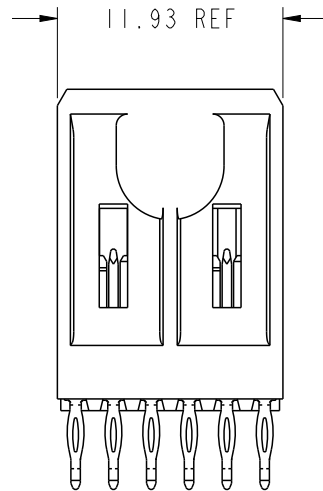
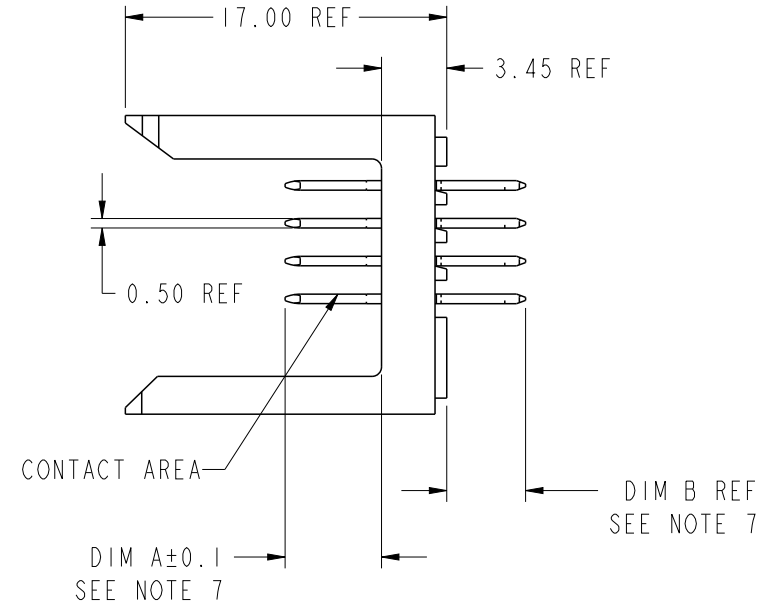
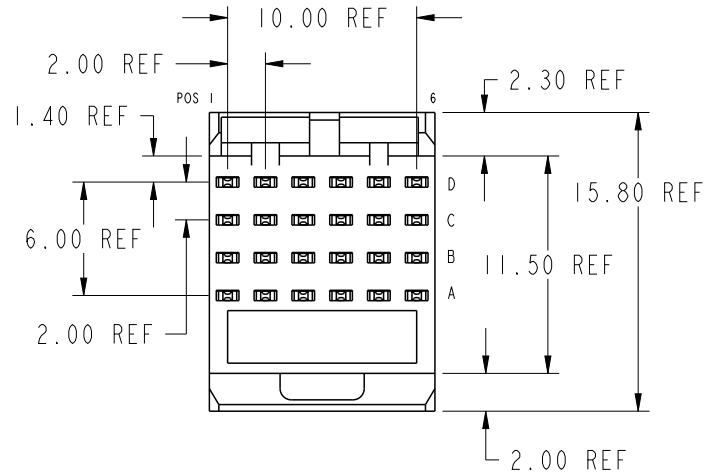


PRODUCT NUMBER

85851-XXX(L)LF

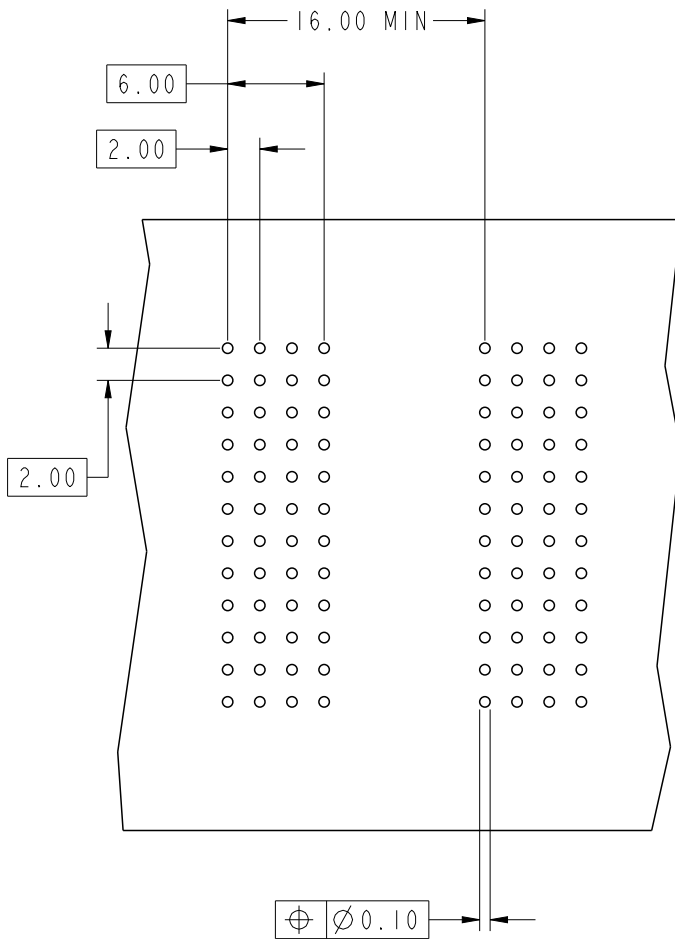


PART NUMBER : 85851-XXX(L)LF

L REFER LUBRICATED (OPTIONAL) $\triangle$
SEE NOTE 3X REFER PLATING PERFORMANCE $\triangle$
SEE NOTE 3

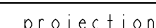
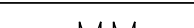
spec ref	*	dr	Terran Huang	2010/07/09	projection	MM	size	A4	scale	53:50
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Rahul Mohan-M	2021/07/21			ecn no	ELX-I-41724-1		
ISO 406		chr	-	-			rel level	Released		
ISO 1101		appr	Kuriakose, San	2021/08/16	product family	METRAL				
surface	3.200	linear	0.X	± 0.3	title		dwg no		rev	
			0.XX	± 0.13						
			0.XXX	± 0.050						
ISO 1302	angular	0°	$\pm 2^\circ$	amphenol-icc.com	cat. no.		Product - Customer Drw		sheet 1 of 4	

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



KEY (SIGNAL PRESS-FIT)		
CODE	DIMENSIONS	
	DIM "A" MATE	DIM "B" TAIL
1	5.00	4.30
2	5.75	4.30
3	6.50	4.30
4	7.25	4.30
5	5.00	13.60
6	5.75	13.60
7	6.50	13.60
8	7.25	13.60
12	7.25	17.00
13	8.25	4.30
19	8.00	4.30
20	8.00	13.60
23	8.00	17.70
24	6.50	16.30
25	5.75	15.60
26	5.00	14.90
40	5.00	15.60
41	6.50	15.60
59	5.00	11.80
60	5.75	11.80
61	6.50	11.80

REQUIRED PC BOARD LAYOUT
COMPONENT SIDE
SEE PRINT 58351 FOR
ADDITIONAL PCB INFORMATION

spec ref		*		dr	Terran Huang	2010/07/09			size	A4	scale	213:100			
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Rahul Mohan-M	2021/07/21			ecn no	ELX-I-41724-1					
ISO 406				chr	-	-									
ISO 1101				appr	Kuriakose, San	2021/08/16						product family		METRAL	
surface			linear	0.X	±0.3	Amphenol FCI	title	METRAL SIGNAL HEADER		dwg no	85851		rev	AE	
3.200					0.XX										±0.13
ISO 1302					0.XXX										±0.050
		angular	0°	±2°	amphenol-icc.com	cat. no.	-	Product - Customer Drw				sheet 2 of 4			

D

A

B

C

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85851-X01LF	D	12	25	23	23	23	25
	C	12	25	23	23	23	25
	B	12	25	23	23	23	25
	A	12	25	23	23	23	25

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85851-X06LF	D	59	59	59	59	59	59
	C	60	60	60	60	60	60
	B	60	60	60	60	60	60
	A	60	60	60	60	60	60

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85851-X11LF	D	61	61	61	61	61	61
	C	61	61	61	61	61	61
	B	61	61	61	61	61	61
	A	61	61	61	61	20	20

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85851-X16LF	D	6	6	6	5	6	6
	C	6	6	6	8	6	6
	B	6	6	6	6	6	6
	A	6	6	6	6	6	6

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85851-X21LF	D	3	3	3	3	3	3
	C	3	3	3	3	3	3
	B	3	3	3	3	3	3
	A	1	3	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85851-X26LF	D	3	3	4	4	2	19
	C	3	3	4	4	2	19
	B	3	3	4	4	2	19
	A	3	3	4	4	2	19

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85851-X02LF	D	26	12	12	12	12	23
	C	23	12	12	12	12	23
	B	24	12	12	12	12	23
	A	24	12	12	12	12	23

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85851-X07LF	D	59	59	59	59	59	59
	C	60	60	60	60	60	60
	B	60	60	60	60	60	60
	A	61	61	61	61	61	61

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85851-X12LF	D	61	61	61	61	20	20
	C	61	61	61	61	61	61
	B	61	61	61	61	61	61
	A	61	61	61	61	61	61

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85851-X17LF	D	20	6	6	6	6	6
	C	20	6	6	6	6	6
	B	20	6	6	6	6	6
	A	20	6	6	6	6	6

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85851-X22LF	D	4	4	2	3	3	2
	C	4	4	2	3	3	2
	B	4	4	2	3	3	2
	A	4	4	2	3	3	2

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85851-X27LF	D	7	7	6	8	8	20
	C	7	7	6	8	8	20
	B	7	7	6	8	8	20
	A	7	7	6	8	8	20

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85851-X03LF	D	1	1	1	1	1	1
	C	2	2	2	2	2	2
	B	2	2	2	2	2	2
	A	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85851-X08LF	D	4	4	4	4	4	4
	C	2	2	2	2	2	2
	B	2	2	2	2	2	2
	A	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85851-X13LF	D	26	23	25	23	12	12
	C	23	23	25	23	12	12
	B	24	23	25	23	12	12
	A	23	23	25	23	12	12

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85851-X18LF	D	19	2	2	2	2	2
	C	19	2	2	2	2	2
	B	19	2	2	2	2	2
	A	19	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85851-X23LF	D	8	8	6	7	7	6
	C	8	8	6	7	7	6
	B	8	8	6	7	7	6
	A	8	8	6	7	7	6

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85851-X28LF	D	1	1	20	5	5	5
	C	1	1	20	5	5	5
	B	1	1	20	5	5	5
	A	1	1	20	5	5	5

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85851-X04LF	D	19	19	19	-	-	-
	C	19	19	19	-	-	-
	B	19	19	19	-	-	19
	A	19	19	19	-	-	19

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85851-X09LF	D	40	40	40	40	41	41
	C	40	40	40	40	40	40
	B	40	40	40	40	40	40
	A	40	40	40	40	40	40

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85851-X14LF	D	2	2	2	3	4	3
	C	2	2	2	3	4	3
	B	2	2	2	3	4	3
	A	2	2	2	3	4	3

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85851-X19LF	D	1	1	1	1	1	1
	C	1	1	1	1	1	1
	B	3	1	1	1	3	1
	A	1	1	1	1	1	1

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85851-X24LF	D	4	4	4	2	2	2
	C	2	2	2	2	2	2
	B	2	2	2	2	2	2
	A	4	4	4	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85851-X29LF	D	3	3	4	4	3	3
	C	3	3	3	3	1	3
	B	3	3	3	3	3	3
	A	13	13	13	13	13	13

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85851-X05LF	D	4	1	4	1	1	1
	C	4	1	1	1	1	1
	B	4	1	1	1	1	1
	A	4	1	4	1	1	1

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85851-X10LF	D	61	61	61	61	61	61
	C	20	20	61	61	61	61
	B	61	61	61	61	61	61
	A	61	61	61	61	61	61

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85851-X15LF	D	1	1	1	1	1	1
	C	1	1	1	1	1	1
	B	1	1	1	1	3	3
	A	1	1	1	1	1	1

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85851-X20LF	D	4	3	4	2	2	2
	C	4	3	4	2	2	2
	B	4	3	4	2	2	2
	A	4	3	4	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85851-X25LF	D	2	2	2	4	2	2
	C	2	2	2	2	2	2
	B	2	2	2	2	2	2
	A	2	2	2	4	2	2

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85851-X31LF	D	2	2	19	2	19	2
	C	2	2	19	2	19	2
	B	2	1	19	2	19	2
	A	2	2	19	2	19	2

NOTES:

- FOR DIM A AND B SEE SHEET 2 AND UP.
- MATERIAL : BODY : THERMOPLASTIC UL94-V0.
: CONTACT : COPPER ALLOY.
- FOR PLATING PERFORMANCE REFER DRAWING # 10159408.
- ALL PRODUCTS WITH PART NUMBERS SHOWN IN SUBSEQUENT TABLES WILL BE PACKAGED IN TUBES.
IF TRAY PACKAGING IS REQUIRED, A SUFFIX "P" WILL BE ADDED TO THE END OF THE PART NUMBER.
EXAMPLE:XXXX-XXXPLF
- PRODUCT SPECIFICATION GS-12-180
- APPLICATION SPECIFICATION BUS-20-073
- AFTER INSERTION INTO CIRCUIT BOARD WITH QUALIFIED TOOL.
- THE PRODUCTS MEET THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS
AS DESCRIBED IN GS-47-0004.
- ALL PRODUCTS WILL WITHSTAND EXPOSURE TO 260°C FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR
VAPOR PHASE REFLOW OVEN.THE Au CONTACT SURFACE OF THE CONTACTS SHALL BE EXPOSED TO A MAXIMIM 140°C FOR
NO LONGER THAN 15 SECONDS IN A WAVE SOLDER APPLICATION.
- A△SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT REVISION

spec ref		*		dr	Terran Huang	2010/07/09	projection	MM	size	A4	scale	53:50			
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Rahul Mohan-M	2021/07/21			ecn no	ELX-I-41724-1					
				chr	-	-									
				appr	Kuriakose, San	2021/08/16			product family		METRAL	rel level		Released	
surface 3.200 ISO 1302	linear	0.X	±0.3	Amphenol FCI	title				METRAL SIGNAL HEADER		dwg no	85851		rev	AE
		0.XX	±0.13												
		0.XXX	±0.050												
	angular	0°	±2°	amphenol-icc.com	cat. no.		-		Product - Customer Drw			sheet 4 of 4			