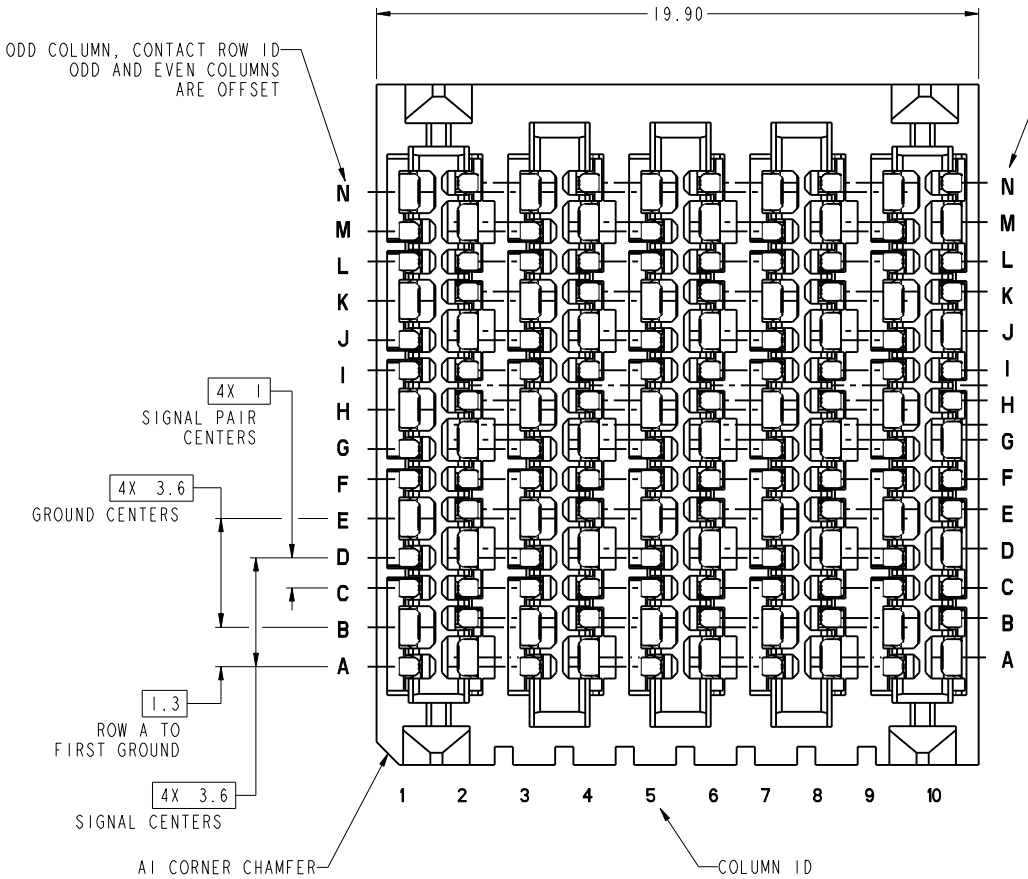
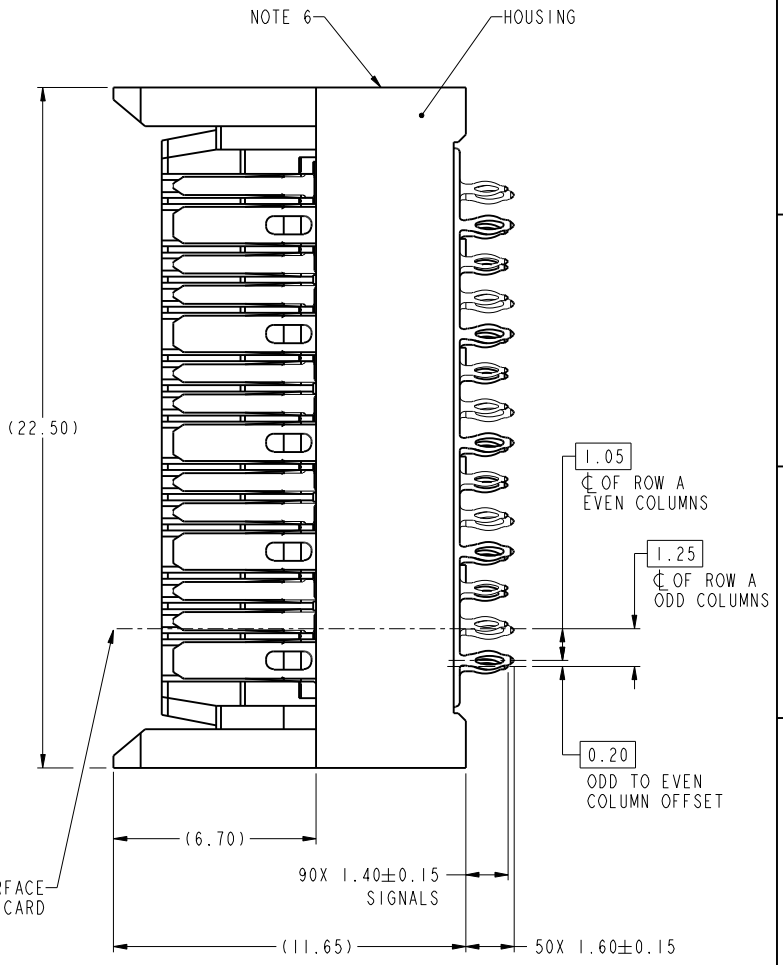
PRODUCT NUMBER
SEE SHEET 10





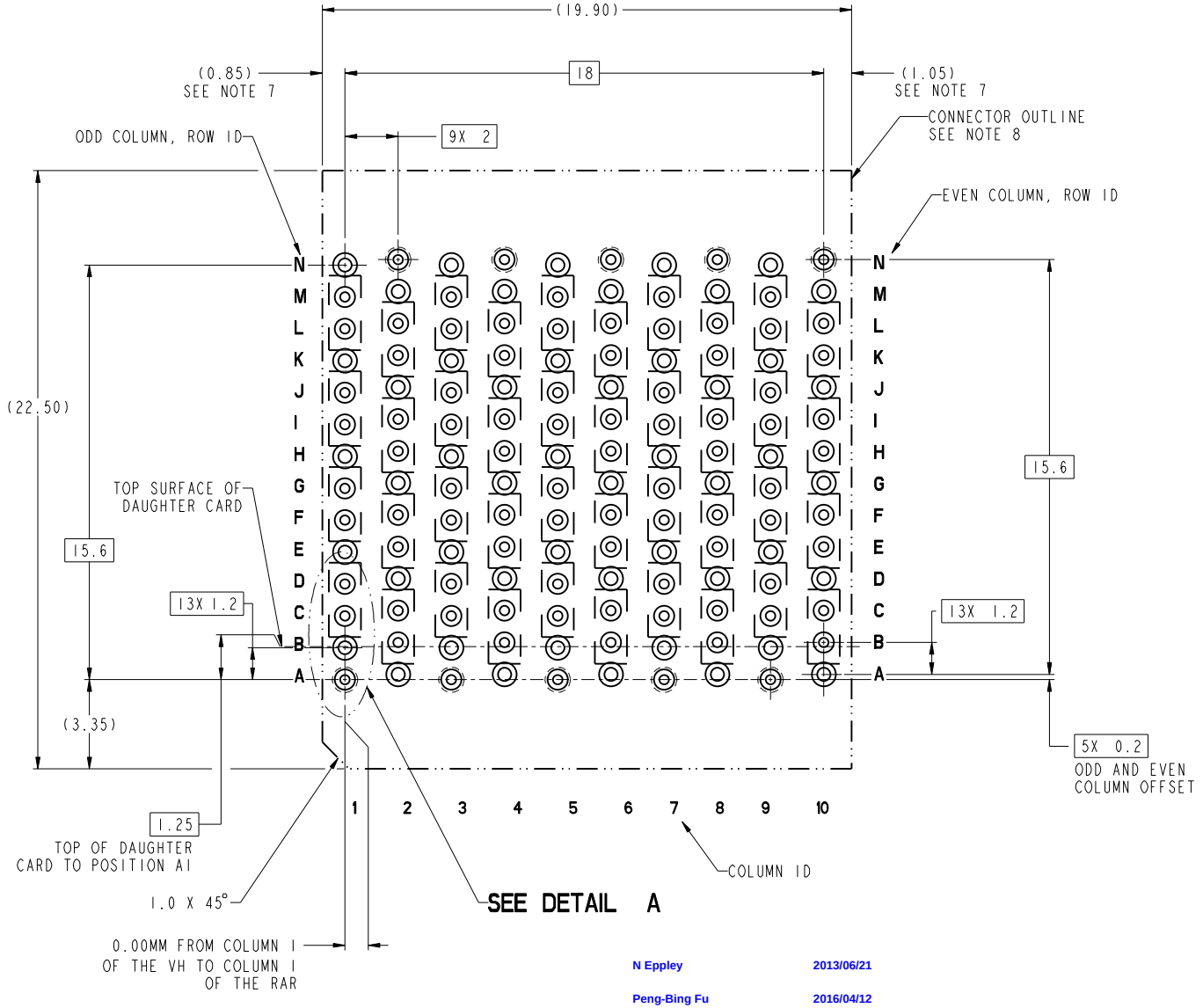
N Eppley	2013/06/21	
Peng-Bing Fu	2016/04/12	
-	-	
-	-	

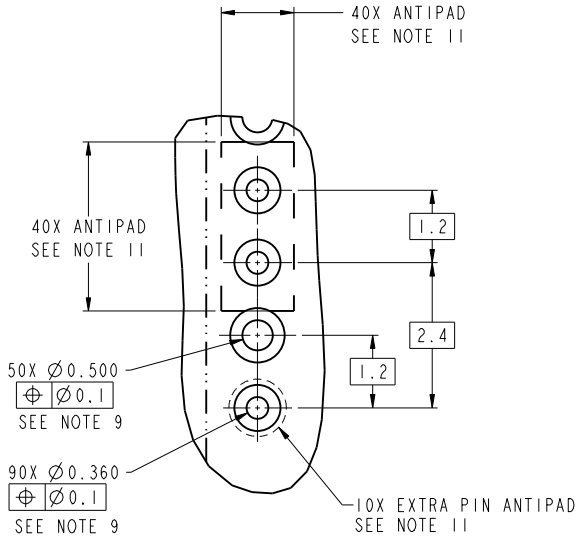
10126366-Y01LF

(10126366-101LF STANDARD MATE CON

Preliminary

spec ref	SEE NOTES			dr	N. EPPLEY	2013-6-21	projection	MM	size	A2
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	S. MINICH	2013-6-21			ecn no	11
ASME Y14.5M				chr	D. JOHNESCU	2013-6-21				
				appr			product family	ExaMAX	rel level	
surface -	linear	0.X	±.3	Amphenol FCI	title	ExaMAX VERTICAL HEADER ASSY			dwg no	10126366	rev	11
		0.XX	±.10							
		0.XXX	±.050							
	angular	0°	± °		cat. no.	SEE TABLE	Product - Customer Drw		sheet 1 of 11	





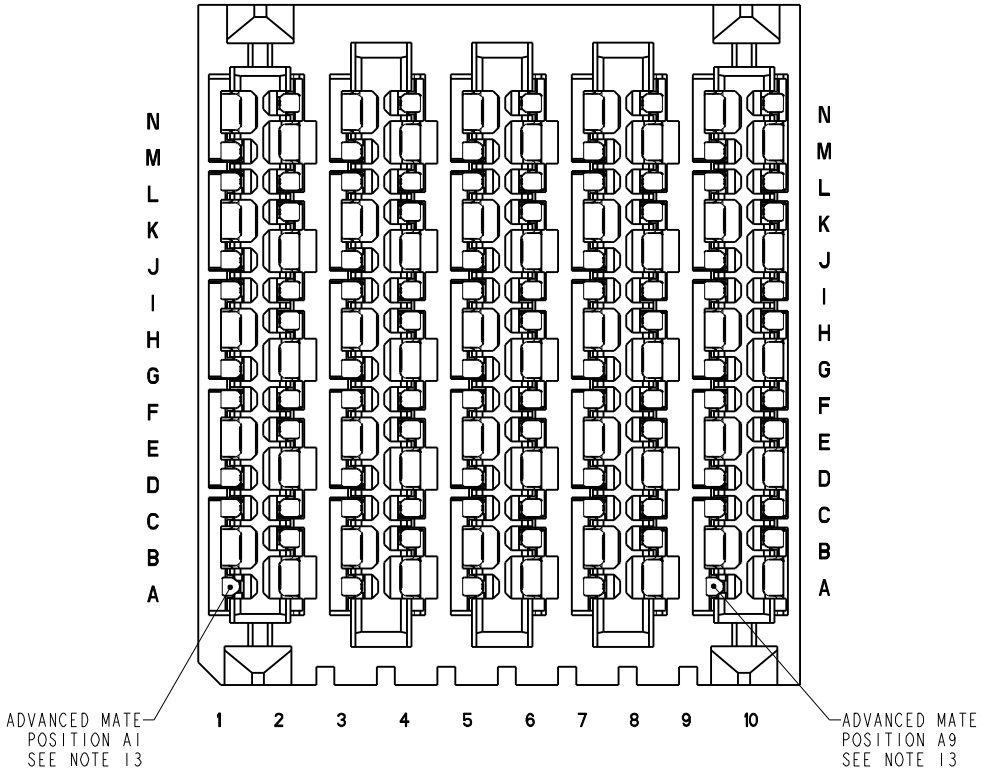
DETAIL A
SCALE 16:1

N Eppley	2013/06/21	
Peng-Bing Fu	2016/04/12	

RECOMMENDED PC-
10126366-Y01LF CO[illegible]
SEE NOTES 7, 8, 9, & 11

Preliminary

spec ref	SEE NOTES			dr	N. EPPLEY	2013-6-21	projection	MM	size A2
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	S. MINICH	2013-6-21			ecn no 11
ASME Y14.5M				chr	D. JOHNESCU	2013-6-21			
				appr			product family	ExaMAX	rel level
surface -	linear	0.X	±.3	Amphenol FCI	title	ExaMAX VERTICAL HEADER ASSY			dwg no 10126366 rev 11
		0.XX	±.10			4 PR, 140 POS, 10 IMLA			
		0.XXX	±.050		cat. no.	SEE TABLE	Product - Customer Drw		sheet 2 of 11
	angular	0°	±°						



10126366-201LF
ADVANCED MATE CONNECTOR
ADVANCED MATE POSITIONS ARE POSITIONS A1 AND A9 ONLY
F N Eppley 2013/06/21 SHEETS 1 & 2

Peng-Bing Fu 2016/04/12

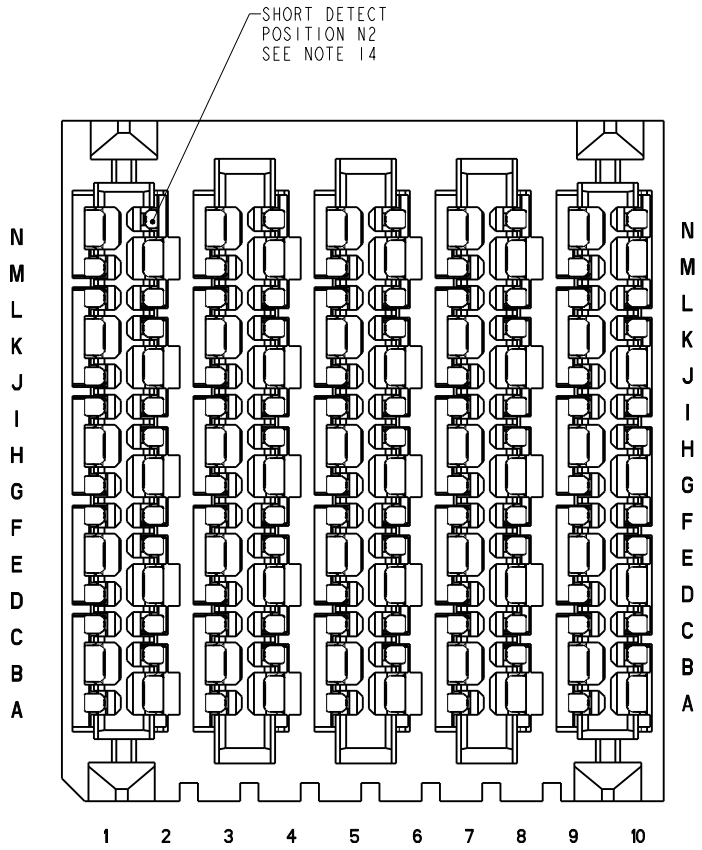
- -

- -

-

Preliminary

spec ref	SEE NOTES			dr	N. EPPLEY	2013-6-21	projection	MM	size A2
tolerance std ASME Y14.5M	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	S. MINICH	2013-6-21			ecn no 11
				chr	D. JOHNESCU	2013-6-21			
				appr			product family ExaMAX		rel level
surface -	linear	0.X	±.3	Amphenol FCI	title ExaMAX VERTICAL HEADER ASSY 4 PR, 140 POS, 10 IMLA		dwg no 10126366		rev 11
		0.XX	±.10						
		0.XXX	±.050						
	angular	0°	± °		cat. no. SEE TABLE		Product - Customer Drw		sheet 3 of 11

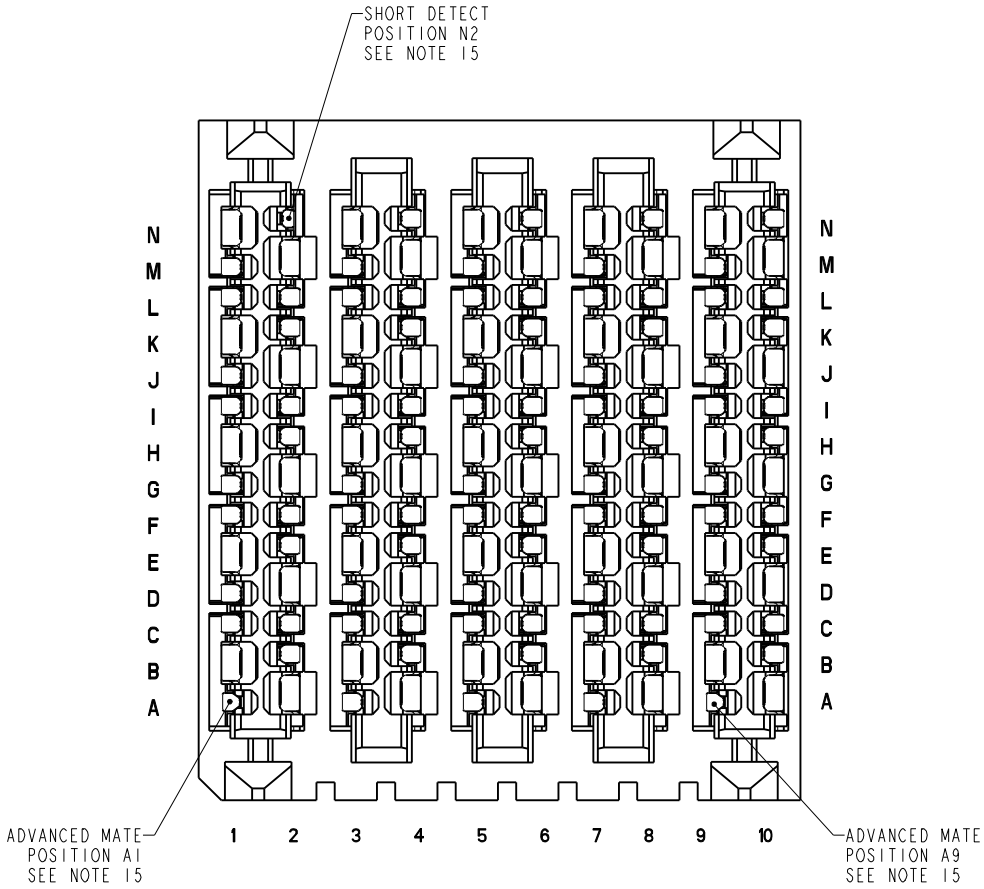


10126366-301LF
SHORT DETECT CONNECTOR
SHORT DETECT POSITION IS N2 ONLY
F SHEETS 1 & 2

N Eppley 2013/06/21
Peng-Bing Fu 2016/04/12
- -
- -

Preliminary

spec ref	SEE NOTES			dr	N. EPPLEY	2013-6-21	projection	MM	size	A2
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	S. MINICH	2013-6-21			ecn no	11
ASME Y14.5M				chr	D. JOHNESCU	2013-6-21				
				appr			product family	ExaMAX	rel level	
surface -	linear	0.X	±.3	Amphenol FCI	title	ExaMAX VERTICAL HEADER ASSY			dwg no	10126366	rev	11
		0.XX	±.10			4 PR, 140 POS, 10 IMLA						
		0.XXX	±.050		cat. no.	SEE TABLE	Product - Customer Drw		sheet 4 of 11			
	angular	0°	± °							

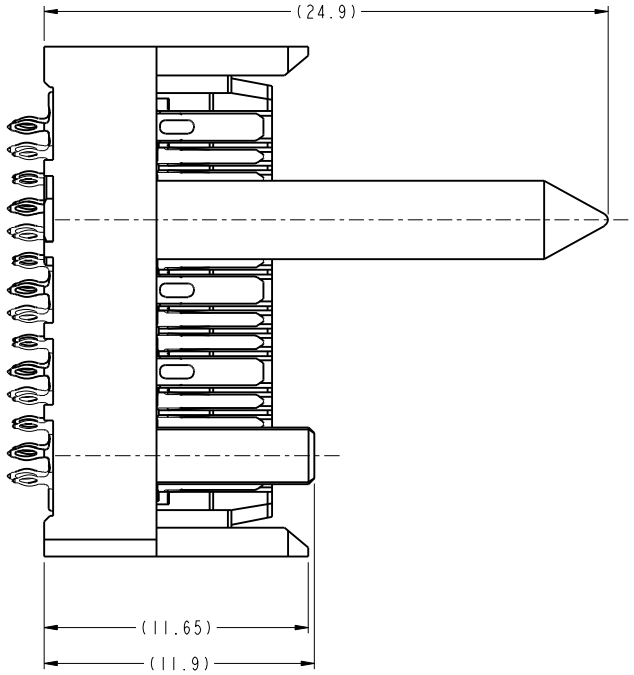


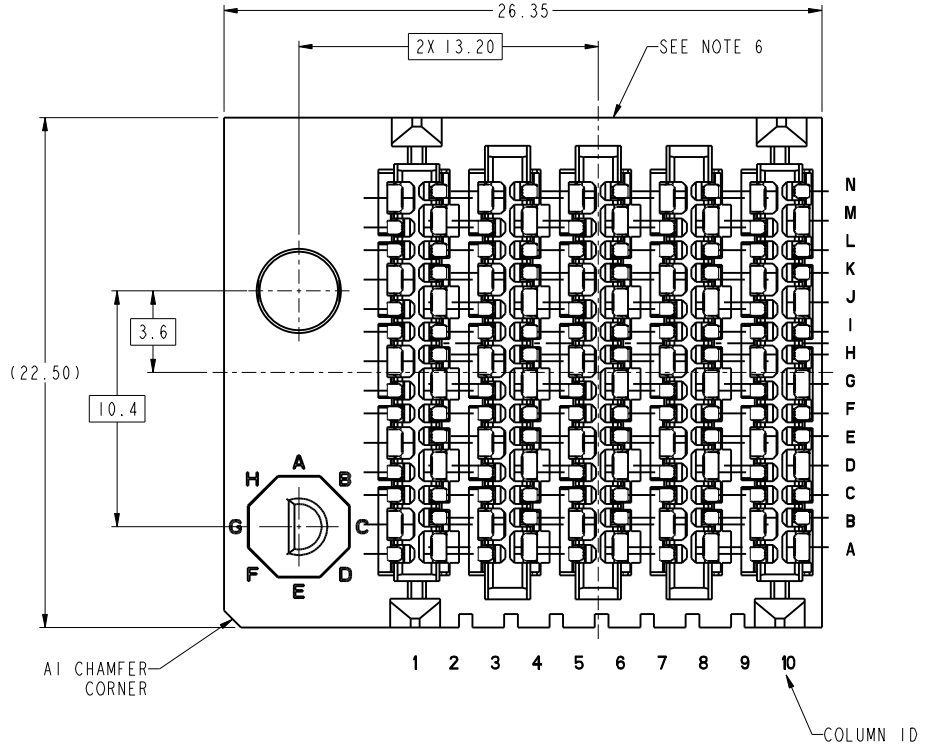
10126366-401LF
ADVANCED MATE/SHORT DETECT CONNECTOR
ADVANCED MATE POSITIONS ARE POSITIONS A1 AND A9 ONLY
2 ONLY
SHEETS 1 & 2

N Eppley 2013/06/21
Peng-Bing Fu 2016/04/12

Preliminary

spec ref	SEE NOTES			dr	N. EPPLEY	2013-6-21	projection	MM	size	A2
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	S. MINICH	2013-6-21			ecn no	11
ASME Y14.5M				chr	D. JOHNESCU	2013-6-21			rel level	
				appr			product family	ExaMAX		
surface -	linear	0.X	±.3	Amphenol FCI	title	ExaMAX VERTICAL HEADER ASSY			dwg no	10126366	rev	11
		0.XX	±.10			4 PR, 140 POS, 10 IMLA						
		0.XXX	±.050		cat. no.	SEE TABLE	Product - Customer Drw		sheet 5 of 11			
	angular	0°	± °							





10126366-Y1ALF THRU -Y11LF

RIGHT ANGLE CONNECTOR (SEE NOTE 17)

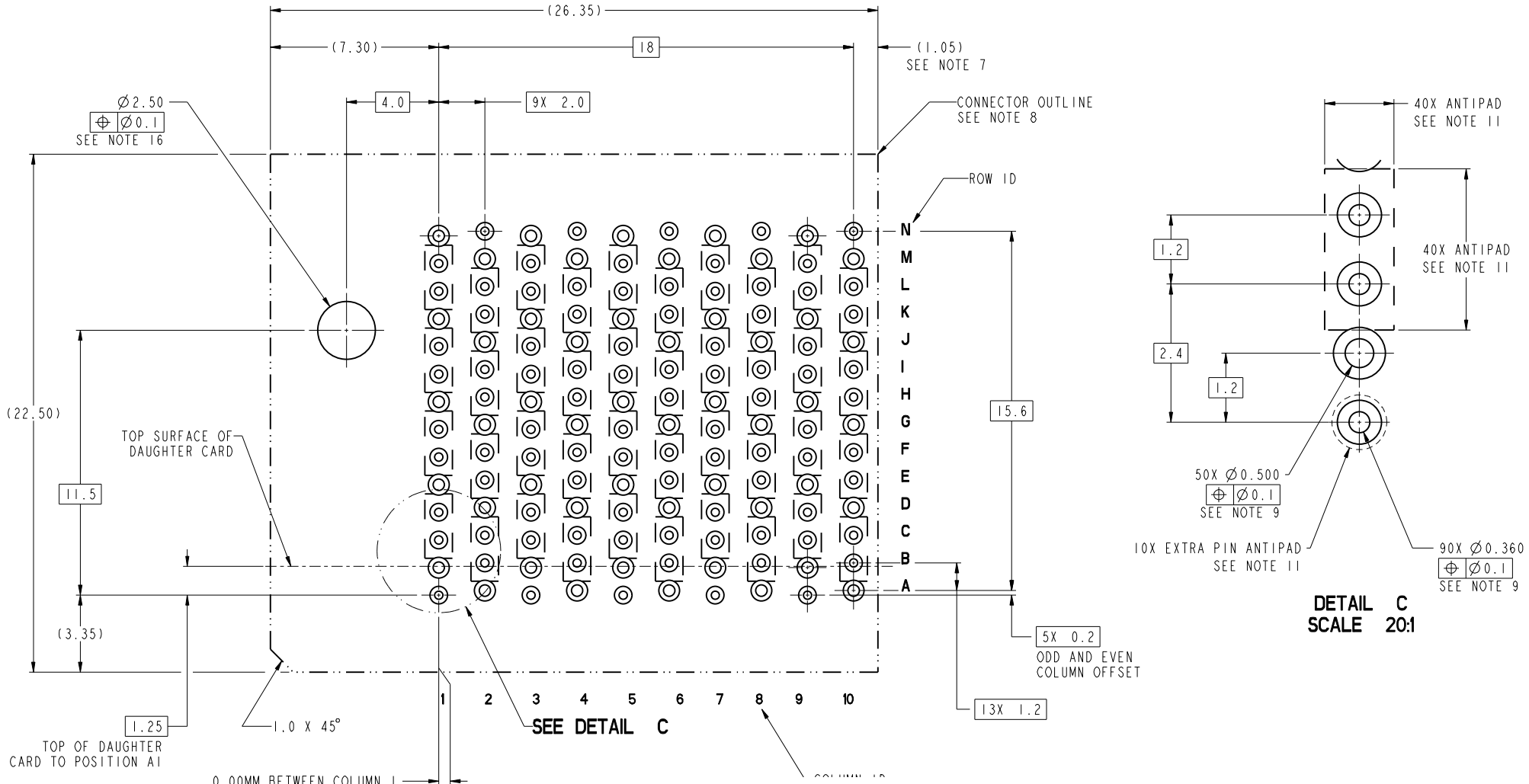
FI SHEET 1

N Eppley 2013/06/21

Peng-Bing Fu 2016/04/12

Preliminary

spec ref	SEE NOTES			dr	N. EPPLEY	2013-6-21	projection	MM	size A2
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	S. MINICH	2013-6-21			ecn no 11
ASME Y14.5M				chr	D. JOHNESCU	2013-6-21			
				appr			product family	ExaMAX	rel level
surface -	linear	0.X	±.3	Amphenol FCI	title	ExaMAX VERTICAL HEADER ASSY		dwg no 10126366	rev 11
		0.XX	±.10						
		0.XXX	±.050			4 PR, 140 POS, 10 IMLA			
	angular	0°	±°		cat. no.	SEE TABLE	Product - Customer Drw		sheet 6 of 11



DETAIL C
SCALE 20:1

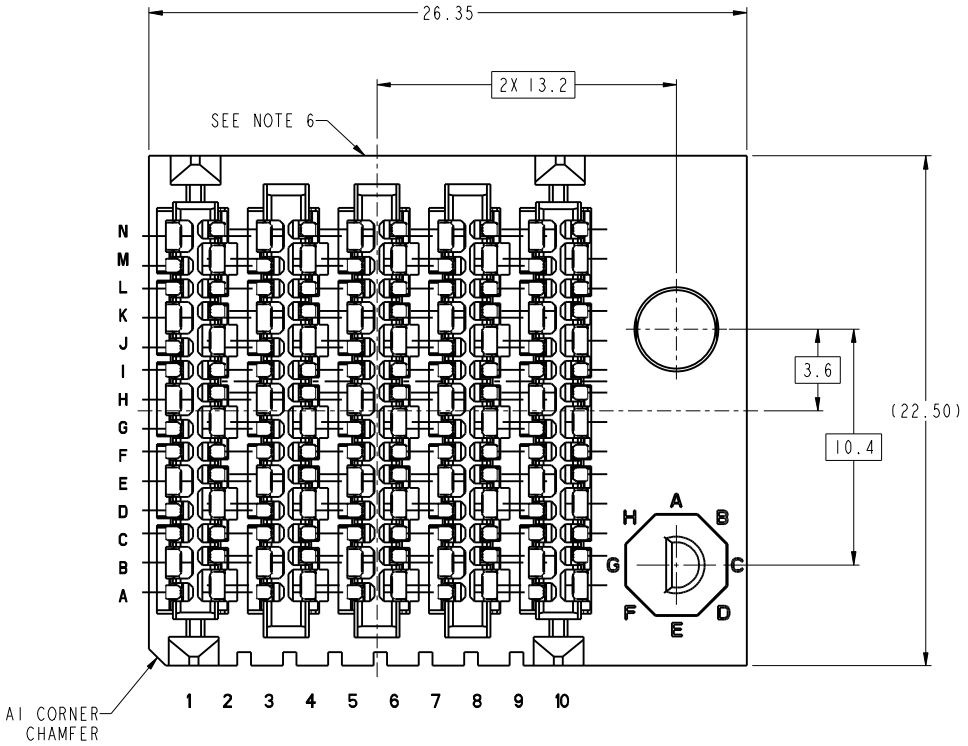
N Eppley 2013/06/21

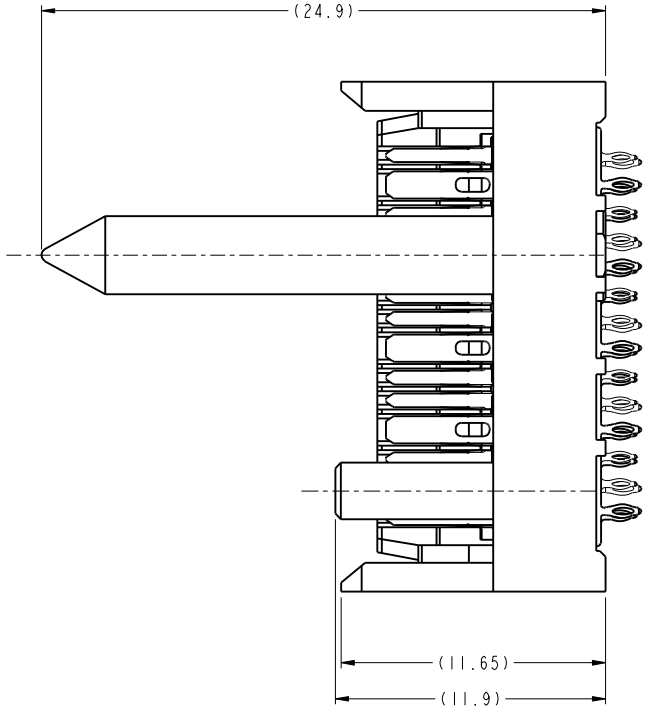
Peng-Bing Fu 2016/04/12

RECOMMENDED PCB LAYOUT FOR
10126366-Y1YL
SEE NOTES

Preliminary

spec ref	SEE NOTES			dr	N. EPPLEY	2013-6-21	projection	MM	size A2
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	S. MINICH	2013-6-21			ecn no 11
ASME Y14.5M				chr	D. JOHNESCU	2013-6-21			
				appr			product family	ExaMAX	rel level
surface -	linear	0.X	±.3	Amphenol FCI	title	ExaMAX VERTICAL HEADER ASSY		dwg no 10126366	rev 11
		0.XX	±.10			4 PR, 140 POS, 10 IMLA			
		0.XXX	±.050		cat. no.	SEE TABLE	Product - Customer Drw		sheet 7 of 11
	angular	0°	± °						





N Eppley 2013/06/21

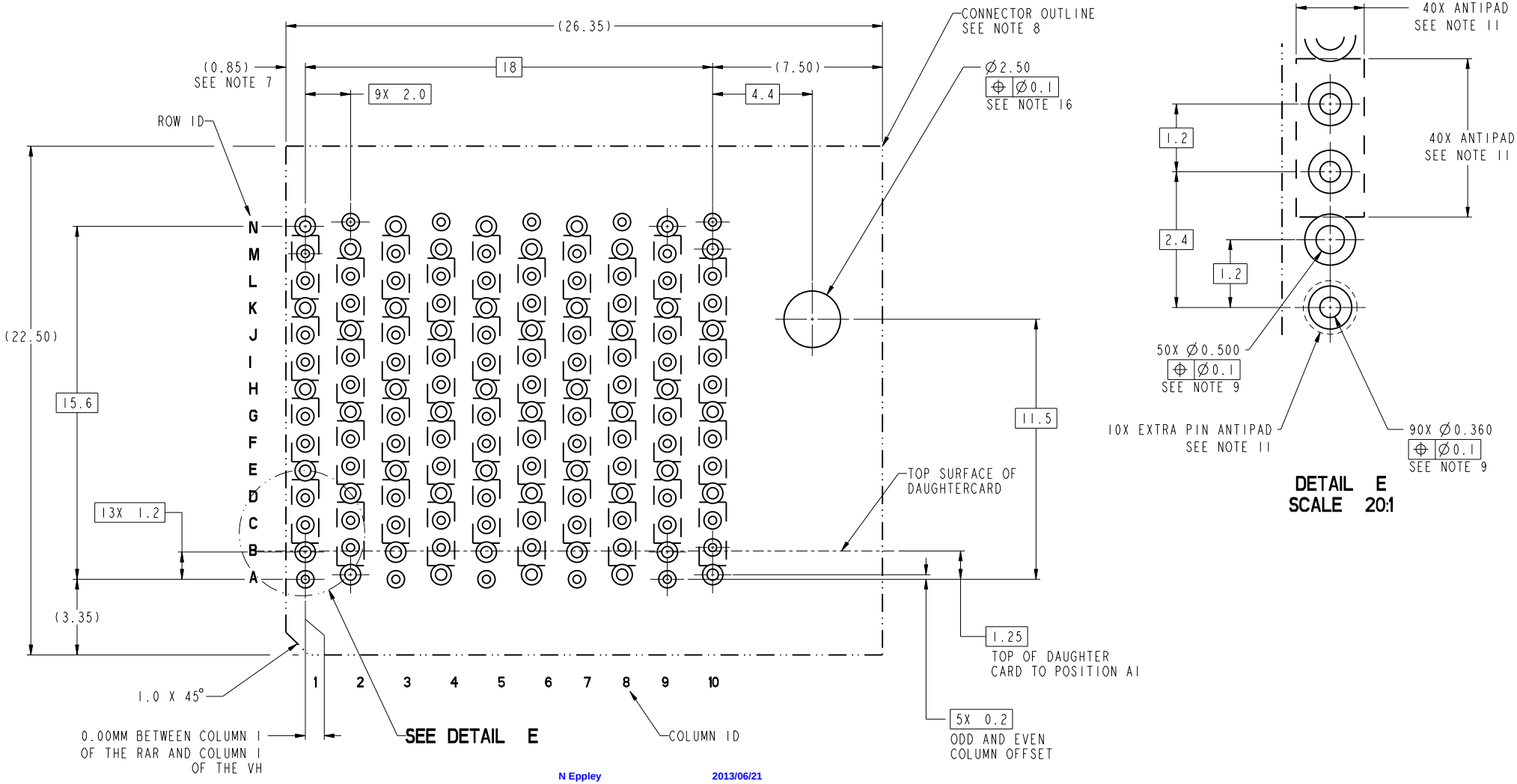
Peng-Bing Fu 2016/04/12

E NOTE 17)

E SHEET 1

Preliminary

spec ref	SEE NOTES			dr	N. EPPLEY	2013-6-21	projection	MM	size A2
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	S. MINICH	2013-6-21			ecn no 11
ASME Y14.5M				chr	D. JOHNESCU	2013-6-21			
				appr			product family	ExaMAX	rel level
surface -	linear	0.X	±.3	Amphenol FCI	title	ExaMAX VERTICAL HEADER ASSY		dwg no 10126366	rev 11
		0.XX	±.10			4 PR, 140 POS, 10 IMLA			
		0.XXX	±.050		cat. no.	SEE TABLE	Product - Customer Drw		sheet 8 of 11
	angular	0°	± °						



N Eppley 2013/06/21

Peng-Bing Fu 2016/04/12

RECOMME[illegible]

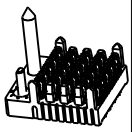
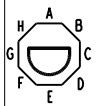
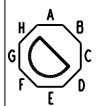
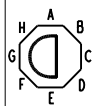
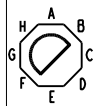
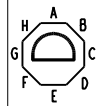
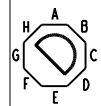
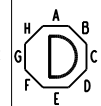
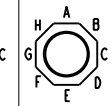
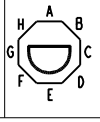
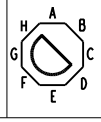
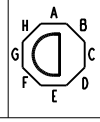
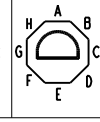
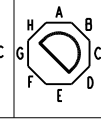
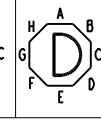
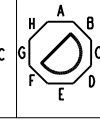
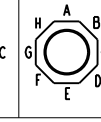
10126366-[illegible]

SEE NOTES 7, 8, 9, 11 & 16

Preliminary

spec ref	SEE NOTES			dr	N. EPPLEY	2013-6-21	projection	MM	size A2	
tolerance std ASME Y14.5M	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	S. MINICH	2013-6-21			ecn no	11
				chr	D. JOHNESCU	2013-6-21				
				appr			product family	ExaMAX	rel level	
surface -	linear	0.X	±.3	Amphenol FCI	title	ExaMAX VERTICAL HEADER ASSY			dwg no 10126366	rev 11
		0.XX	±.10			4 PR, 140 POS, 10 IMLA				
		0.XXX	±.050		cat. no.	SEE TABLE	Product - Customer Drw		sheet 9 of 11	
	angular	0°	± °							

10126366 - 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
10126366-1YYLF	STANDARD MATE
10126366-2YYLF	ADVANCED MATE
10126366-3YYLF	SHORT DETECT
10126366-4YYLF	ADVANCED MATE & SHORT DETECT

N Eppley	2013/06/21
Peng-Bing Fu	2016/04/12
-	-
-	-

-

Preliminary

spec ref	SEE NOTES			dr	N. EPPLEY	2013-6-21	projection	MM	size A2	
tolerance std ASME Y14.5M	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	S. MINICH	2013-6-21			ecn no	11
				chr	D. JOHNESCU	2013-6-21				
				appr			product family	ExaMAX	rel level	
surface -	linear	0.X	±.3	Amphenol FCI	title	ExaMAX VERTICAL HEADER ASSY			dwg no	rev
		0.XX	±.10			4 PR, 140 POS, 10 IMLA			10126366	11
		0.XXX	±.050							
	angular	0°	± °		cat. no.	SEE TABLE	Product - Customer Drw		sheet 10 of 11	

NOTES

1- CONNECTOR MATERIALS:
HOUSING: HIGH TEMP THERMOPLASTIC, BLACK, UL94-V0
IMLA PLASTIC: HIGH TEMP THERMOPLASTIC, BLACK, UL94-V0
CONTACT: COPPER ALLOY
GUIDE PIN: ZINC ALLOY
POLARIZING PIN: ZINC ALLOY

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, 10126366-2YYLF, WHEN MATED WITH AN ADVANCED MATE RIGHT ANGLE RECEPTACLE WILL PROVIDE 2 PAIRS OF MATING CONTACTS THAT MATE 0.75MM BEFORE THE REMAINDER OF THE SIGNAL AND GROUND CONTACTS.

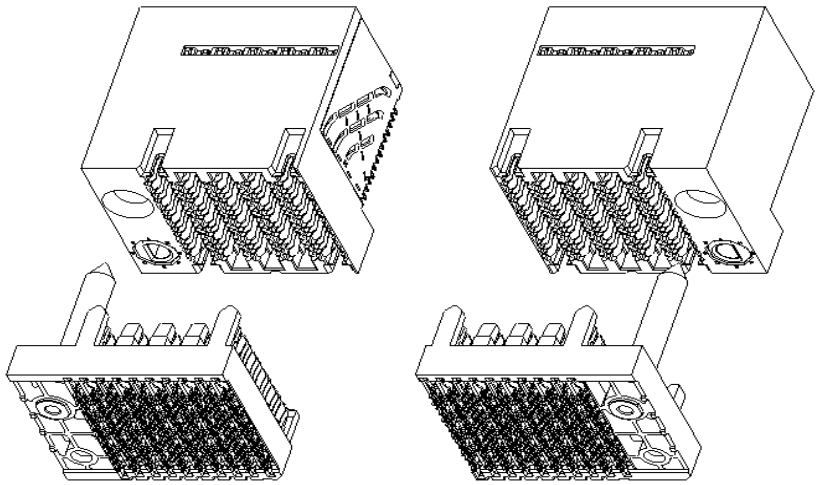
14- THE SHORT DETECT HEADER, 10126366-3YYLF, WHEN MATED WITH A STANDARD MATE RIGHT ANGLE RECEPTACLE WILL PROVIDE 1 PAIR OF MATING CONTACTS THAT MATE 1.00MM AFTER THE REMAINDER OF THE SIGNAL AND GROUND CONTACTS.

15- THE ADVANCED MATE/SHORT DETECT HEADER, 10126366-4YYLF, WHEN MATED WITH AN ADVANCED MATE RIGHT ANGLE RECEPTACLE WILL PROVIDE 2 PAIRS [illegible] CONTACTS THAT MATE 0.75MM BEFORE THE REMAINDER OF THE SIGNAL AND [illegible] CONTACTS, AND 1 PAIR OF MATING CONTACTS THAT MATE 1.00MM AFTER THE [illegible] OF THE SIGNAL AND GROUND CONTACTS.

16- FOR CONNECTORS WITH EITHER A RIGHT OR LEFT GUIDE MODULE, ONE PHILL[illegible] SCREW MUST BE USED TO SECURE GUIDE PIN/CONNECTOR TO THE PCB. THE S[illegible] 2.0 - 6.0mm PLUS THE THICKNESS OF THE BOARD. SCREW IS NOT PROVIDED [illegible].

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 VERTICAL HEADER MATES WITH A RIGHT GUIDE RIGHT ANGLE RECEPTACLE).

18- ALL GROUND CONTACTS WITHIN A COLUMN ARE COMMONED.



LEFT GUIDE RIGHT GUIDE

ExaMAX INTEGRATED GUIDE ORIENTATION
SEE NOTE 17

N Eppley 2013/06/21

Peng-Bing Fu 2016/04/12

Preliminary

spec ref	SEE NOTES			dr	N. EPPLEY	2013-6-21	projection	MM	size A2
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	S. MINICH	2013-6-21			ecn no 11
ASME Y14.5M				chr	D. JOHNESCU	2013-6-21			rel level
				appr			product family	ExaMAX	
surface -	linear	0.X	±.3	Amphenol FCI	title	ExaMAX VERTICAL HEADER ASSY		dwg no 10126366	rev 11
		0.XX	±.10			4 PR, 140 POS, 10 IMLA			
		0.XXX	±.050		cat. no.	SEE TABLE	Product - Customer Drw		sheet 11 of 11
	angular	0°	± °						