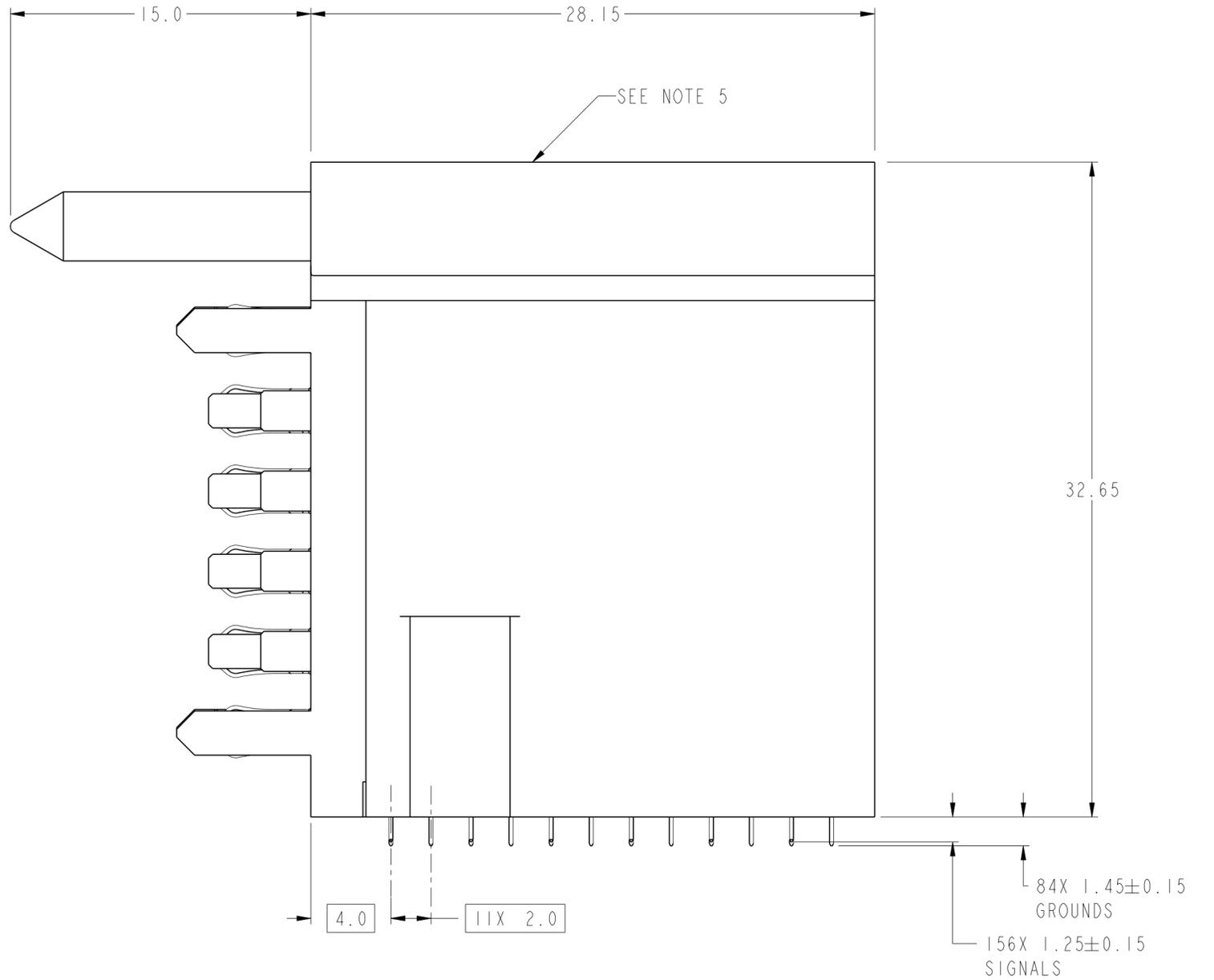
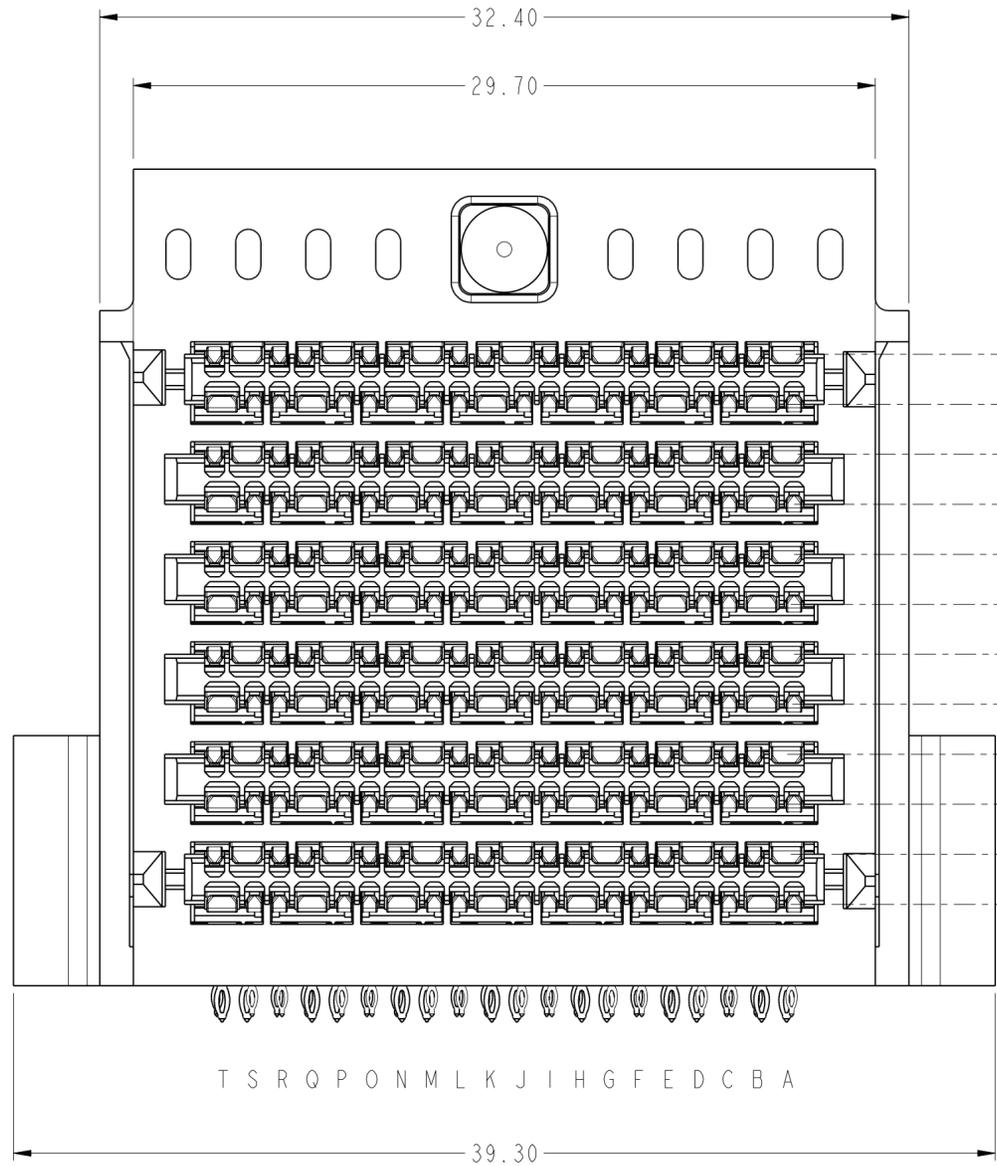


PRODUCT NUMBER	DESCRIPTION
10129181-101LF	WITH GUIDE PIN AND PCB SCREW MOUNTS



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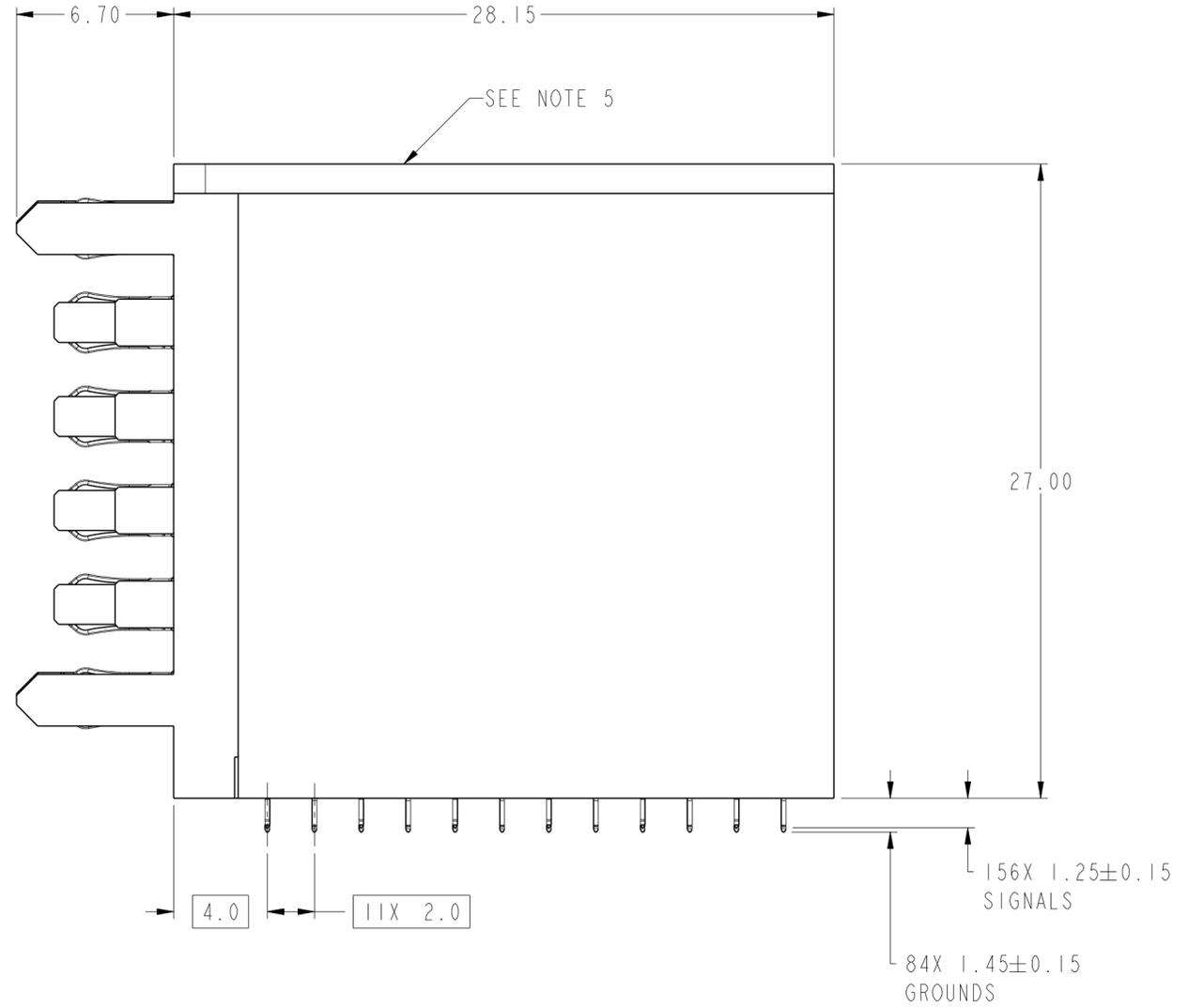
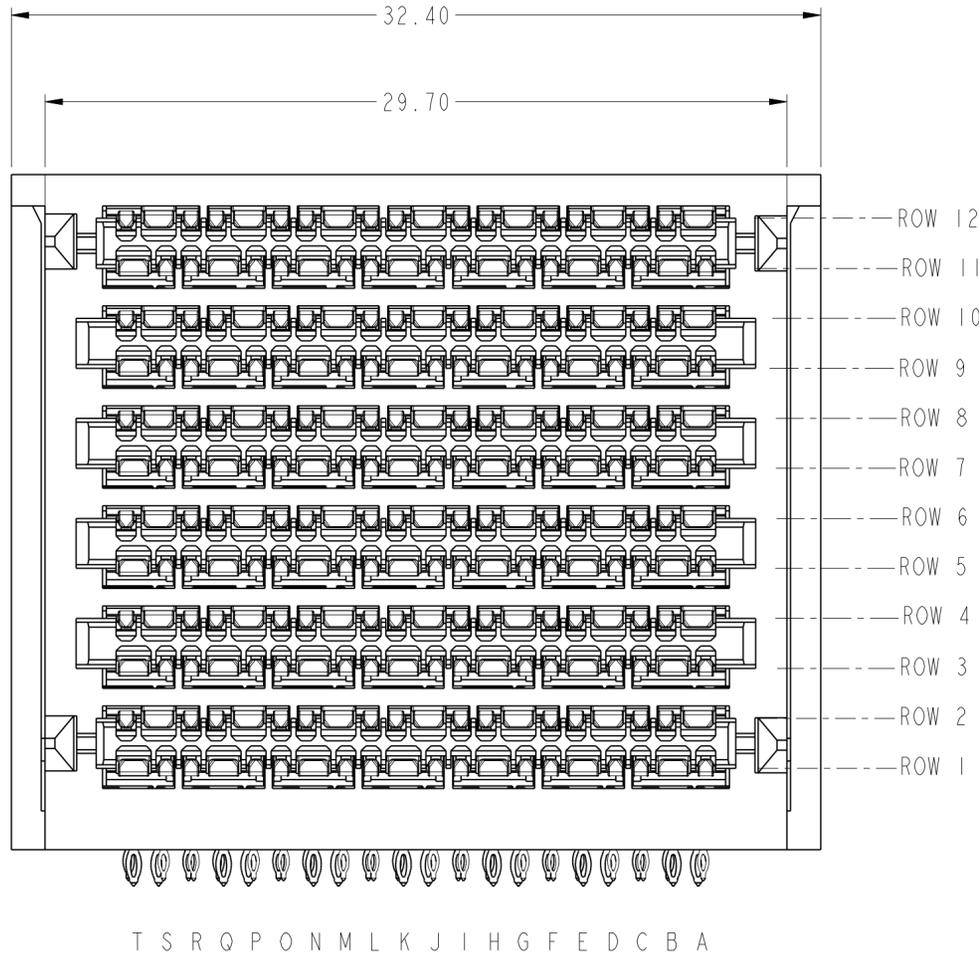
spec ref	---	dr	Mark R Gray	2014/02/24	projection	MM	size	A2	scale	5:1
tolerance std	ASME Y14.5M	eng	Peng-Bing Fu	2017/11/10			ecn no	ELX-DG-28422-1		
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	Justin Chen	2017/11/29			rel level	Released		
surface		linear	0.X	±.3	product family	ExaMAX Orthogonal R.A. Header		cat. no.	10129181	
			0.XX	±.10		6 PAIR, 12 IMLA (240 Position) ASS'Y		rev	B	
			0.XXX	±.050		Product - Customer Drw		sheet 1 of 7		
		angular	0°	±°						

PDS: Rev :B

STATUS:Released

Printed: Dec 12, 2017

PRODUCT NUMBER	DESCRIPTION
10129181-102LF	NO GUIDE PIN, NO PCB SCREW MOUNTS

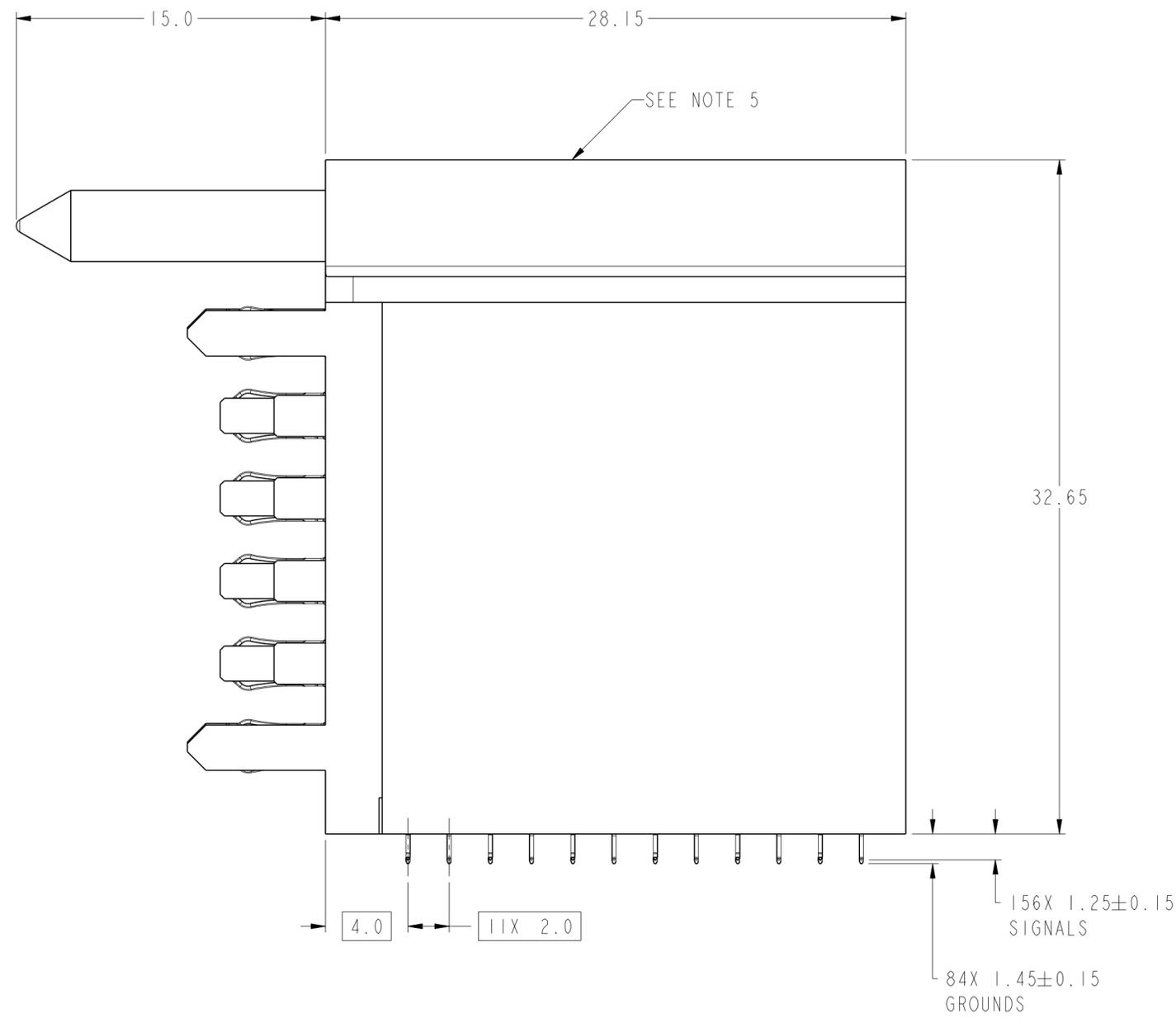
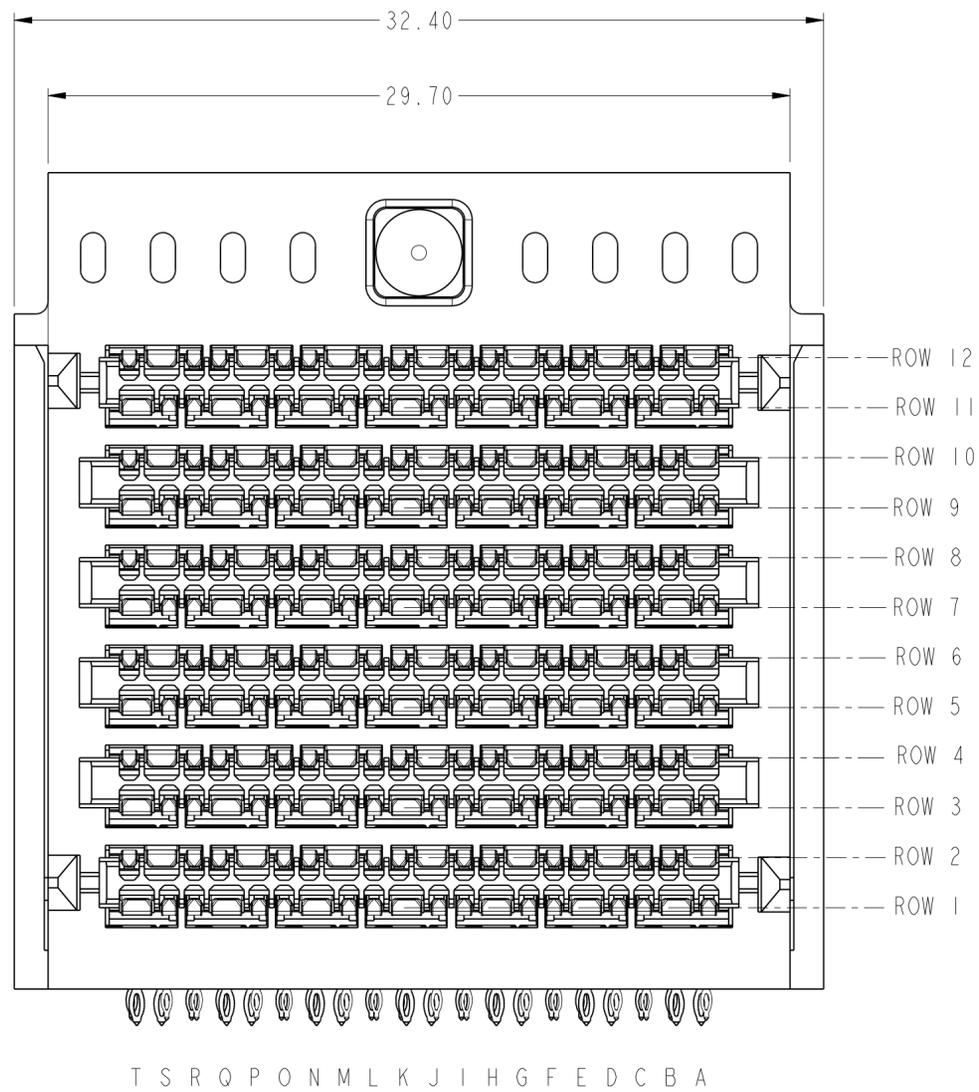


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spec ref	---	dr	Mark R Gray	2014/02/24	projection	MM	size	A2	scale	5:1											
tolerance std	ASME Y14.5M	eng	Peng-Bing Fu	2017/11/10			ecn no	ELX-DG-28422-1													
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	Justin Chen	2017/11/29			rel level	Released													
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	Heaven Cen	2017/11/30	product family	-			
linear	0.X	±.3																			
	0.XX	±.10																			
	0.XXX	±.050																			
angular	0°	±°																			
<table border="1"> <tr> <td>Amphenol FCi</td> <td>title</td> <td>ExaMAX Orthogonal R.A. Header</td> <td>dwg no</td> <td>10129181</td> <td>rev</td> <td>B</td> </tr> <tr> <td></td> <td></td> <td>6 PAIR, 12 IMLA (240 Position) ASS'Y</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>		Amphenol FCi	title	ExaMAX Orthogonal R.A. Header	dwg no	10129181	rev	B			6 PAIR, 12 IMLA (240 Position) ASS'Y					cat. no.	-			Product - Customer Drw	sheet 2 of 7
Amphenol FCi	title	ExaMAX Orthogonal R.A. Header	dwg no	10129181	rev	B															
		6 PAIR, 12 IMLA (240 Position) ASS'Y																			

PRODUCT NUMBER	DESCRIPTION
10129181-103LF	WITH GUIDE PIN, NO PCB SCREW MOUNTS

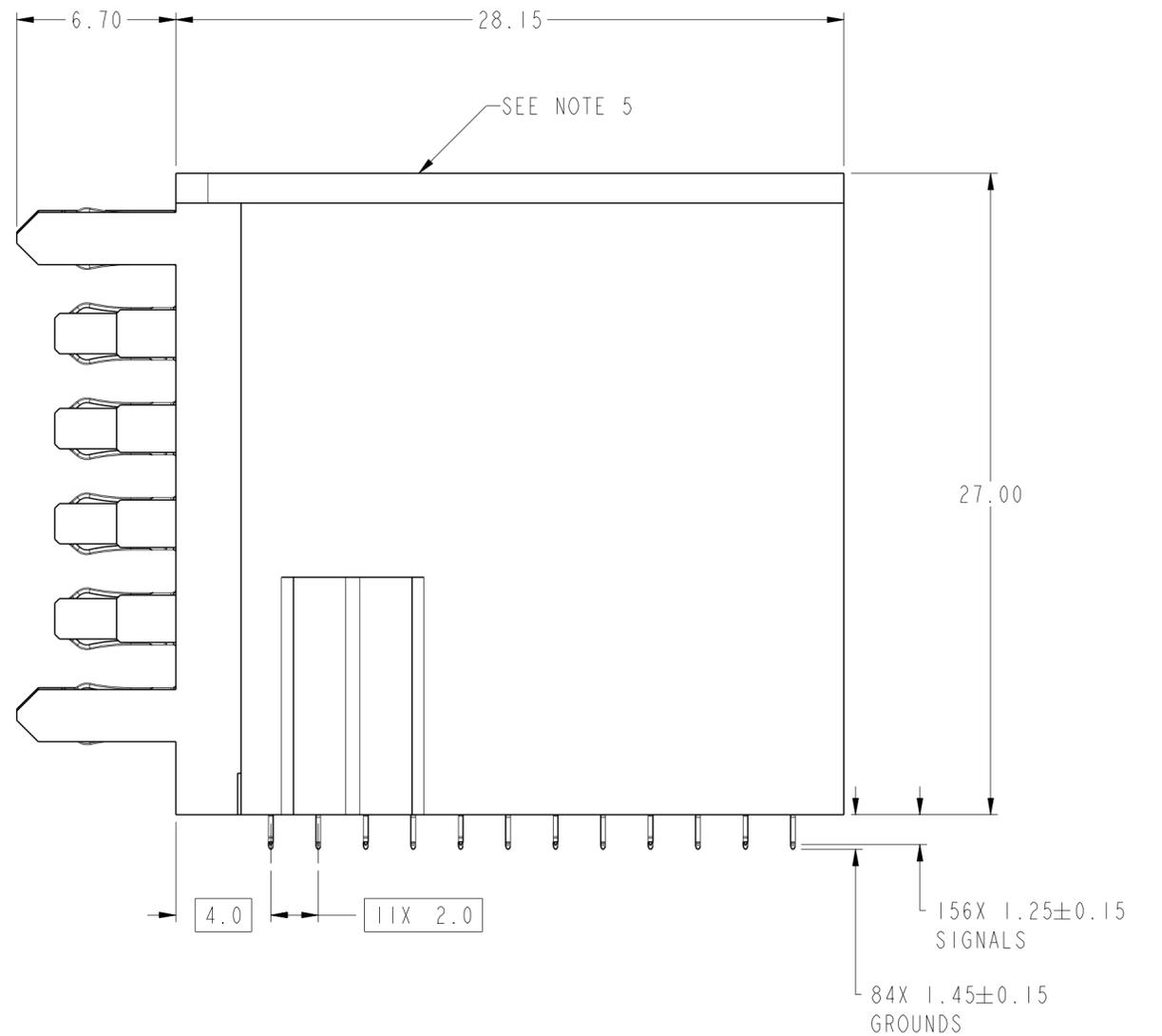
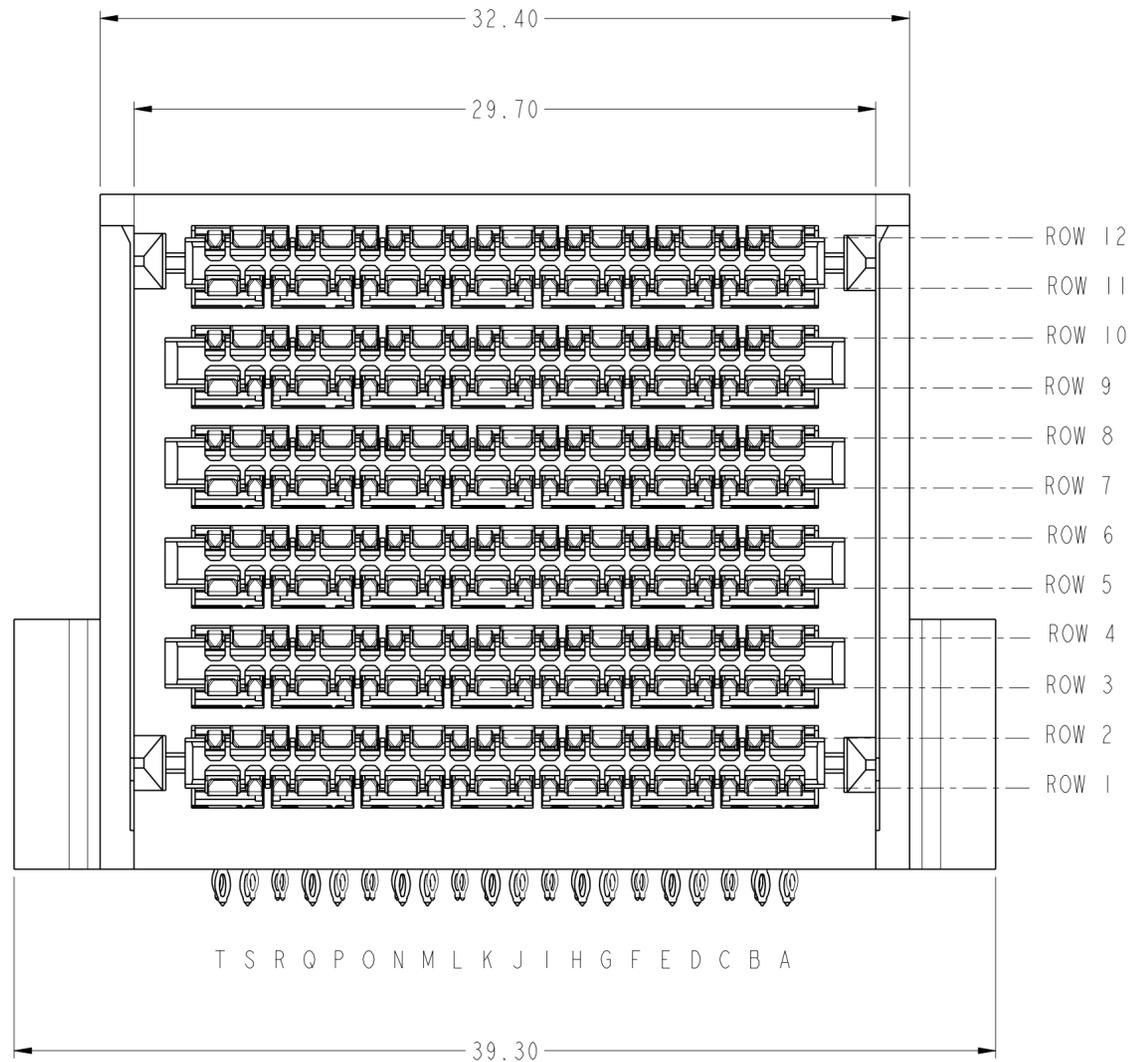


Amphenol FCI

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spec ref	---	dr	Mark R Gray	2014/02/24	projection	MM	size	A2	scale	5:1
tolerance std	ASME Y14.5M	eng	Peng-Bing Fu	2017/11/10			ecn no	ELX-DG-28422-1	rel level <b>Released</b>	rev <b>B</b>
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	Justin Chen	2017/11/29			product family	-		
surface		linear	0.X	±.3	<b>Amphenol FCI</b>	title ExaMAX Orthogonal R.A. Header 6 PAIR, 12 IMLA (240 Position) ASS'Y	dwg no 10129181	sheet 3 of 7	Product - Customer Draw	PDS: Rev :B
			0.XX	±.10						
			0.XXX	±.050						
		angular	0°	±°						

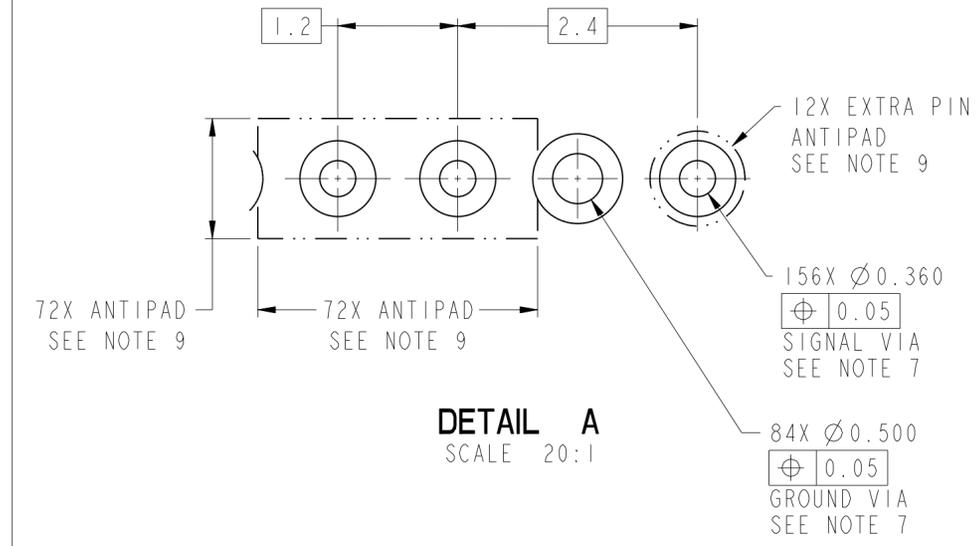
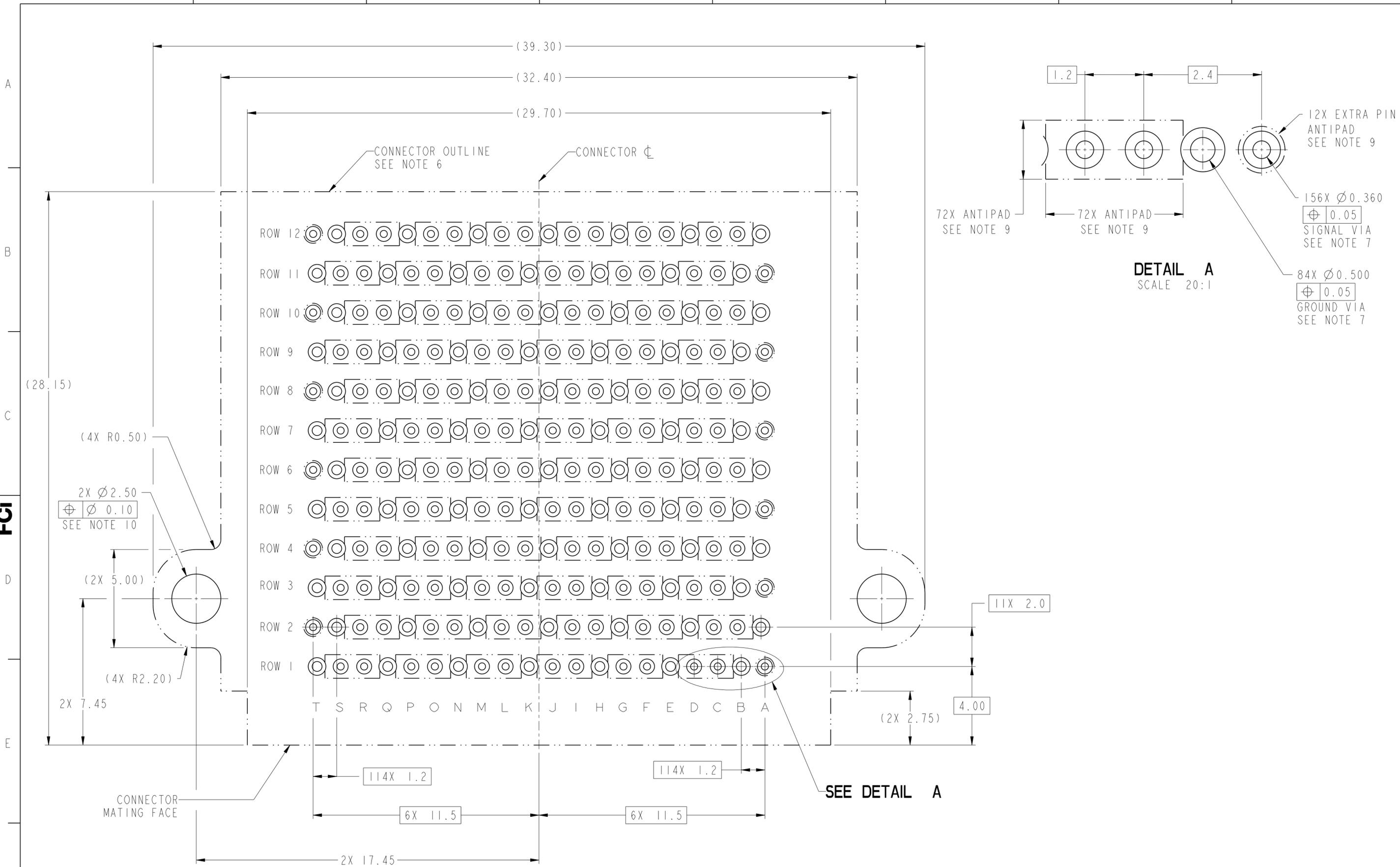
PRODUCT NUMBER	DESCRIPTION
10129181-104LF	NO GUIDE PIN, WITH PCB SCREW MOUNTS



spec ref	---	dr	Mark R Gray	2014/02/24	projection	MM	size	A2	scale	5:1												
tolerance std	ASME Y14.5M	eng	Peng-Bing Fu	2017/11/10			ecn no	ELX-DG-28422-1														
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	Justin Chen	2017/11/29			rel level	Released														
		appr	Heaven Cen	2017/11/30			product family															
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°	±°			<b>ExaMAX Orthogonal R.A. Header</b> 6 PAIR, 12 IMLA (240 Position) ASS'Y		dwg no 10129181	rev B			
linear	0.X	±.3																				
	0.XX	±.10																				
	0.XXX	±.050																				
angular	0°	±°																				
		cat. no.	-			Product - Customer Drw		sheet 4 of 7														

Amphenol FCI

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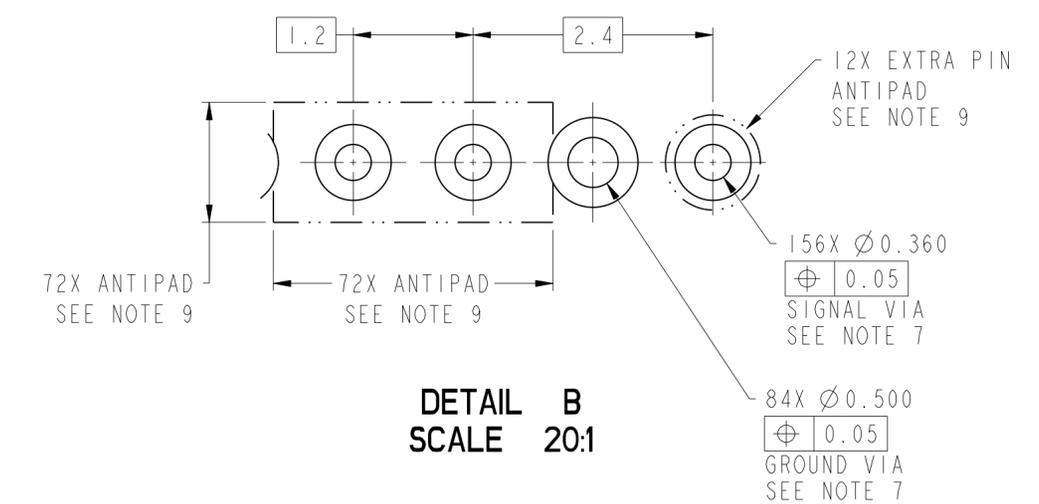
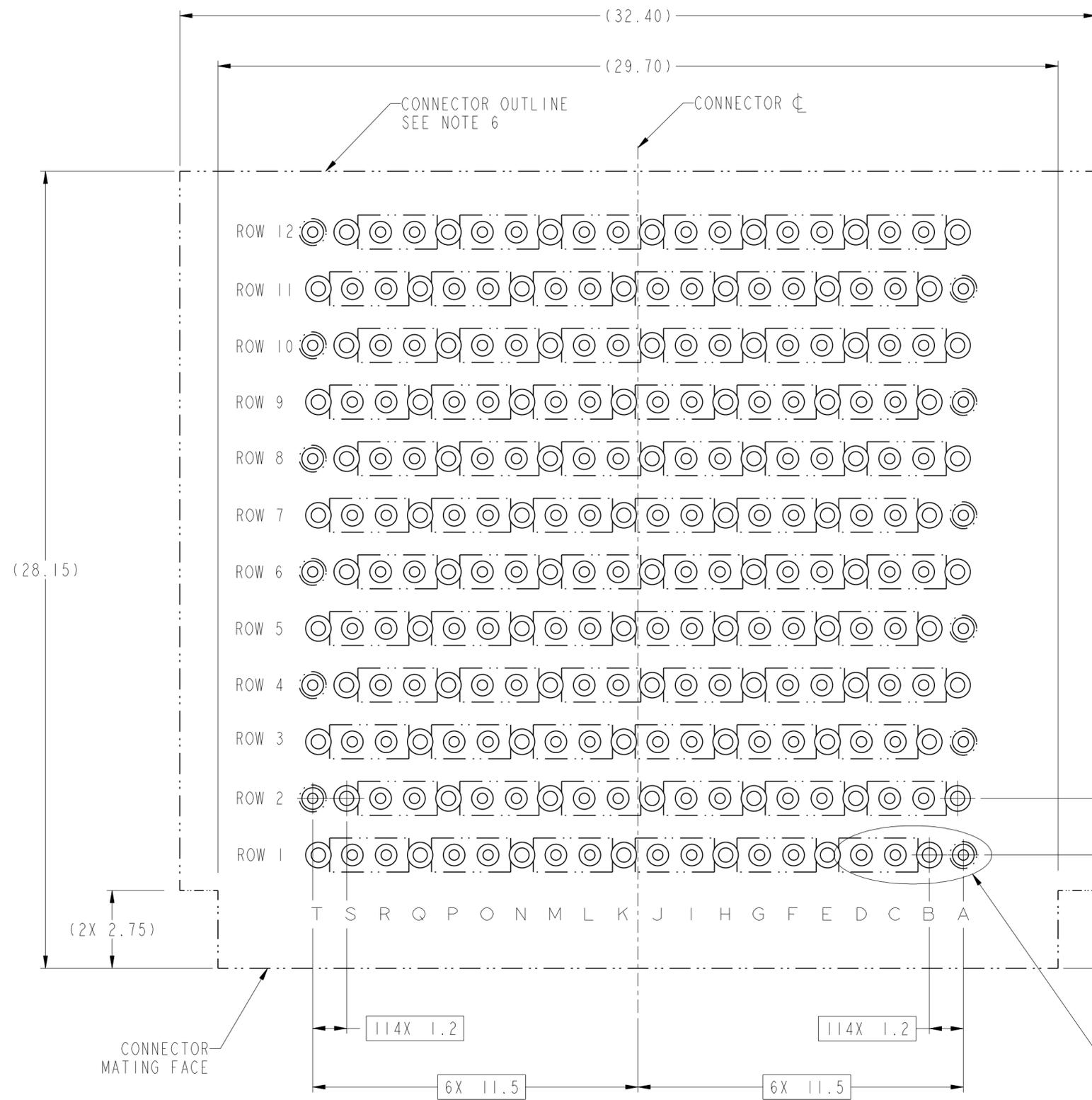


Amphenol FCI

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**RECOMMENDED PCB LAYOUT FOR P/N 10129181-101LF AND 10129181-104LF**  
**COMPONENT SIDE**  
**NOTES 6, 7, 9, & 10**  
**SCALE 8:1**

spec ref	---	dr	Mark R Gray	2014/02/24	projection	MM	size	A2	scale	2:1	
tolerance std	ASME Y14.5M	eng	Peng-Bing Fu	2017/11/10			ecn no	ELX-DG-28422-1			
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	Justin Chen	2017/11/29			rel level	Released			
		appr	Heaven Cen	2017/11/30			product family				
surface	linear 0.X ±.3 0.XX ±.10 0.XXX ±.050 angular 0° ±°			title ExaMAX Orthogonal R.A. Header 6 PAIR, 12 IMLA (240 Position) ASS'Y			cat. no. Product - Customer Drw	dwg no 10129181	rev B	sheet 5 of 7	



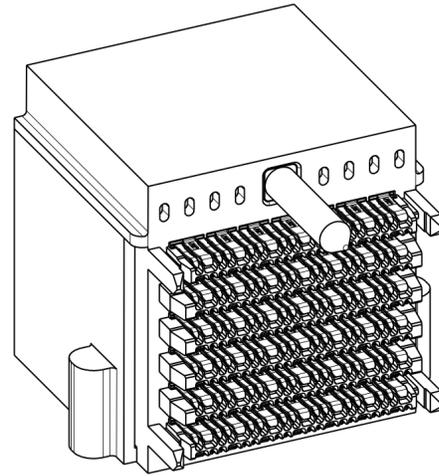
SEE DETAIL B

**RECOMMENDED PCB LAYOUT FOR P/N 10129181-102LF AND 10129181-103LF**  
**COMPONENT SIDE**  
**NOTES 6, 7, & 9**  
**SCALE 8:1**

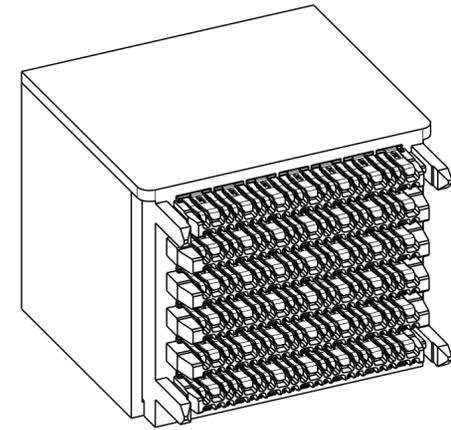
spec ref	---	dr	Mark R Gray	2014/02/24	projection	MM	size	A2	scale	4:1	
tolerance std	ASME Y14.5M	eng	Peng-Bing Fu	2017/11/10			ecn no	ELX-DG-28422-1			
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	Justin Chen	2017/11/29			rel level	Released			
surface	✓	appr	Heaven Cen	2017/11/30			product family	-			
linear	0.X ±.3	Amphenol FCI		title		ExaMAX Orthogonal R.A. Header		diag no	10129181		
	0.XX ±.10			6 PAIR, 12 IMLA (240 Position) ASS'Y		rev	B				
	0.XXX ±.050			cat. no.		Product - Customer Drw		sheet 6 of 7			
angular	0° ±°										

NOTES:

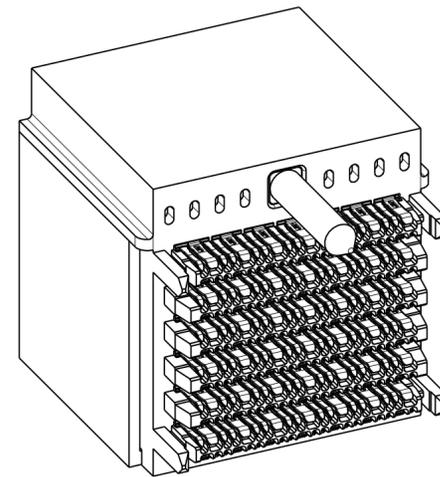
- ① - CONNECTOR MATERIALS:  
 FRONT HOUSING: HIGH TEMP THERMOPLASTIC, BLACK, UL94-V0  
 ORGANIZER: HIGH TEMP THERMOPLASTIC, BLACK, UL94-V0  
 IMLA PLASTIC: HIGH TEMP THERMOPLASTIC, BLACK, UL94-V0  
 CONTACT: COPPER ALLOY  
 GUIDE PIN: STAINLESS STEEL  
 MACHINE SCREW AND LOCK WASHER: STAINLESS STEEL
- 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 - PACKAGING MEETS GS-14-920 LEAD FREE LABELING  
 SPECIFICATION.
- ⑤ - PRODUCT MARKING, (PART NUMBER & LOT CODE), ON THIS SURFACE.
- ⑥ - CONNECTOR OUTLINE MAY BE SCREEN PRINTED ONTO CUSTOMER PCB TO  
 BE USED AS A GUIDE FOR MANUAL CONNECTOR PLACEMENT.
- ⑦ - REFER TO CUSTOMER DRAWING 10119933 FOR INFORMATION  
 ON PCB HOLE DIAMETERS AND PLATING OPTIONS
- ⑧ - LEAD FREE PRODUCT MEETS THE EUROPEAN UNION DIRECTIVES &  
 OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004
- ⑨ - REFER TO ROUTING GUIDE GS-20-0511 FOR RECOMMENDATIONS  
 ON OPTIMIZATION OF FOOTPRINT AND TRACE ROUTING LAYOUT.
- ⑩ - IT IS RECOMMENDED THAT CONNECTORS WITH THE OPTIONAL SCREW MOUNTS USE A  
 TRI-ROUNDULAR, OR TRILOBULAR® SHAPED M1.91 OR M2 THREAD FORMING SCREW DESIGNED  
 SPECIFICALLY FOR PLASTIC MATERIAL TO SECURE THE CONNECTOR TO THE PCB. THE  
 SCREW LENGTH SHOULD BE 4.00mm TO 8.00mm LONG PLUS THE BOARD THICKNESS.
- 11 - THE CONNECTOR WILL WITHSTAND EXPOSURE TO 260° C PEAK TEMPERATURE FOR 10-30  
 SECONDS IN A CONVECTION, INFRA-RED, OR VAPOR PHASE REFLOW OVEN.



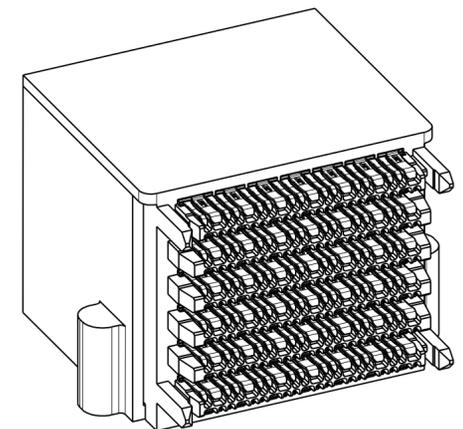
10129181-101LF



10129181-102LF



10129181-103LF



10129181-104LF

Amphenol  
FCi

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spec ref	---	dr	Mark R Gray	2014/02/24	projection	MM	size	A2	scale	2:1
tolerance std	ASME Y14.5M	eng	Peng-Bing Fu	2017/11/10			ecn no	ELX-DG-28422-1		
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	Justin Chen	2017/11/29			rel level	Released		
surface	<input checked="" type="checkbox"/> linear		0.X	±.3		<b>Amphenol FCI</b> title ExaMAX Orthogonal R.A. Header 6 PAIR, 12 IMLA (240 Position) ASS'Y	dwg no 10129181	rev B		
			0.XX	±.10						
			0.XXX	±.050						
		angular	0°	±°	cat. no.		Product - Customer Drw		sheet 7 of 7	

## Данный компонент на территории Российской Федерации

### Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

### Офис по работе с юридическими лицами:

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Факс: +7 495 668-12-70 (доб.304)

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