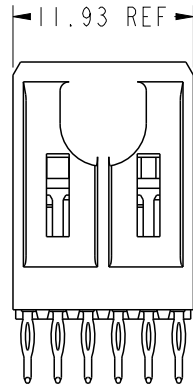
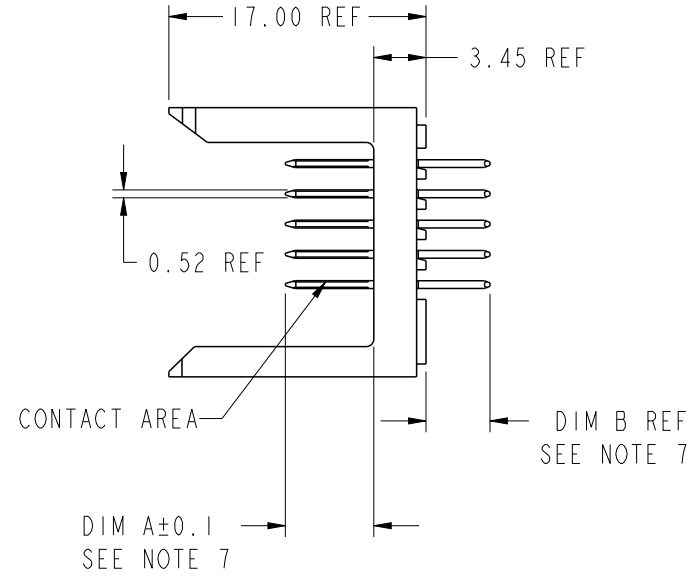
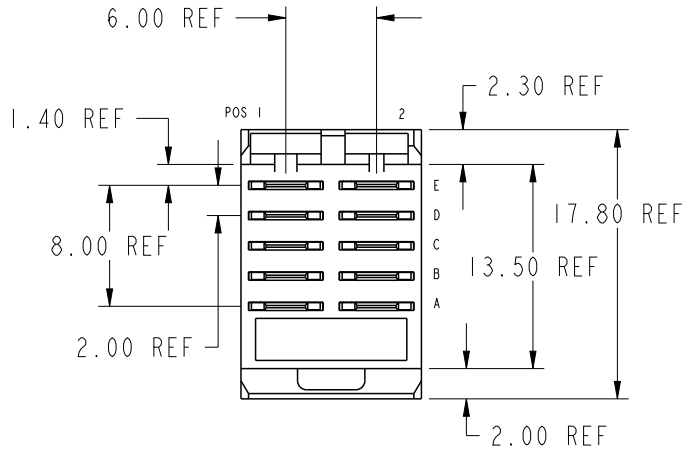


PRODUCT NUMBER
85835-XYX(L)LF

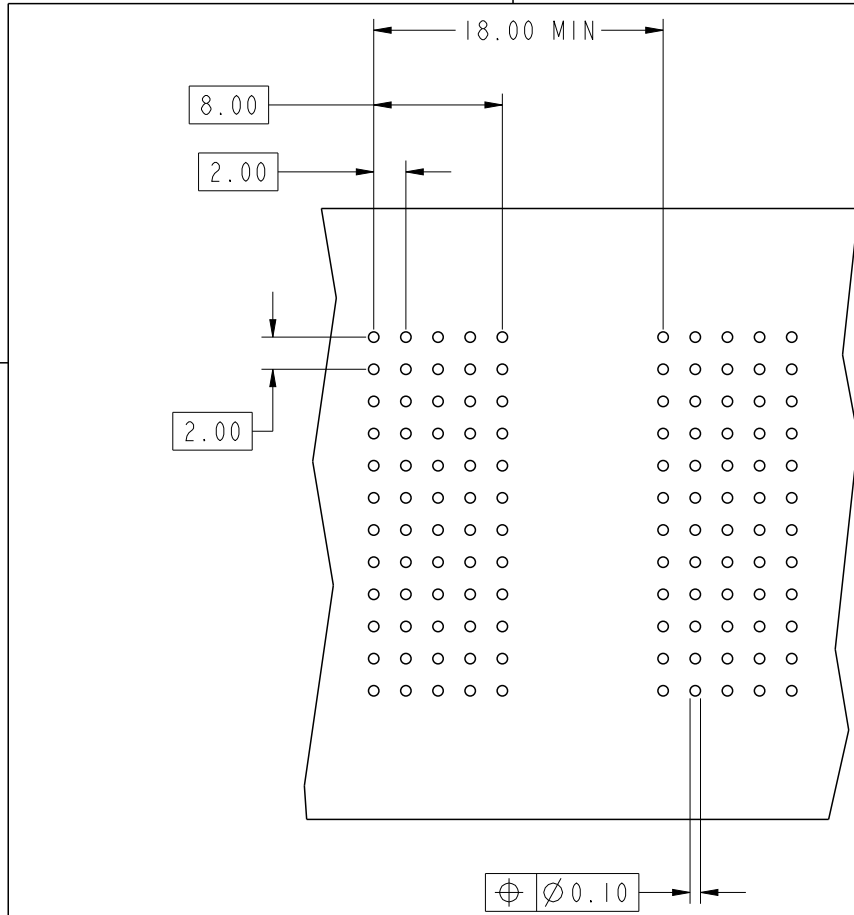


PART NUMBER : 85835-XYX(L)LF

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 11:10
tolerance std ISO 406 ISO 1101		eng Rahul Mohan-M 2021/07/21				ecn no ELX-I-41722-1	
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr -				rel level Released	
surface 3.200 ISO 1302		appr Kuriakose, San 2021/08/16		product family METRAL		rev	
linear	0.X	±0.3	Amphenol FCi	title METRAL POWER HEADER 1 MOD, 5 ROW PRESS-FIT		dwg no 85835	
	0.XX	±0.13					
0.XXX	±0.050						
angular	0°	±2°	amphenol-icc.com	cat. no. -	Product - Customer Drw		sheet 1 of 3



KEY		
CODE	DIMENSIONS	
	DIM "A" MATE	DIM "B" TAIL
P01	6.50	4.30
P02	7.25	4.30
P03	8.00	4.30
P04	6.50	13.60
P05	7.25	13.60
P06	8.00	13.60
P13	6.50	12.95
P16	5.00	4.30
P37	8.00	15.60

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 SEPCIFICATION BUS-20-075.
- 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 CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
- △SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT REVISION.

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

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	2021/07/21			ecn no		ELX-I-41722-1										
ISO 406		chr	-	-			rel level		Released										
ISO 1101		appr	Kuriakose, San	2021/08/16	product family		METRAL												
surface 3.200	linear	Amphenol FCI			title		METRAL POWER HEADER		dwg no		rev								
	0.X												±0.3	1 MOD, 5 ROW PRESS-FIT		85835		R	
	0.XX												±0.13						
	0.XXX	±0.050																	
ISO 1302	angular	0°	±2°	amphenol-icc.com		cat. no.		-		Product - Customer Drw		sheet 2 of 3							

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
85835-X01LF	E	P03	P03
	D	P02	P02
	C	P01	P01
	B	-	-
	A	P03	P03

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
85835-X05LF	E	P06	P06
	D	P05	P05
	C	P04	P04
	B	P04	P04
	A	P04	P04

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
85835-X09LF	E	P01	P01
	D	P02	P02
	C	P03	P03
	B	-	-
	A	P03	P03

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
85835-X13LF	E	P16	P16
	D	-	-
	C	P01	P01
	B	-	-
	A	P03	P03

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
85835-X02LF	E	P05	P05
	D	P05	P05
	C	P06	P06
	B	P05	P05
	A	P05	P05

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
85835-X06LF	E	P03	P03
	D	P03	P03
	C	P04	P04
	B	P04	P04
	A	P03	P03

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
85835-X10LF	E	P02	P02
	D	-	-
	C	P01	P01
	B	P01	P01
	A	P01	P01

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
85835-X14LF	E	P13	P13
	D	P13	P13
	C	P05	P05
	B	P37	P37
	A	P37	P37

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
85835-X03LF	E	P01	P01
	D	P01	P01
	C	P01	P01
	B	P02	P02
	A	P01	P01

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
85835-X07LF	E	P03	P03
	D	P03	P03
	C	P03	P03
	B	P03	P03
	A	P03	P03

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
85835-X11LF	E	-	-
	D	P03	P03
	C	P02	P02
	B	P01	P01
	A	P03	P03

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
85835-X04LF	E	P03	P03
	D	P02	P02
	C	P01	P01
	B	P01	P01
	A	P01	P01

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
85835-X08LF	E	P01	P01
	D	P03	P03
	C	P02	P02
	B	P01	P01
	A	P01	P01

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
85835-X12LF	E	P03	P03
	D	P03	P03
	C	-	-
	B	P03	P03
	A	P03	P03

spec ref	*	dr	Terran Huang	2010/07/09	projection 	MM 	size	A4	scale	1:1:10
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Rahul Mohan-M	2021/07/21			ecn no	ELX-I-41722-1		
ISO 406 ISO 1101		chr	-	-			rel level	Released		
surface 3.200	linear	appr	Kuriakose, San	2021/08/16	product family	METRAL	rev			
ISO 1302	angular						85835	R		
	0.X ±0.3									
	0.XX ±0.13									
	0.XXX ±0.050									
	0° ±2°									
		amphenol-icc.com			cat. no.	-	Product - Customer Drw		sheet 3 of 3	