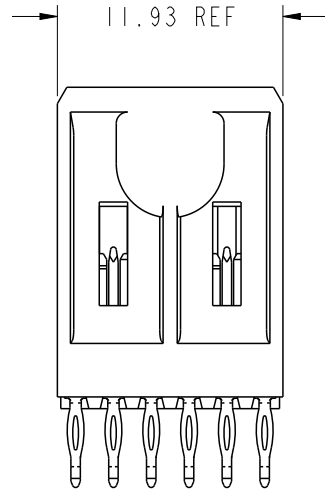
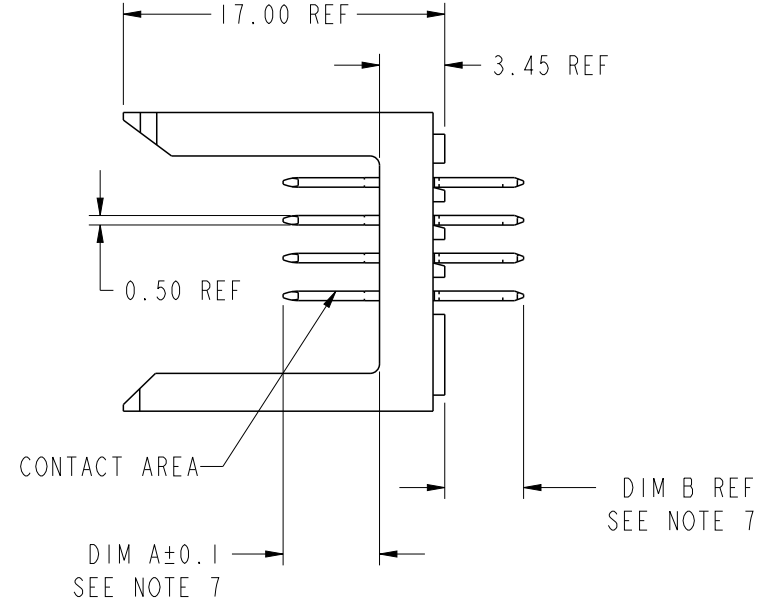
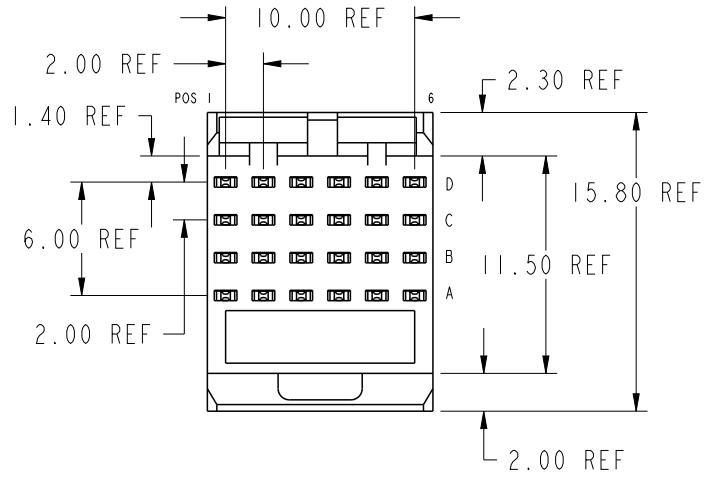


PRODUCT NUMBER
85851-XXX(L)LF

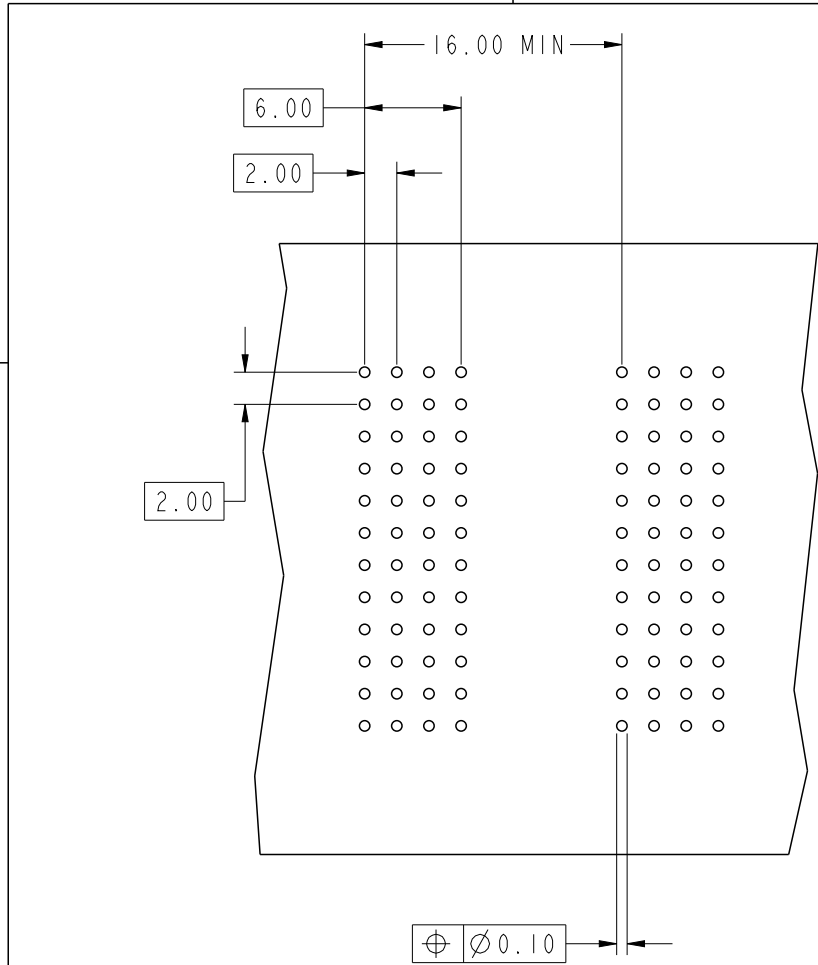


PART NUMBER : 85851-XXX(L)LF

L REFER LUBRICATED (OPTIONAL) △
SEE NOTE 3

X REFER PLATING PERFORMANCE △
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	Amphenol FCI title METRAL SIGNAL HEADER I MOD, 4 ROW PRESS-FIT cat. no. -			dwg no		85851		rev			
ISO 1302	linear				0.X	±0.3	product family		METRAL		AE	
	angular				0°	±2°	rel level		Released		sheet 1 of 4	



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

⊕ ∅0.10

spec ref	*	dr	Terran Huang	2010/07/09	projection 	MM ←→	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 ISO 1101		chr	-	-			rel level	Released		
surface	3.200	appr	Kuriakose, San	2021/08/16	product family	METRAL				
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 2 of 4		


Creo F-114-ELX-MC-AAC, REV F, 2020-12-21

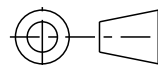
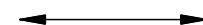
METRAL P/N		CONTACT CODE MOD. I					METRAL P/N		CONTACT CODE MOD. I					METRAL P/N		CONTACT CODE MOD. I					METRAL P/N		CONTACT CODE MOD. I																								
	ROW	1	2	3	4	5	6		ROW	1	2	3	4	5	6		ROW	1	2	3	4	5	6		ROW	1	2	3	4	5	6		ROW	1	2	3	4	5	6								
85851-X01LF	D	12	25	23	23	23	25	85851-X06LF	D	59	59	59	59	59	59	85851-X11LF	D	61	61	61	61	61	61	85851-X16LF	D	6	6	6	5	6	6	85851-X21LF	D	3	3	3	3	3	3	85851-X26LF	D	3	3	4	4	2	19
	C	12	25	23	23	23	25		C	60	60	60	60	60	60		C	61	61	61	61	61	61		C	6	6	6	8	6	6		C	3	3	3	3	3	3		C	3	3	4	4	2	19
	B	12	25	23	23	23	25		B	60	60	60	60	60	60		B	61	61	61	61	61	61		B	6	6	6	6	6	6		B	3	3	3	3	3	3		B	3	3	4	4	2	19
	A	12	25	23	23	23	25		A	60	60	60	60	60	60		A	61	61	61	61	20	20		A	6	6	6	6	6	6		A	1	3	3	3	3	3		A	3	3	4	4	2	19

spec ref	*	dr	Terran Huang	2010/07/09	projection		size	A4	scale	53:50								
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Rahul Mohan-M	2021/07/21			MM	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		METRAL SIGNAL HEADER			dwg no	85851			rev								
linear	0.X										±0.3	cat. no.		-		Product - Customer Drw		sheet 3 of 4
	0.XX										±0.13							
angular	0°	±2°																
ISO 1302		amphenol-icc.com		Product - Customer Drw		sheet 3 of 4												

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:XXXXX-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 A₀ 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		eng	Rahul Mohan-M	2021/07/21			ecn no	ELX-I-41724-1				
ISO 406 ISO 1101		chr	-	-			rel level	Released				
surface 3.200		TOLERANCES UNLESS OTHERWISE SPECIFIED	appr	Kuriakose, San	2021/08/16	product family	METRAL					
ISO 1302	linear		0.X	±0.3	Amphenol FCi	METRAL SIGNAL HEADER					rev	
	angular		0°	±2°		1 MOD, 4 ROW PRESS-FIT					AE	
			0.XX	±0.13		amphenol-icc.com	cat. no.	-	Product - Customer Drw	85851	sheet 4 of 4	
		0.XXX	±0.050									