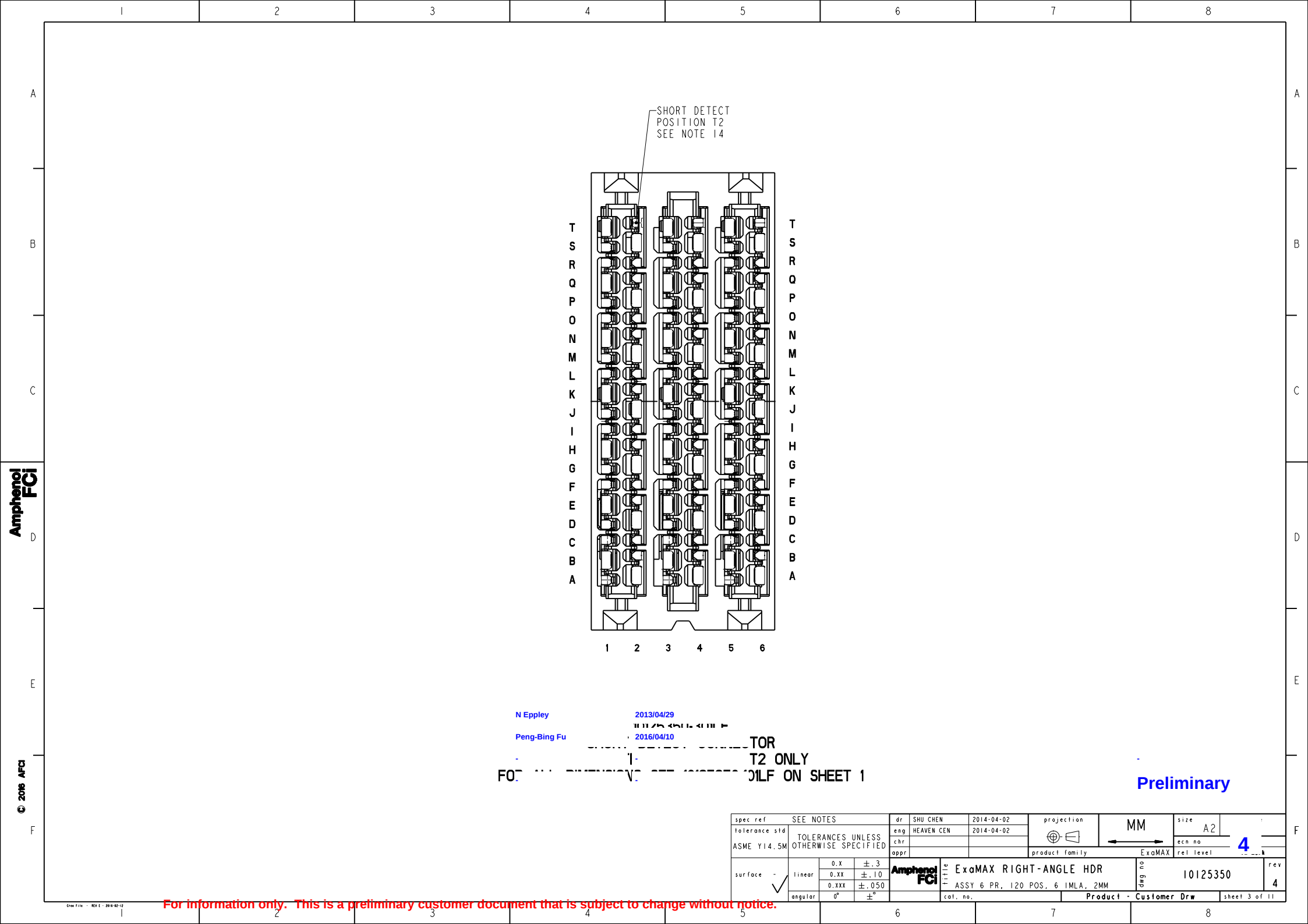


8



Amphenol
FCi

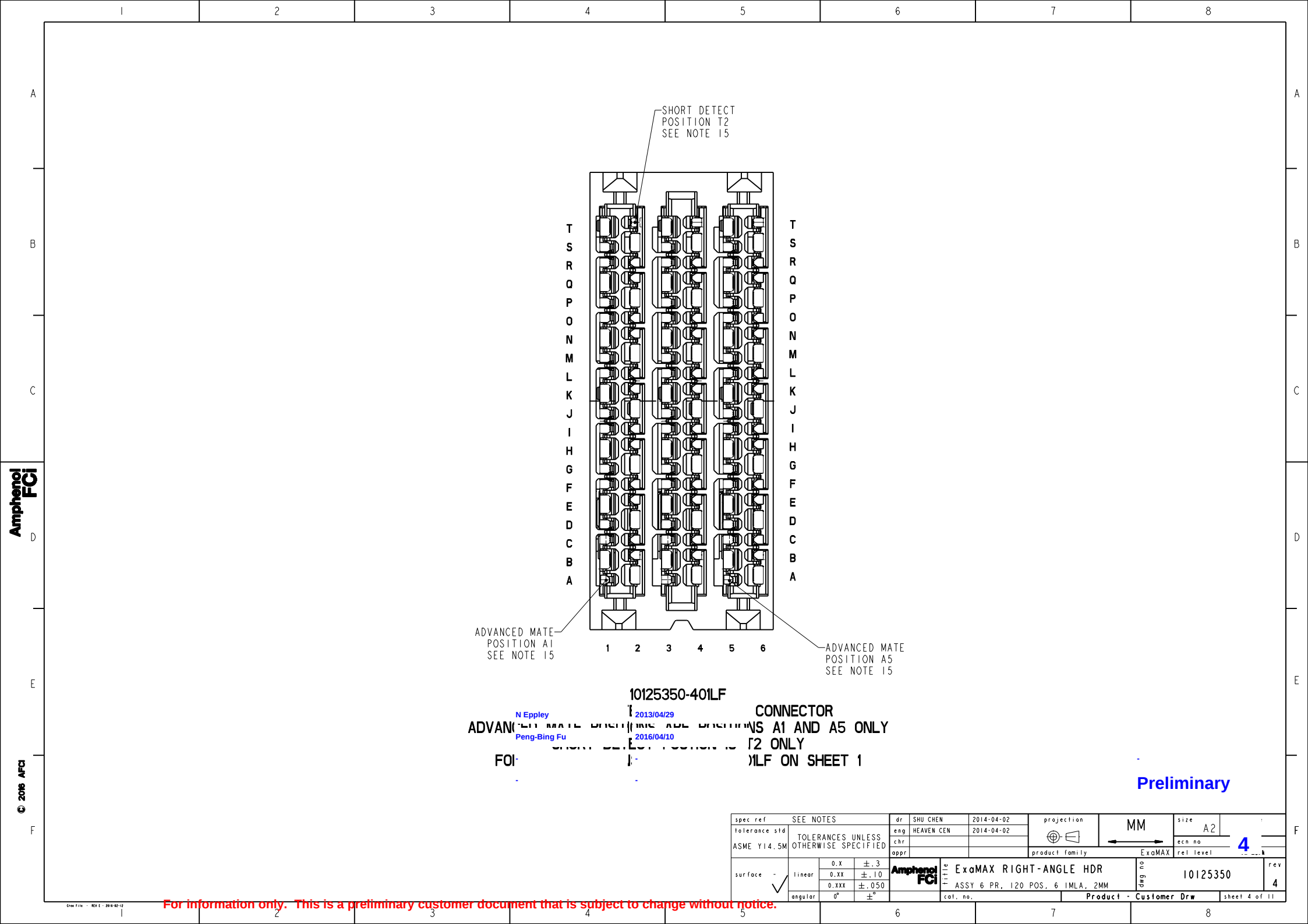
© 2016 Amphenol
FCi

N Eppley 2013/04/29
Peng-Bing Fu 2016/04/10
TOR
T2 ONLY
ONLY ON SHEET 1

Preliminary

spec ref		SEE NOTES		dr	SHU CHEN	2014-04-02	projection	MM	size	A2	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	HEAVEN CEN	2014-04-02			ech no		
ASME Y14.5M				chr					4		
				appr		product family			ExaMAX		
surface		linear	0.X	±.3	Amphenol FCI	Title	ExaMAX RIGHT-ANGLE HDR			10125350	rev
			0.XX	±.10			ASSY 6 PR, 120 POS, 6 IMLA, 2MM				
			0.XXX	±.050							
			angular	0°			±°	cat. no.			
Product - Customer Drw						sheet 3 of 11					

For information only. This is a preliminary customer document that is subject to change without notice.



10125350-401LF
CONNECTOR
ADVANCED MATE POSITION A1 AND A5 ONLY
SHORT DETECT POSITION T2 ONLY
1LF ON SHEET 1

Preliminary

spec ref		SEE NOTES		dr	SHU CHEN	2014-04-02	projection	MM	size	A2		
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	HEAVEN CEN	2014-04-02			ech no	4		
ASME Y14.5M				chr					rel level			
				appr			product family		ExaMAX			
surface		linear	0.X	±.3	Amphenol FCI	line	ExaMAX RIGHT-ANGLE HDR			drawing no	10125350	rev
			0.XX	±.10			ASSY 6 PR, 120 POS, 6 IMLA, 2MM					
			0.XXX	±.050								
			angular	0°			±°					
						cat. no.	Product - Customer Drw			sheet 4 of 11		

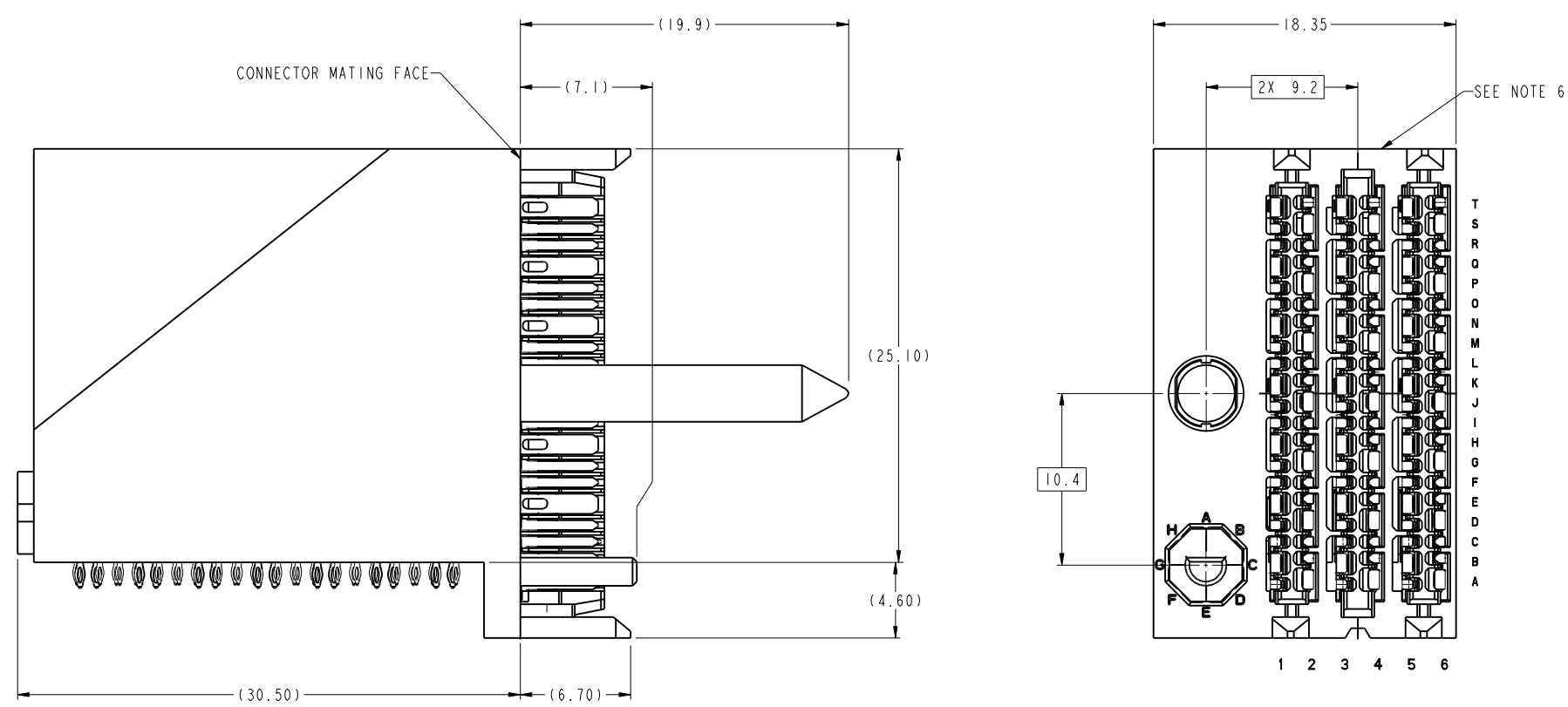
For information only. This is a preliminary customer document that is subject to change without notice.



Preliminary

Amphenol
FCi

© 2016 APCI

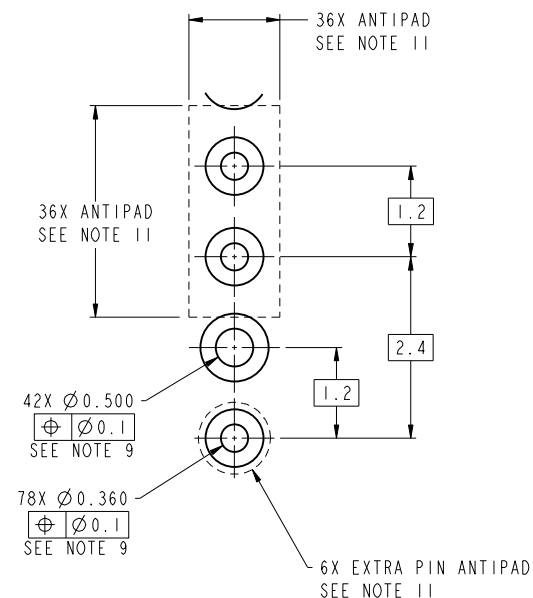
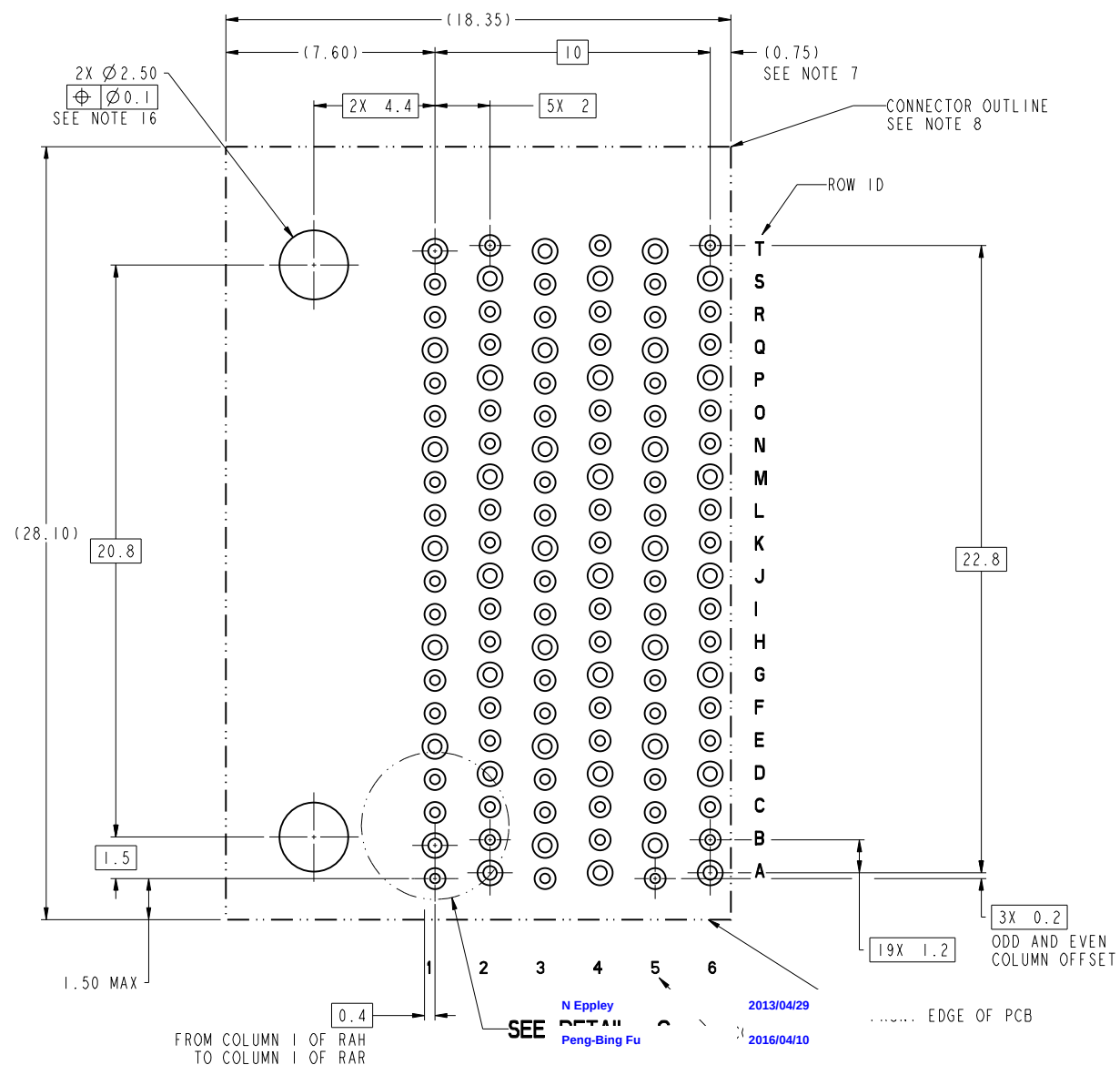


10125350-Y1ALF THRU -Y1JLF
RIGHT GUIDANCE CONNECTOR (SEE NOTE 17)
FOR ALL OTHER DIMENSIONS SEE SHEET 1

N Eppley 2013/04/29
Peng-Bing Fu 2016/04/10

Preliminary

spec ref		SEE NOTES		dr	SHU CHEN	2014-04-02	projection	MM	size	A2	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	HEAVEN CEN	2014-04-02			ech no	4	
ASME Y14.5M				chr					rel level		
				appr			product family		ExaMAX		
surface	linear	0.X	±.3		Title		ExaMAX RIGHT-ANGLE HDR		drg no	10125350	
		0.XX	±.10								
		0.XXX	±.050								
	angular	0°	±.0		ASSY 6 PR, 120 POS, 6 IMLA, 2MM		Product - Customer Drw		sheet 6 of 11		
					cat. no.					4	

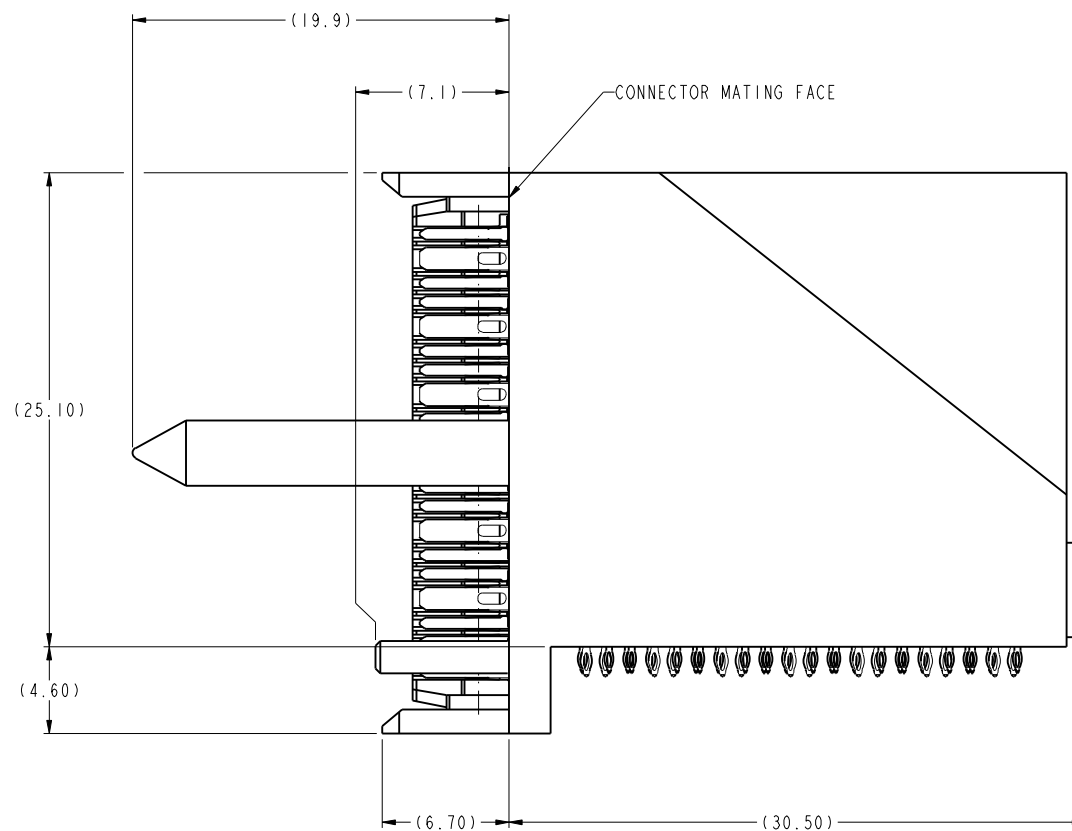
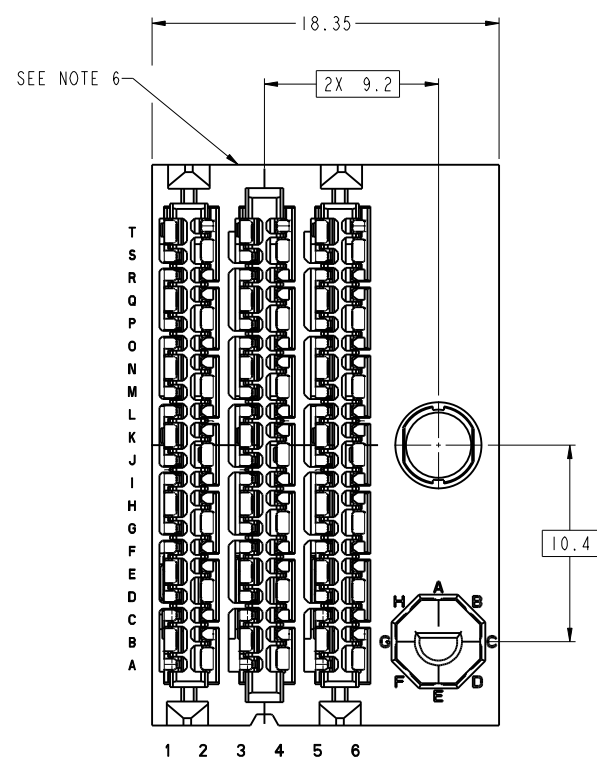


DETAIL C
SCALE 20:1

Preliminary

RECOMMENDED FOR ENLIGHTENED
10125350-Y1ALF THRU -Y1JLF
w/RIGHT GUIDANCE AND NO END WALLS
COMPONENT SIDE
SEE NOTES 7, 8, 9, 11, & 16

spec ref	SEE NOTES		dr	SHU CHEN	2014-04-02	projection			size	A2		
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	HEAVEN CEN	2014-04-02			MM	ecn no	4		
ASME Y14.5M			chr					product family	ExaMAX	rel level		
surface		linear	0.X	±.3		ExaMAX RIGHT-ANGLE HDR				drg no	10125350	re
			0.XX	±.10								
			0.XXX	±.050								
		angular	0°	±								
			title	ASSY 6 PR, 120 POS, 6 IMLA, 2MM				cat. no.	Product - Customer Drw		sheet 7 of 11	



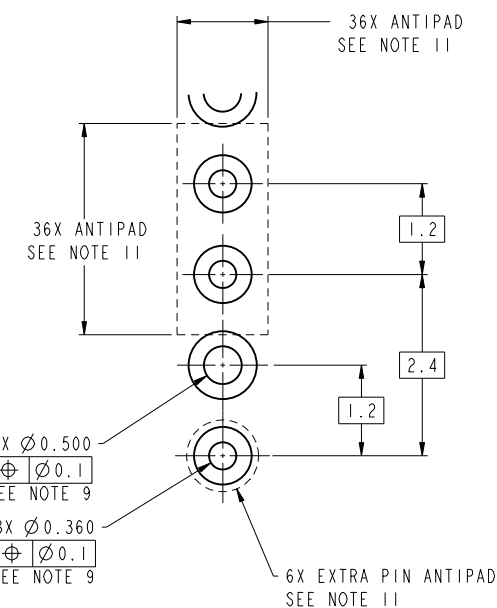
10125350-Y2ALF THRU -Y2JLF
LEFT GUIDANCE CONNECTOR (SEE NOTE 17)
FOR ALL OTHER ^{N Eppley} : 2013/04/29

Peng-Bing Fu

2016/04/10

Preliminary

spec ref	SEE NOTES			dr	SHU CHEN	2014-04-02	projection 	MM 	size	A2	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	HEAVEN CEN	2014-04-02			ecn no		4
ASME Y14.5M				appr					product family	ExaMAX	rel level
surface ✓	linear	0.X	±.3	Amphenol FCI	ExaMAX RIGHT-ANGLE HDR ASSY 6 PR, 120 POS, 6 1MLA, 2MM				drg no 10125350	re	4
		0.XX	±.10								
		0.XXX	±.050								
		0°	±.								
	angular			cat. no.	Product - Customer Drw				sheet 8 of 11		



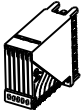
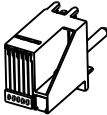
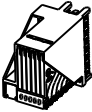
DETAIL E
SCALE 20:1

Preliminary

RECOMMENDED PCB LAYOUT FOR
10125350-Y2ALF THRU -Y2JLF
w/LEFT GUIDANCE AND NO END WALLS
COMPONENT SIDE
SEE NOTES 7, 8, 9, 11, & 16

spec ref	SEE NOTES			dr	SHU CHEN	2014-04-02	projection		MM	size	A2	ecn no	4	rel level
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	HEAVEN CEN	2014-04-02				product family	ExaMAX			
ASME Y14.5M				chr										
				appr										
surface	linear	0.X	±.3	Amphenol FCI	ExaMAX RIGHT-ANGLE HDR					dwg no	10125350	re		
		0.XX	±.10		ASSY 6 PR, 120 POS, 6 1MLA, 2MM									
		0.XXX	±.050											
	angular	0°	±.0											
					cal. no.	Product - Customer Dwg					sheet 9 of 1			

10125350 - Y Y Y L F

MODULE DESCRIPTION	DESIGNATION REPRESENTED IN DASH NUMBER									BASE MODULE
STANDARD NO GUIDANCE (SEE SHEET 1)	01									
RIGHT GUIDANCE MODULE (SEE SHEET 6)	1A	1B	1C	1D	1E	1F	1G	1H	1J (NO KEY)	
										
LEFT GUIDANCE MODULE (SEE SHEET 8)	2A	2B	2C	2D	2E	2F	2G	2H	2J (NO KEY)	
										

ASSEMBLY PART NUMBER	DESCRIPTION
10125350-1YYLF	STANDARD MATE
10125350-2YYLF	ADVANCED MATE
10125350-3YYLF	SHORT DETECT
10125350-4YYLF	ADVANCED MATE & SHORT DETECT

N Eppley 2013/04/29
Peng-Bing Fu 2016/04/10

Preliminary

spec ref	SEE NOTES		dr	SHU CHEN	2014-04-02	projection	MM	size	A2	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	HEAVEN CEN	2014-04-02			ech no	4	
ASME Y14.5M			chr					rel level		
surface	linear	0.X	±.3		ExaMAX RIGHT-ANGLE HDR		ang no	10125350		
		0.XX	±.10							
		0.XXX	±.050							
	angular	0°	±°	cat. no.	Product - Customer Drw		sheet 10 of 11			

For information only. This is a preliminary customer document that is subject to change without notice.

NOTES

- 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-12-1096
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 VIA SPACING BETWEEN STACKED CONNECTORS WILL BE 2.0 mm
OR 3.0 mm AS DEFINED BY NOTE 7 ON THE MATING RECEPTACLE CUSTOMER
DRAWING. REFER TO THE APPLICATION SPECIFICATION FOR DETAILS.
- 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, 10125350-2YYLF, WHEN MATED
WITH AN ADVANCED MATE RECEPTACLE 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, 10125350-3YYLF, WHEN MATED
WITH A STANDARD MATE RECEPTACLE WILL PROVIDE 1 PAIR
OF MATING CONTACTS THAT MATE 1.00 MM AFTER THE
REMAINDER OF THE SIGNAL AND GROUND CONTACTS.
- ⑮- THE ADVANCED MATE/SHORT DETECT HEADER, 10125350-4YYLF, WHEN MATED
WITH AN ADVANCED MATE RECEPTACLE WILL PROVIDE 2 PAIRS OF MATING
CONTACTS THAT MATE 0.75 MM BEFORE THE REMAINDER OF THE SIGNAL AND
GROUND CONTACTS AND 1 PAIR OF MATING CONTACTS THAT MATE 1.00 MM
AFTER THE REMAINDER OF THE SIGNAL AND GROUND CONTACTS.
- ⑯- FOR CONNECTORS WITH EITHER A RIGHT OF LEFT GUIDE MODULE, TWO
PHILLIPS PAN HEAD M2 HOLD-DOWN SCREWS MUST BE USED TO SECURE THE
CONNECTOR TO THE PCB. THE SCREW LENGTH SHALL BE 2.0-6.0mm PLUS
THE THICKNESS OF THE PCB BOARD. SCREWS ARE NOT PROVIDED WITH THE CONNECTOR.
- ⑰- LEFT / RIGHT INTEGRATED GUIDE ORIENTATION IS DETERMINED BY THE LOCATION OF THE GUIDE
FEATURES WHEN LOOKING AT THE MATING FACE OF THE RIGHT ANGLE RECEPTACLE. THE LEFT / RIGHT
DESIGNATION OF THE MATING HEADER IS DEFINED BY THE RIGHT ANGLE RECEPTACLE THAT IT MATES
WITH (i.e. A RIGHT GUIDE RIGHT ANGLE HEADER MATES WITH A RIGHT GUIDE RIGHT ANGLE RECEPTACLE).
- ⑱- ALL GROUND CONTACTS WITHIN A COLUMN ARE COMMONED

N Eppley 2013/04/29
Peng-Bing Fu 2016/04/10

Preliminary

spec ref	SEE NOTES		dr	SHU CHEN	2014-04-02	projection			size	A2			
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	HEAVEN CEN	2014-04-02			ecn no	4				
ASME Y14.5M			chr					rel level					
surface	linear	0.X	±.3	Amphenol FCI	Title ExaMAX RIGHT-ANGLE HDR			cat. no.	ang no	10125350	rev	4	
		0.XX	±.10										
		0.XXX	±.050										
		angular	0°										±°
						Product - Customer Drw			sheet 11 of 11				

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [High Speed/Modular Connectors](#) category:

Click to view products by [Amphenol](#) manufacturer:

Other Similar products are found below :

[2332816-1](#) [89006-1137LF](#) [650827-1](#) [65762-001LF](#) [73474-201LF](#) [74040-1346](#) [74075-0267](#) [88911-201LF](#) [9514M0C20D](#) [1410191-1](#)
[1410337-1](#) [1410368-3](#) [1410964-2](#) [1410326-3](#) [1410367-3](#) [1410971-4](#) [1467833-1](#) [2000877-1](#) [2000878-1](#) [2041314-1](#) [2065387-1](#) [2187307-1](#)
[2187462-1](#) [2226278-6](#) [KA81-07](#) [91290-101LF](#) [1934290-1](#) [2000875-1](#) [2065917-1](#) [2102736-2](#) [FSR-40](#) [2169868-2](#) [2226279-2](#) [22354-8](#) [437-](#)
[5040-000](#) [5-1393565-0](#) [532449-3](#) [532803-2](#) [34745-0001](#) [0740618502](#) [0760151403](#) [0760551105](#) [0760551608](#) [0761451128](#) [0761651124](#)
[0761655108](#) [0761659807](#) [0769853208](#) [0736440217](#) [0758324203](#)