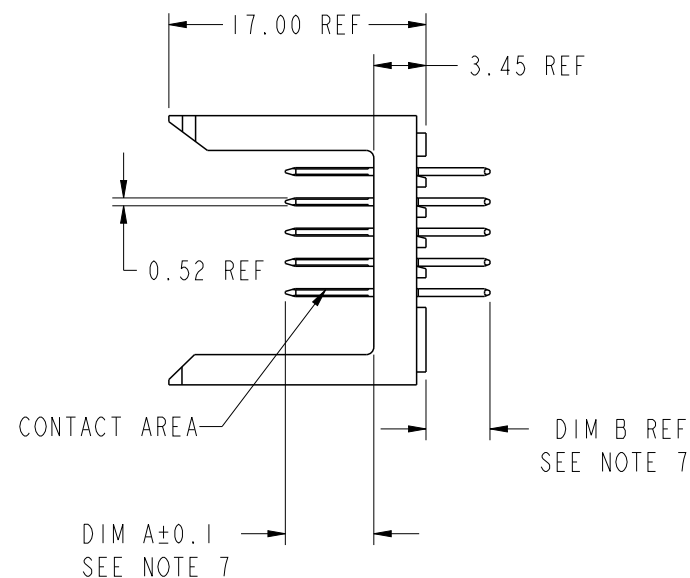
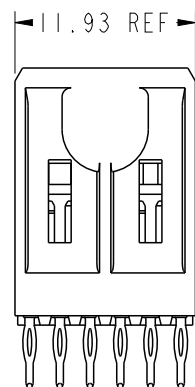
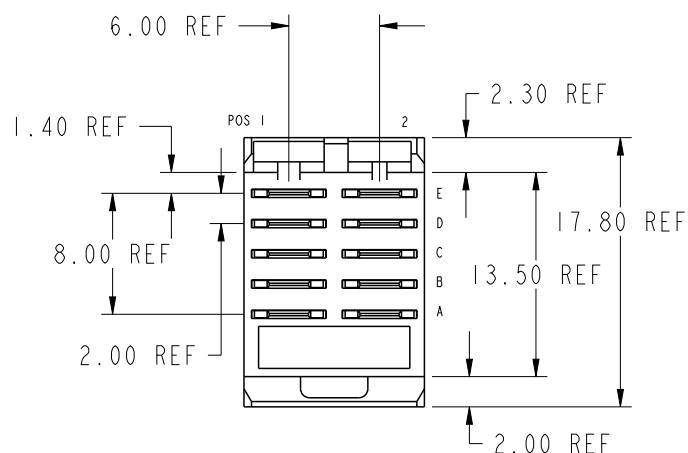


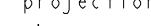
PRODUCT NUMBER
85835-XY Y(L)LF



PART NUMBER : 85835-XYX(L)LF

REFER LUBRICATED (OPTIONAL) Δ
SEE NOTE 3

—X REFER PLATING PERFORMANCE Δ
SEE NOTE 3

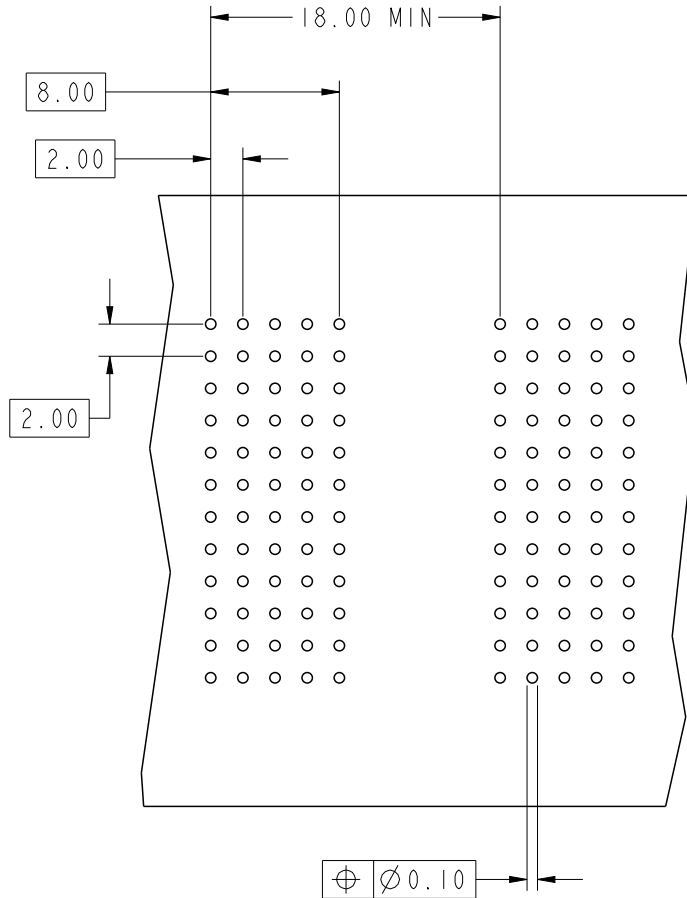
spec ref *				dr	Terran Huang	2010/07/09			size	A4	scale	11:10	
tolerance std				eng	Rahul Mohan-M	2021/07/21			ecn no	ELX-1-41722-1			
ISO 406 ISO 1101				TOLERANCES UNLESS OTHERWISE SPECIFIED							chr	-	
				appr	Kuriakose, San	2021/08/16					product family		METRAL
surface 3.200 ISO 1302			linear	0.X	±0.3	Amphenol FCi	METRAL POWER HEADER 1 MOD, 5 ROW PRESS-FIT		dwg no	85835		rev	R
				0.XX	±0.13								
				0.XXX	±0.050								
angular			0°	±2°	amphenol-icc.com		cat. no.	-	Product - Customer Drw			sheet 1 of 3	

A

B

C

D



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

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-20-075.
- 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.
- Δ SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT REVISION.

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

A

B

C

D

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				
				chr	-	-								
ISO 406				appr	Kuriakose, San	2021/08/16	product family		METRAL	rel level	Released			
ISO 1101														
surface 3.200	linear	0.X	±0.3	Amphenol FCI	title	METRAL POWER HEADER				dwg no	85835		rev	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		

A

B

C

D

2

2

3

3

4

4

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

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

METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
85835-X13LF	E	PI6	PI6
	D	-	-
	C	P01	P01
	B	-	-
	A	P03	P03

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

METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
85835-X14LF	E	PI3	PI3
	D	PI3	PI3
	C	P05	P05
	B	P37	P37
	A	P37	P37

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

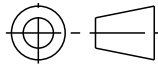
METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
85835-X07LF	E	P03	P03
	D	P03	P03
	C	P03	P03
	B	P03	P03
	A	P03	P03

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

METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	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	
		I	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	
		I	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		11:10											
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng		Rahul Mohan-M		2021/07/21						ecn no		ELX-I-41722-1													
ISO 406																															
ISO 1101																															
ISO 1101		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 POWER HEADER						dwg no		85835				rev		R	
				0.XX		±0.13																									
				0.XXX		±0.050																									
ISO 1302		angular		0°		±2°		amphenol-icc.com		cat. no.		-		Product - Customer Drw						sheet 3 of 3											