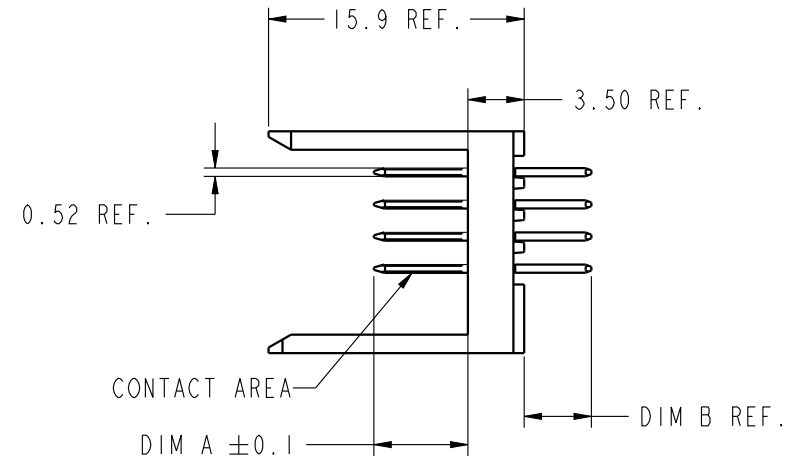
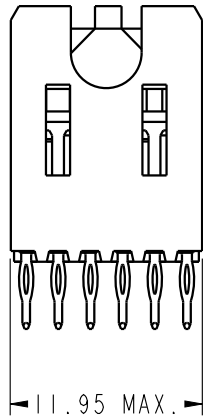
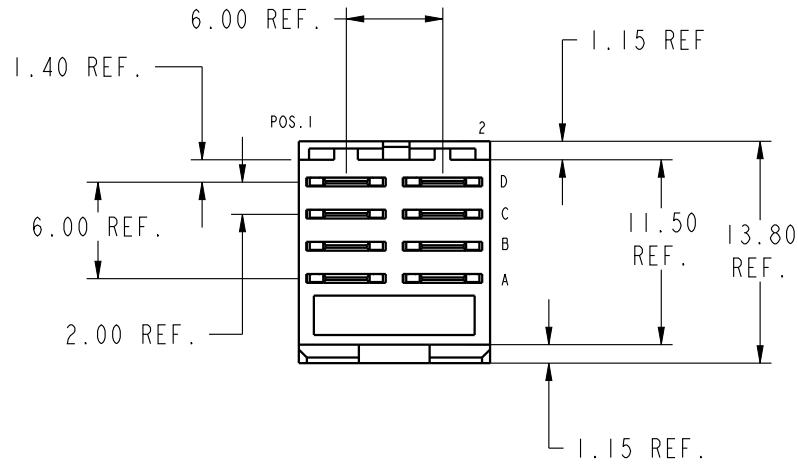


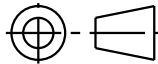
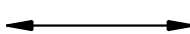
PRODUCT NUMBER

85830-XXX(L)LF



PART NUMBER : 85830-XXX(L)LF

L REFER LUBRICATED (OPTIONAL) 
SEE NOTE 4X REFER PLATING PERFORMANCE 
SEE NOTE 4

spec ref		dr		Terran Huang	2010/07/09	projection 	MM 	size	A4	scale	21:10			
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED				ecn no			ELX-I-41801-1						
					eng			Rahul Mohan-M	2021/08/16	product family	-			
					chr			-	-					
		appr	Kuriakose, San	2021/08/16			rel level	Released						
surface ISO 1302 ✓	linear	0.X	±0.3	Amphenol FCI	title	HEADER NB POWER				dwg no	85830		rev	H
		0.XX	±0.13											
		0.XXX	±0.050											
		angular	0°	±2°	amphenol-icc.com	cat. no.	-	Product - Customer Drw				sheet 1 of 5		

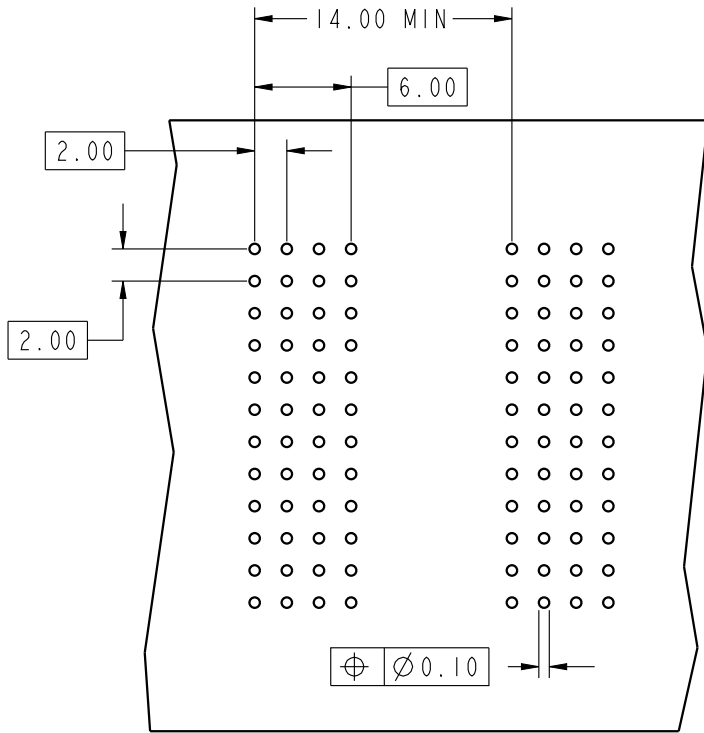
Creo File:ELX-MC-AAC_REV F_2020-12-21

A

B

C

D

REQUIRED PC BOARD LAYOUT
COMPONENT SIDESEE PRINT 58351 FOR
ADDITIONAL PCB INFORMATION

KEY		
CODE	DIMENSIONS	
	DIM "A" MATE	DIM "B" TAIL
1	6.50	4.30
2	7.25	4.30
3	8.00	4.30
4	6.50	13.60
5	7.25	13.60
6	8.00	13.60
7	6.50	17.00
8	7.25	17.00
9	8.00	17.00

NOTES:

- FOR DIM A, AND B SEE SHEET 2 AND UP.
- BODY MATERIAL : THERMOPLASTIC UL94-V0.
- PIN MATERIAL : COPPER ALLOY.
- FOR PLATING PERFORMANCE LEVEL REFER DRAWING # 10159408.
- PRODUCT MARKING : PART NUMBER DESIGNATION & BATCH I.D.
- THE PRODUCT WHERE THE PART NUMBERS END IN LF MEET THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GSS-47-0004
- ALL PRODUCT WILL WITHSTAND EXPOSURE TO 260°C FOR 60 SECONDS IN A CONVECTION INFRA-RED OR VAPOUR PHASE REFLOW OVEN.
- A SYMBOL WILL BE NEXT TO ANY DIEMNSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

spec ref		dr		Terran Huang	2010/07/09	projection	MM	size	A4	scale	21:10			
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Rahul Mohan-M			2021/08/16	ecn no	ELX-I-41801-1				
				chr	-			-						
				appr	Kuriakose, San			2021/08/16		product family		METRAL	rel level	Released
surface	3.200	linear	0.X	±0.3	Amphenol FCI	title	HEADER NB POWER			dwg no	85830		rev	H
			0.XX	±0.13										
			0.XXX	±0.050										
ISO 1302	angular	0°	±2°	amphenol-icc.com	cat. no.	-	Product - Customer Drw			sheet 2 of 5				

Crea File:ELX-MC-AAC,REV F,2020-12-21

2

3

PDS: Rev :H

STATUS:Released

Printed: Aug 17, 2021

METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
85830-X00LF	D	3	3
	C	2	2
	B	1	1
	A	3	3
METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
85830-X01LF	D	1	1
	C	1	1
	B	1	1
	A	1	1
METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
85830-X02LF	D	1	1
	C	2	2
	B	3	3
	A	3	3
METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
85830-X03LF	D	1	1
	C	1	1
	B	3	3
	A	1	1
METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
85830-X04LF	D	2	2
	C	3	3
	B	3	3
	A	3	3
METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
85830-X05LF	D	1	1
	C	1	1
	B	1	1
	A	3	3
METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
85830-X06LF	D	3	3
	C	2	2
	B	2	2
	A	1	1
METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
85830-X07LF	D	1	1
	C	1	1
	B	2	2
	A	3	3
METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
85830-X08LF	D	3	3
	C	3	3
	B	3	3
	A	3	3
METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
85830-X09LF	D	3	3
	C	3	3
	B	2	2
	A	2	2
METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
85830-X20LF	D	6	6
	C	5	5
	B	4	4
	A	6	6
METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
85830-X21LF	D	4	4
	C	4	4
	B	4	4
	A	4	4
METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
85830-X22LF	D	4	4
	C	5	5
	B	6	6
	A	6	6
METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
85830-X23LF	D	4	4
	C	4	4
	B	6	6
	A	4	4
METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
85830-X24LF	D	5	5
	C	6	6
	B	6	6
	A	6	6
METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
85830-X25LF	D	4	4
	C	4	4
	B	4	4
	A	6	6
METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
85830-X26LF	D	6	6
	C	5	5
	B	5	5
	A	4	4
METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
85830-X27LF	D	4	4
	C	4	4
	B	5	5
	A	6	6
METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
85830-X28LF	D	6	6
	C	6	6
	B	6	6
	A	6	6
METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
85830-X29LF	D	6	6
	C	6	6
	B	5	5
	A	5	5
METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
85830-X30LF	D	9	9
	C	8	8
	B	7	7
	A	9	9
METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
85830-X31LF	D	1	2
	C	7	7
	B	7	7
	A	7	7
METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
85830-X32LF	D	1	2
	C	8	8
	B	9	9
	A	9	9
METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
85830-X33LF	D	7	7
	C	7	7
	B	9	9
	A	7	7
METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
85830-X34LF	D	8	8
	C	9	9
	B	9	9
	A	9	9

spec ref				dr	Terran Huang	2010/07/09	projection 	MM 	size	A4	scale	21:10	
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Rahul Mohan-M	2021/08/16			ecn no	ELX-I-41801-1			
				chr	-	-							
				appr	Kuriakose, San	2021/08/16			product family		METRAL	rel level	
surface 3.200 ISO 1302	linear	0.X	±0.3	Amphenol FCI	title	HEADER NB POWER STR PRESS-FIT HT 12mm			dwg no	85830		rev	H
		0.XX	±0.13										
		0.XXX	±0.050										
	angular	0°	±2°	amphenol-icc.com	cat. no.	-	Product - Customer Drw			sheet 3 of 5			

METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
85830-X35LF	D	7	7
	C	7	7
	B	7	7
	A	9	9

METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
85830-X36LF	D	9	9
	C	8	8
	B	8	8
	A	7	7

METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
85830-X37LF	D	7	7
	C	7	7
	B	8	8
	A	9	9

METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
85830-X38LF	D	9	9
	C	9	9
	B	9	9
	A	9	9

METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
85830-X39LF	D	9	9
	C	9	9
	B	8	8
	A	8	8

METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
85830-X40LF	D	I	I
	C	3	3
	B	2	2
	A	I	I

METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
85830-X41LF	D	2	2
	C	2	2
	B	2	2
	A	I	I

METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
85830-X42LF	D	I	I
	C	2	2
	B	3	3
	A	I	I

METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
85830-X43LF	D	2	2
	C	2	2
	B	3	3
	A	2	2

METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
85830-X44LF	D	2	2
	C	2	2
	B	3	3
	A	3	3

METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
85830-X45LF	D	3	3
	C	2	2
	B	2	2
	A	3	3

METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
85830-X46LF	D	2	2
	C	I	I
	B	I	I
	A	3	3

METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
85830-X47LF	D	3	3
	C	I	I
	B	I	I
	A	3	3

METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
85830-X48LF	D	2	2
	C	3	3
	B	I	I
	A	3	3

METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
85830-X49LF	D	I	I
	C	2	2
	B	3	3
	A	3	3

METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
85830-X50LF	D	4	4
	C	6	6
	B	5	5
	A	4	4

METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
85830-X51LF	D	5	5
	C	5	5
	B	5	5
	A	4	4

METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
85830-X52LF	D	4	4
	C	5	5
	B	6	6
	A	4	4

METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
85830-X53LF	D	5	5
	C	5	5
	B	6	6
	A	5	5

METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
85830-X54LF	D	5	5
	C	5	5
	B	6	6
	A	6	6

METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
85830-X55LF	D	6	6
	C	5	5
	B	5	5
	A	6	6

METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
85830-X56LF	D	5	5
	C	4	4
	B	4	4
	A	6	6

METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
85830-X57LF	D	6	6
	C	4	4
	B	4	4
	A	6	6

METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
85830-X58LF	D	5	5
	C	6	6
	B	4	4
	A	6	6

METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
85830-X59LF	D	4	4
	C	5	5
	B	6	6
	A	6	6

spec ref	dr	Terran Huang	2010/07/09	projection	size	A4	scale	21:10
tolerance std	eng	Rahul Mohan-M	2021/08/16		MM			
ISO 406	chr	-	-				ecn no	ELX-I-41801-1
ISO 1101	appr	Kuriakose, San	2021/08/16	product family	METRAL	rel level	Released	
surface 3.200				title	HEADER NB POWER	dwg no	85830	rev
ISO 1302	linear	0.X	±0.3		STR PRESS-FIT HT 12mm			H
		0.XX	±0.13					
		0.XXX	±0.050					
	angular	0°	±2°	amphenol-icc.com	cat. no.	-	Product - Customer Drw	sheet 4 of 5

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
85830-X60LF	D	7	7
	C	9	9
	B	8	8
	A	7	7

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
85830-X61LF	D	8	8
	C	8	8
	B	8	8
	A	7	7

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
85830-X62LF	D	7	7
	C	8	8
	B	9	9
	A	7	7

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
85830-X63LF	D	8	8
	C	8	8
	B	9	9
	A	8	8

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
85830-X64LF	D	8	8
	C	8	8
	B	9	9
	A	9	9

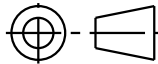
METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
85830-X65LF	D	9	9
	C	8	8
	B	8	8
	A	9	9

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
85830-X66LF	D	8	8
	C	7	7
	B	7	7
	A	9	9

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
85830-X67LF	D	9	9
	C	7	7
	B	7	7
	A	9	9

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
85830-X68LF	D	8	8
	C	9	9
	B	7	7
	A	9	9

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
85830-X69LF	D	7	7
	C	8	8
	B	9	9
	A	9	9

spec ref		dr		Terran Huang	2010/07/09			size	A4	scale	21:10		
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Rahul Mohan-M			2021/08/16	ecn no				ELX-I-41801-1
				chr	-			-	rel level				Released
				appr	Kuriakose, San			2021/08/16	product family		METRAL		
surface 3.200 ISO 1302	linear	0.X	±0.3		title HEADER NB POWER STR PRESS-FIT HT 12mm				dwg no	85830		rev H	
		0.XX	±0.13										
		0.XXX	±0.050										
	angular	0°	±2°	amphenol-icc.com	cat. no.	-	Product - Customer Drw				sheet 5 of 5		