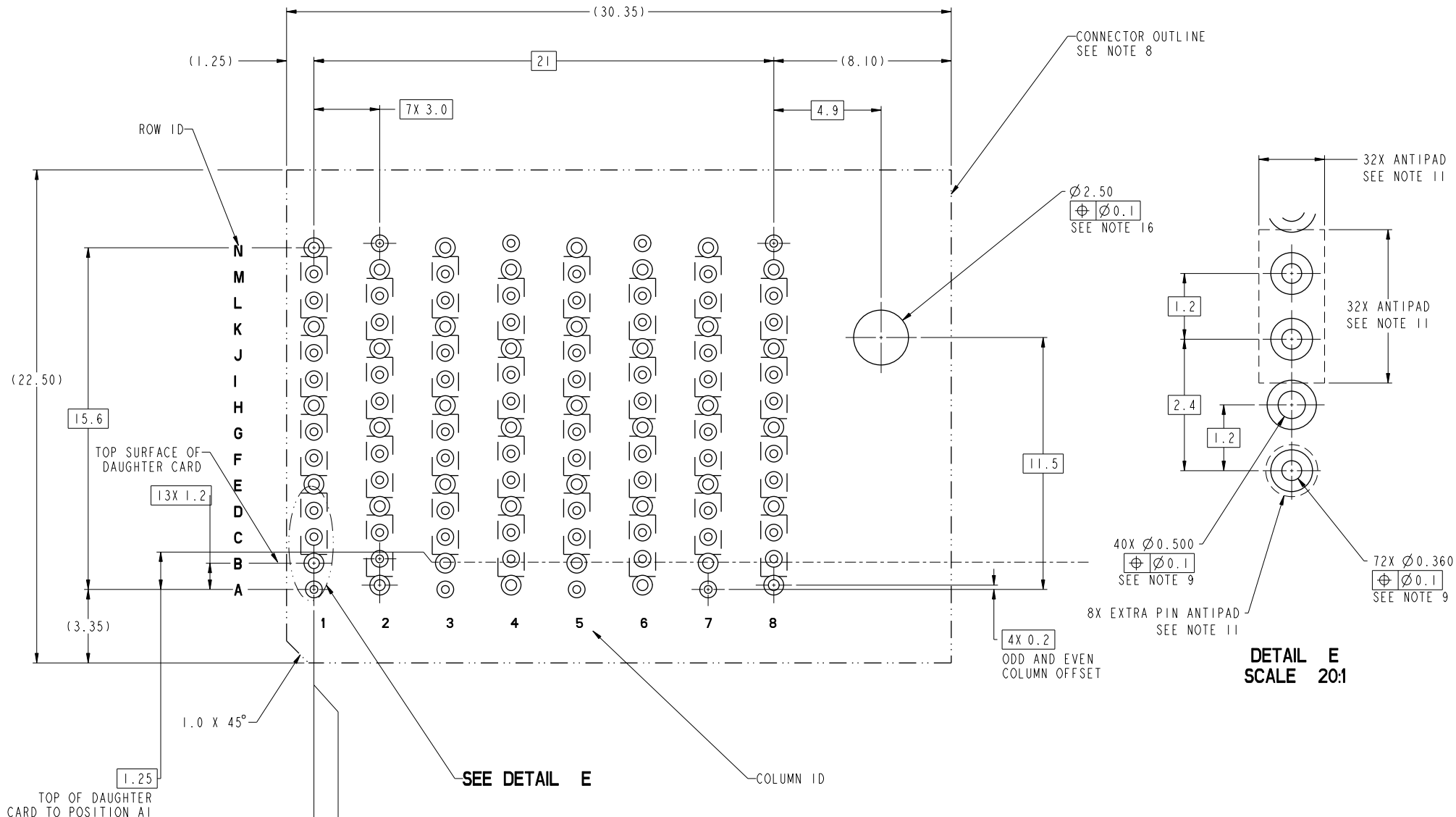


10123151-Y2ALF THRU -Y2JLF
LEFT GUIDANCE CONNECTOR
FOR ALL OTHER DIMENSIONS SEE SHEET 1



10123151-Y2ALF THRU -Y2JLF
LEFT GUIDANCE CONNECTOR
FOR ALL OTHER DIMENSIONS SEE SHEET 1

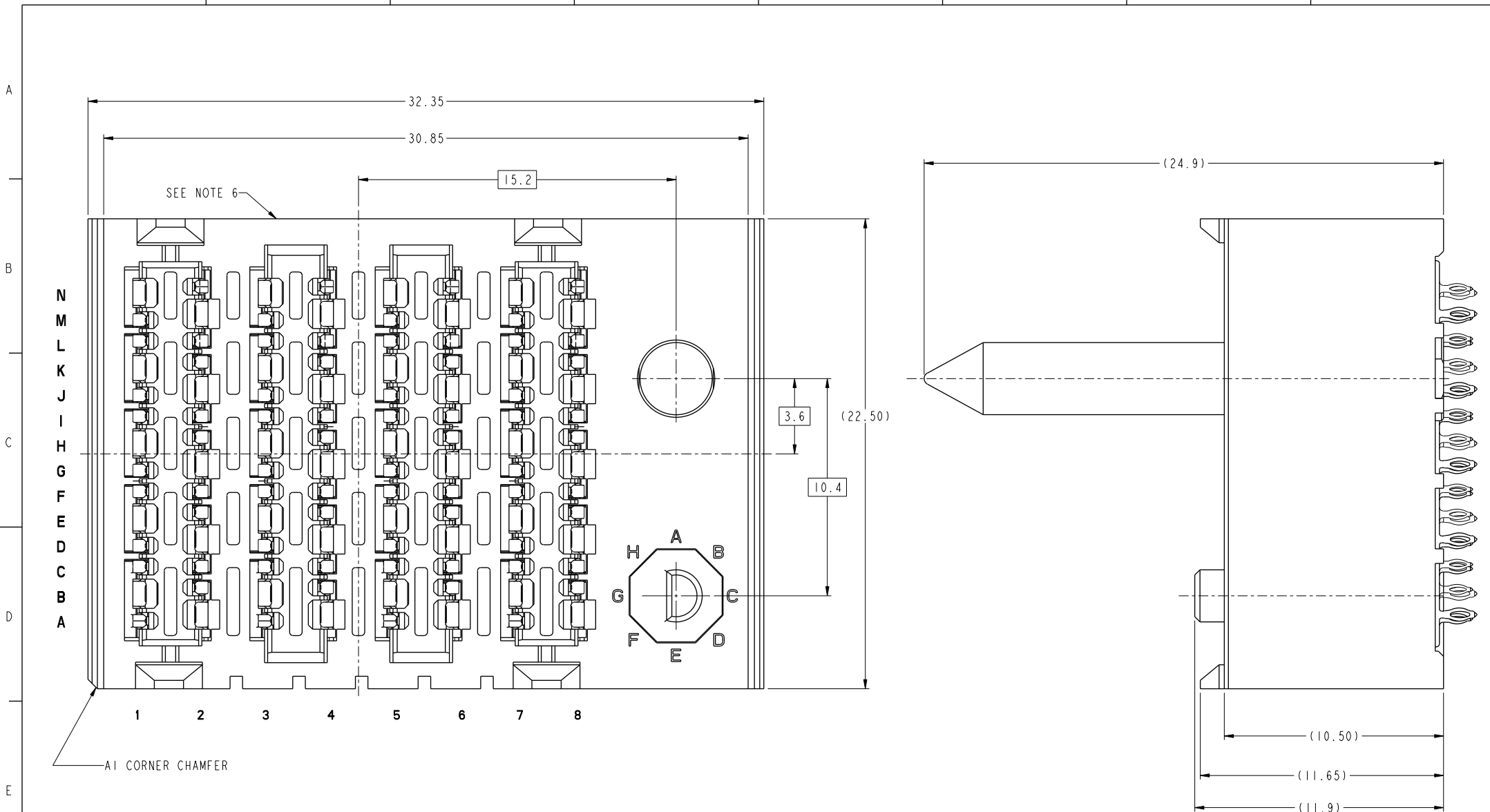
spec ref	SEE NOTES	dr	JUSTIN CHEN	2014-09-11	projection	MM	size	A2	scale	1:1														
tolerance std	ASME Y14.5M	eng	HEAVEN CEN	2014-09-11			ech no																	
	TOLERANCES UNLESS OTHERWISE SPECIFIED	chr					product family	EXaMAX	rel level	In Work														
surface	<table border="1"> <tr> <td>linear</td> <td>0.X</td> <td>±.3</td> </tr> <tr> <td></td> <td>0.XX</td> <td>±.10</td> </tr> <tr> <td></td> <td>0.XXX</td> <td>±.050</td> </tr> <tr> <td>angular</td> <td>0°</td> <td>±°</td> </tr> </table>	linear	0.X	±.3		0.XX	±.10		0.XXX	±.050	angular	0°	±°	appr				VERT HDR ASSY, 4 PR, 8 COL 112 POS, 24/26 MM, 0.36 SIG FH PCB	eng no 10123151	rev 1	www.fci.com	col. no. SEE TABLE	Product - Customer Drw	sheet 12 of 17
linear	0.X	±.3																						
	0.XX	±.10																						
	0.XXX	±.050																						
angular	0°	±°																						



**RECOMMENDED PCB LAYOUT FOR
10123151-Y2YLF w/o END WALLS
COMPONENT SIDE
SEE NOTES 7, 8, 9, & 11**

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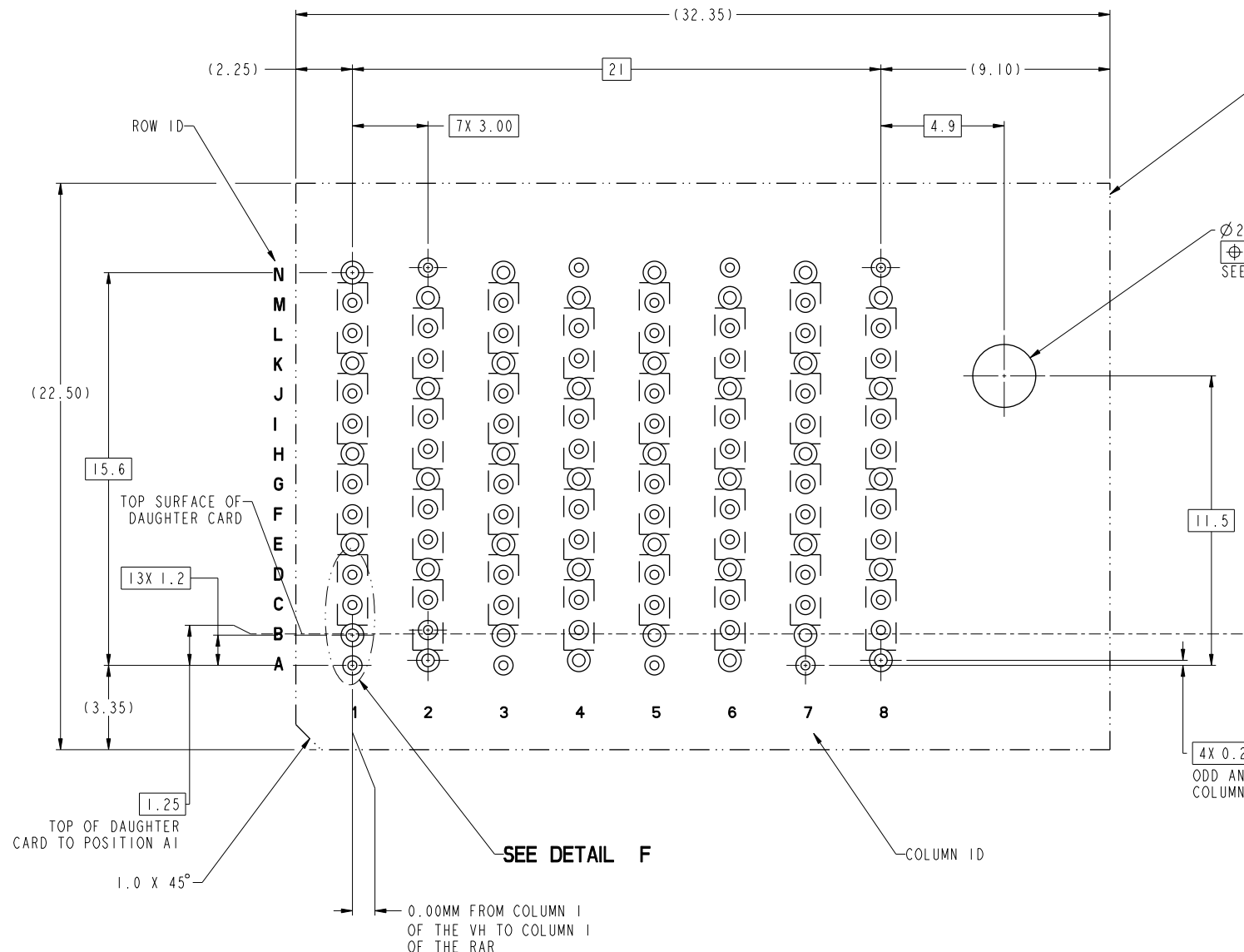
spec ref	SEE NOTES	dr	JUSTIN CHEN	2014-09-11	projection	MM	size	A2	scale	1:1							
tolerance std	ASME Y14.5M	eng	HEAVEN CEN	2014-09-11			ech no										
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr					product family	ExaMAX	rel level	In Work							
surface	<table border="1"> <tr> <td>linear</td> <td>0.X</td> <td>±.3</td> </tr> <tr> <td></td> <td>0.XX</td> <td>±.10</td> </tr> <tr> <td></td> <td>0.XXX</td> <td>±.050</td> </tr> <tr> <td>angular</td> <td>0°</td> <td>±°</td> </tr> </table>	linear	0.X	±.3		0.XX	±.10		0.XXX	±.050	angular	0°	±°		VERT HDR ASSY, 4 PR, 8 COL 112 POS, 24/26 MM, 0.36 SIG FH PCB	eng no 10123151	rev 1
linear	0.X	±.3															
	0.XX	±.10															
	0.XXX	±.050															
angular	0°	±°															
		www.fci.com	col. no.	SEE TABLE	Product - Customer Drw	sheet 13 of 17											



10123151-Y2LLF THRU -Y2WLF
 LEFT GUIDANCE CONNECTOR w/END WALLS
 FOR ALL OTHER DIMENSIONS SEE SHEET 1

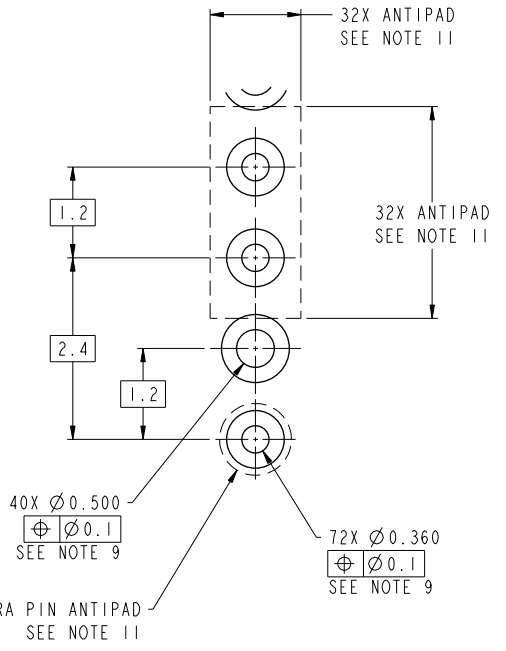
Copyright FCI.

spec ref	SEE NOTES	dr	JUSTIN CHEN	2014-09-11	projection	MM	size	A2	scale	1:1											
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	HEAVEN CEN	2014-09-11			ech no														
ASME Y14.5M		chr					product family	EXaMAX	rel level	In Work											
surface	<table border="1"> <tr> <td>linear</td> <td>0.X</td> <td>±.3</td> </tr> <tr> <td></td> <td>0.XX</td> <td>±.10</td> </tr> <tr> <td></td> <td>0.XXX</td> <td>±.050</td> </tr> <tr> <td>angular</td> <td>0°</td> <td>±°</td> </tr> </table>	linear	0.X	±.3		0.XX	±.10		0.XXX	±.050	angular	0°	±°	appr							
linear	0.X	±.3																			
	0.XX	±.10																			
	0.XXX	±.050																			
angular	0°	±°																			
		VERT HDR ASSY, 4 PR, 8 COL 112 POS, 24/26 MM, 0.36 SIG FH PCB			title 10123151	eng no 10123151	rev 1	Product - Customer Drw													
www.fci.com		col. no.		SEE TABLE		Product - Customer Drw		sheet 14 of 17													



CONNECTOR OUTLINE
SEE NOTE 8

$\varnothing 2.50$
 $\oplus \varnothing 0.1$
SEE NOTE 16




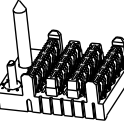









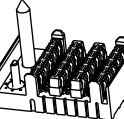









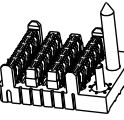









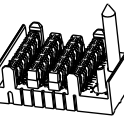









DETAIL F
SCALE 20:1

RECOMMENDED PCB LAYOUT FOR
10123151-Y2YLF w/END WALLS
COMPONENT SIDE
SEE NOTES 7, 8, 9, & 11




spec ref	SEE NOTES	dr	JUSTIN CHEN	2014-09-11	projection	MM	size	A2	scale	1:1							
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	HEAVEN CEN	2014-09-11			ech no										
ASME Y14.5M		chr					product family	ExaMAX	rel level	In Work							
surface	<table border="1"> <tr> <td>linear</td> <td>0.X</td> <td>± 0.3</td> </tr> <tr> <td></td> <td>0.XX</td> <td>± 0.10</td> </tr> <tr> <td></td> <td>0.XXX</td> <td>± 0.050</td> </tr> <tr> <td>angular</td> <td>0°</td> <td>$\pm 0°$</td> </tr> </table>	linear	0.X	± 0.3		0.XX	± 0.10		0.XXX	± 0.050	angular	0°	$\pm 0°$		VERT HDR ASSY, 4 PR, 8 COL 112 POS, 24/26 MM, 0.36 SIG FH PCB	eng no 10123151	rev 1
linear	0.X	± 0.3															
	0.XX	± 0.10															
	0.XXX	± 0.050															
angular	0°	$\pm 0°$															
		www.fci.com	col. no.	SEE TABLE	Product - Customer Drw	sheet 15 of 17											

10123151 - Y Y Y L F

ASSEMBLY PART NUMBER	DESCRIPTION	STATUS
10123151-1YYLF	STANDARD MATE	NOT TOOLED
10123151-2YYLF	ADVANCED MATE	NOT TOOLED
10123151-3YYLF	SHORT DETECT	NOT TOOLED
10123151-4YYLF	ADVANCED MATE & SHORT DETECT	NOT TOOLED

MODULE DESCRIPTION	DESIGNATION REPRESENTED IN DASH NUMBER									BASE MODULE	STATUS
	WITHOUT END WALLS (SEE SHEET 1)	01									
WITH END WALLS (SEE SHEET 6)	02										NOT TOOLED
RIGHT GUIDANCE MODULE, WITHOUT END WALLS (SEE SHEET 8)	1A	1B	1C	1D	1E	1F	1G	1H	1J (NO KEY)		NOT TOOLED
											
RIGHT GUIDANCE MODULE, WITH END WALLS (SEE SHEET 10)	1L	1M	1N	1P	1R	1T	1U	1V	1W (NO KEY)		NOT TOOLED
											
LEFT GUIDANCE MODULE, WITHOUT END WALLS (SEE SHEET 12)	2A	2B	2C	2D	2E	2F	2G	2H	2J (NO KEY)		NOT TOOLED
											
LEFT GUIDANCE MODULE, WITH END WALLS (SEE SHEET 14)	2L	2M	2N	2P	2R	2T	2U	2V	2W (NO KEY)		NOT TOOLED
											

NOTE: LEFT/RIGHT GUIDE ORIENTATION IS ESTABLISHED BY LOOKING INTO THE MATING FACE OF THE MATING RECEPTACLE.

spec ref	SEE NOTES	dr	JUSTIN CHEN	2014-09-11	projection	MM	size	A2	scale	1:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	HEAVEN CEN	2014-09-11			ech no	rel level	In Work	rev
ASME Y14.5M		chr								
surface	linear	0.X	±.3		VERT HDR ASSY, 4 PR, 8 COL	112 POS, 24/26 MM, 0.36 SIG FH PCB	eng no	10123151	Product - Customer Drw	sheet 16 of 17
	0.XX	±.10								
	0.XXX	±.050								
	angular	0°	±°	www.fci.com	col. no.	SEE TABLE				






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NOTES

- ① - CONNECTOR MATERIALS:
HOUSING: HIGH TEMP THERMOPLASTIC, BLACK, UL94-V0
IMLA PLASTIC: HIGH TEMP THERMOPLASTIC, BLACK, UL94-V0
CONTACT: COPPER ALLOY
ORGANIZER: METAL
- 2 - CONTACT PLATING:
SEPARABLE INTERFACE:
PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-1096 INCLUDING TELCORDIA GR-1217-CORE (NOVEMBER 1995) CENTRAL OFFICE TEST SEQUENCE

PRESS-FIT TAILS: TIN OVER NICKEL (LEAD FREE)
- 3 - PRODUCT SPECIFICATION: GS-12-1096
- 4 - APPLICATION SPECIFICATION: GS-20-0361
- 5 - PACKAGING MEETS GS-14-920 LEAD FREE LABELING SPECIFICATION.
- ⑥ - PRODUCT MARKING, (PART NUMBER & LOT CODE), ON THIS SURFACE.
- ⑦ - THE MINIMUM CENTERLINE SPACING BETWEEN ADJACENT MODULES IS 24.0 mm FOR 10123151-Y01LF AND 26.0 mm FOR 10123151-Y02LF.
- ⑧ - CONNECTOR OUTLINE MAY BE SCREEN PRINTED ONTO CUSTOMER PCB TO BE USED AS A GUIDE FOR MANUAL CONNECTOR PLACEMENT.
- ⑨ - REFER TO CUSTOMER DRAWING 10119933 FOR INFORMATION ON PCB HOLE DIAMETERS AND PLATING OPTIONS
- 10 - THIS PRODUCT MEETS THE EUROPEAN UNION DIRECTIVES & OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004
- ⑪ - REFER TO THE APPLICATION SPECIFICATION FOR TRACE ROUTING EXAMPLES THAT INCLUDE DIMENSIONS FOR ANTIPADS, TRACE WIDTHS, TRACE SPACING, ETC.
- 12 - THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C FOR 10-30 SECONDS IN A CONVECTION, INFRA-RED, OR VAPOR PHASE REFLOW OVEN.
- ⑬ - THE ADVANCED MATE HEADER, 10123151-2YYLF, WHEN MATED WITH AN ADVANCED MATE RIGHT ANGLE RECEPTACLE, 1030611-2YYLF, WILL PROVIDE 2 PAIRS OF MATING CONTACTS THAT MATE 0.75MM BEFORE THE REMAINDER OF THE SIGNAL AND GROUND CONTACTS.
- ⑭ - THE SHORT DETECT HEADER, 10123151-3YYLF, WHEN MATED WITH A RIGHT ANGLE RECEPTACLE, 10130611-1YYLF, WILL PROVIDE 1 PAIR OF MATING CONTACTS THAT MATE 1.00MM AFTER THE REMAINDER OF THE SIGNAL AND GROUND CONTACTS.
- ⑮ - THE ADVANCED MATE/SHORT DETECT HEADER, 10123151-4YYLF, WHEN MATED WITH AN ADVANCED MATE RIGHT ANGLE RECEPTACLE, 10130611-2YYLF, WILL PROVIDE 2 PAIRS OF MATING CONTACTS THAT MATE 0.75MM BEFORE THE REMAINDER OF THE SIGNAL AND GROUND CONTACTS, AND 1 PAIR OF MATING CONTACTS THAT MATE 1.00MM AFTER THE REMAINDER OF THE SIGNAL AND GROUND CONTACTS.
- ⑯ - FOR CONNECTORS WITH EITHER A RIGHT OR LEFT GUIDE MODULE, ONE PHILLIPS PAN HEAD M2 HOLD DOWN SCREW MAY BE USED TO SECURE GUIDE PIN /CONNECTOR TO THE PCB. THE SCREW LENGTH SHALL BE 2.0 - 6.0MM PLUS THE THICKNESS OF THE BOARD. SCREW IS NOT PROVIDED WITH CONNECTOR.

spec ref	SEE NOTES	dr	JUSTIN CHEN	2014-09-11	projection	MM	size	A2	scale	1:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	HEAVEN CEN	2014-09-11			ech no			
ASME Y14.5M		chr					product family	EXaMAX	rel level	In Work
surface	<input checked="" type="checkbox"/> linear		0.X	±.3		title VERT HDR ASSY, 4 PR, 8 COL 112 POS, 24/26 MM, 0.36 SIG FH PCB	eng no 10123151	rev 1	www.fci.com	col. no. SEE TABLE
			0.XX	±.10						
			0.XXX	±.050						
	<input type="checkbox"/> angular	0°	±°		Product - Customer Drw	sheet 17 of 17				