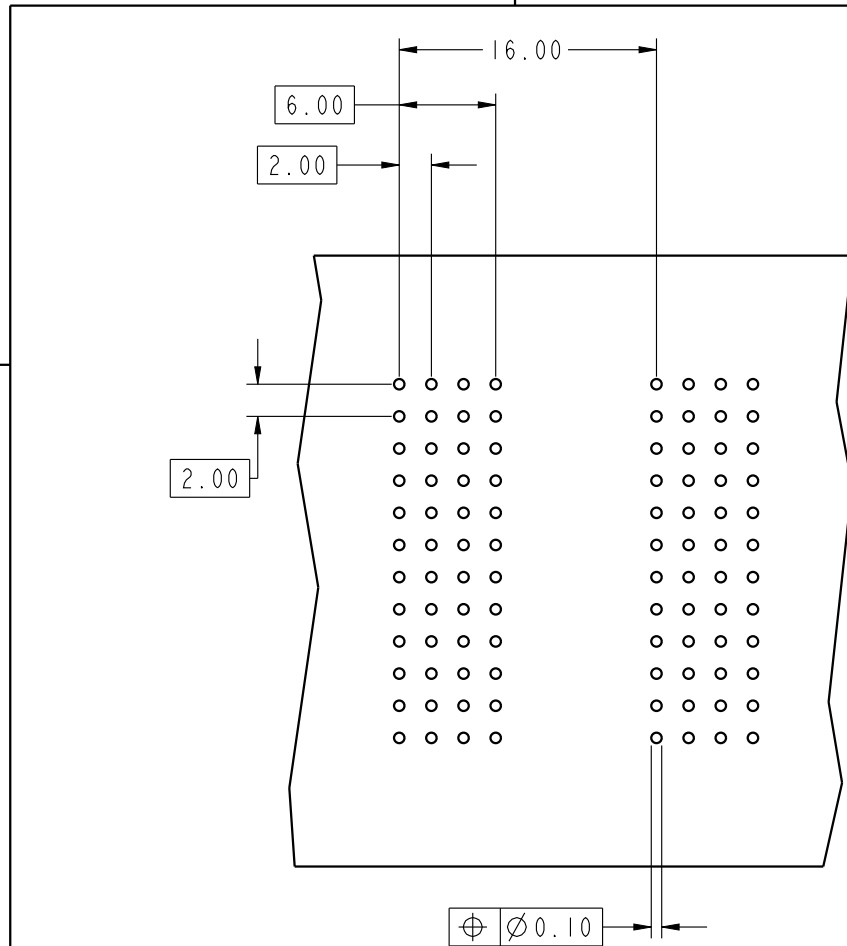


PART NUMBER : 85714-XYX(L)LF  
 L REFER LUBRICATED (OPTIONAL) △  
 SEE NOTE 4  
 X REFER PLATING PERFORMANCE △  
 SEE NOTE 4

spec ref		dr <a href="#">Terran Huang</a>		2010/07/09		projection		size A4		scale 2:10							
tolerance std		eng <a href="#">Rahul Mohan-M</a>		2021/07/24						ecn no <a href="#">ELX-I-41799-1</a>							
ISO 406 ISO 1101		chr -		-						rel level <b>Released</b>							
TOLERANCES UNLESS OTHERWISE SPECIFIED		appr <a href="#">Kuriakose, San</a>		2021/08/16		product family METRAL		rev		sheet 1 of 6							
surface		linear		0.X ±0.3				title METRAL SIGNAL HEADER 2 MOD, 4 ROW PRESS-FIT		dwg no 85714		rev <b>S</b>					
ISO 1302		0.XX ±0.13		amphenol-icc.com										cat. no.		*	
		0.XXX ±0.050		angular										0° ±2°			

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









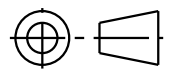

REQUIRED PC BOARD LAYOUT  
COMPONENT SIDE  
SEE PRINT 58351 FOR  
ADDITIONAL PCB INFORMATION

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
9	5.00	17.00
10	5.75	17.00
11	6.50	17.00
12	7.25	17.00
13	8.25	4.30
14	8.25	13.60
15	8.25	17.00
19	8.00	4.30
20	8.00	13.60
21	8.00	17.00
22	5.00	12.10
25	5.75	15.60
31	5.75	12.90
40	5.00	15.60
41	6.50	15.60
42	7.25	15.60
43	8.00	15.60
45	6.50	12.10
48	5.00	15.10
59	5.00	11.80
60	5.75	11.80
61	6.50	11.80
62	7.25	11.80
63	8.00	11.80
64	5.75	14.90

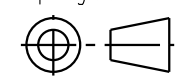


spec ref		dr	Terran Huang	2010/07/09	projection 	MM 	size	A4	scale	1:10	
tolerance std	ISO 406 ISO 1101	eng	Rahul Mohan-M	2021/07/24			ecn no	ELX-I-41799-1			
			chr	-				-			
TOLERANCES UNLESS OTHERWISE SPECIFIED		appr	Kuriakose, San	2021/08/16	product family	METRAL		rel level	Released		
surface 3.200	linear	0.X	±0.3	Amphenol FCi	title	METRAL SIGNAL HEADER		dwg no	85714		rev
		0.XX	±0.13								
		0.XXX	±0.050								
ISO 1302	angular	0°	±2°	amphenol-icc.com	cat. no.	-	sheet 2 of 6				

NOTES:

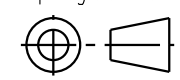

1. FOR DIM A AND B SEE SHEET 2 AND UP.
2. BODY MATERIAL : THERMOPLASTIC UL94-V0. 
3. CONTACT : COPPER ALLOY. 
4. FOR PLATING PERFORMANCE LEVEL REFER DRAWING # 10159408. 
5. PRODUCT MARKING : PART NUMBER DESIGNATION & BATCH I.D.
6. ALL PRODUCTS WITH PART NUMBERS SHOWN IN SUBSEQUENT TABLES WILL BE PACKAGED IN TUBES.  
IF TRAY PACKAGING IS REQUIRED, A SUFFIX "P" WILL BE ADDED TO THE END OF THE PART NUMBER.  
EXAMPLE: XXXXX-XXXP OR XXXXX-XXXPLF
7. PRODUCT SPECIFICATION: GS-12-180.  
APPLICATION SPECIFICATION: BUS-20-073.
8. AFTER INSERTION INTO CIRCUIT BOARD WITH QUALIFIED TOOL.
9. THE PRODUCTS WHERE THE PART NUMBERS ENDS IN LF MEET THE EUROPEAN UNION DIRECTIVE AND OTHER   
COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004.
10. ALL PRODUCTS WILL WITHSTAND EXPOSURE TO 260 DEGREES C FOR 60 SECONDS IN A   
CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.  
Au CONTACT SURFACE OF THE CONTACTS SHALL BE EXPOSED TO A MAXIMUM 140° C FOR NO LONGER THAN 15 SECONDS IN A  
WAVE SOLDER APPLICATION.
11. A  SYMBOL WILL BE NEXT TO ANY DIMENSION, 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	1:10
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Rahul Mohan-M	2021/07/24			ecn no	ELX-I-41799-1		
		chr	-	-			rel level	Released		
surface $\checkmark$ 3.200	linear	appr	Kuriakose, San	2021/08/16	product family	METRAL				
ISO 1302	angular	Amphenol FCi		title	METRAL SIGNAL HEADER		dwg no	85714	rev	S
		0.X	$\pm 0.3$	amphenol-icc.com	cat. no.	-	sheet 3 of 6			
		0.XX	$\pm 0.13$							
		0.XXX	$\pm 0.050$							
		0°	$\pm 2^\circ$							

A	1	2	3	4
	METRAL P/N	METRAL P/N	METRAL P/N	METRAL P/N
	ROW	ROW	ROW	ROW
	D	D	D	D
	C	C	C	C
	85714-X01LF	85714-X06LF	85714-X11LF	85714-X16LF
	B	B	B	B
	A	A	A	A
	METRAL P/N	METRAL P/N	METRAL P/N	METRAL P/N
	ROW	ROW	ROW	ROW
	85714-X02LF	85714-X07LF	85714-X12LF	85714-X17LF
	D	D	D	D
	C	C	C	C
	B	B	B	B
	A	A	A	A
B	METRAL P/N	METRAL P/N	METRAL P/N	METRAL P/N
	ROW	ROW	ROW	ROW
	D	D	D	D
	C	C	C	C
	B	B	B	B
	85714-X03LF	85714-X08LF	85714-X13LF	85714-X18LF
	A	A	A	A
	METRAL P/N	METRAL P/N	METRAL P/N	METRAL P/N
	ROW	ROW	ROW	ROW
	D	D	D	D
	85714-X04LF	85714-X09LF	85714-X14LF	85714-X19LF
	C	C	C	C
	B	B	B	B
	A	A	A	A
	METRAL P/N	METRAL P/N	METRAL P/N	METRAL P/N
C	ROW	ROW	ROW	ROW
	D	D	D	D
	C	C	C	C
	B	B	B	B
	A	A	A	A
	85714-X05LF	85714-X10LF	85714-X15LF	85714-X20LF
	D	D	D	D
	C	C	C	C
	B	B	B	B
	A	A	A	A

spec ref		dr	Terran Huang	2010/07/09			size	A4	scale	1:10	
tolerance std		eng	Rahul Mohan-M	2021/07/24			ecn no	ELX-I-41799-1			
ISO 406 ISO 1101		chr	-	-			rel level	Released			
surface 3.200		appr	Kuriakose, San	2021/08/16	product family		METRAL		rev		
TOLERANCES UNLESS OTHERWISE SPECIFIED linear				METRAL SIGNAL HEADER 2 MOD, 4 ROW PRESS-FIT				dwg no 85714		sheet 4 of 6	
ISO 1302		0.X ±0.3 0.XX ±0.13 0.XXX ±0.050 0° ±2°		amphenol-icc.com		-		-			

1	2	3	4	
A				A
				B
				C
				D

spec ref	dr <b>Terran Huang</b>	2010/07/09	projection	MM	size	A4	scale	1:10
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED				ecn no	ELX-I-41799-1		
surface 3.200	chr	-	product family	METRAL		rel level	<b>Released</b>	
ISO 1302	appr	<b>Kuriakose, San</b>	METRAL SIGNAL HEADER		dwg no	85714		rev
linear			2 MOD, 4 ROW PRESS-FIT					<b>S</b>
angular			cat. no.					sheet 5 of 6

Creo F114; ELX-FCI; REV F, 2020-12-21

