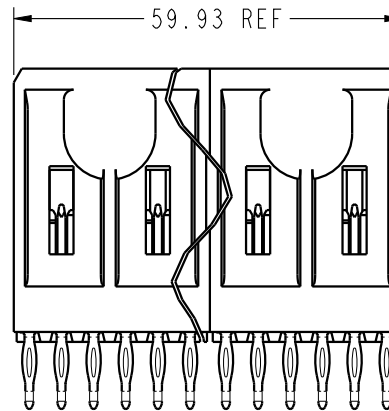
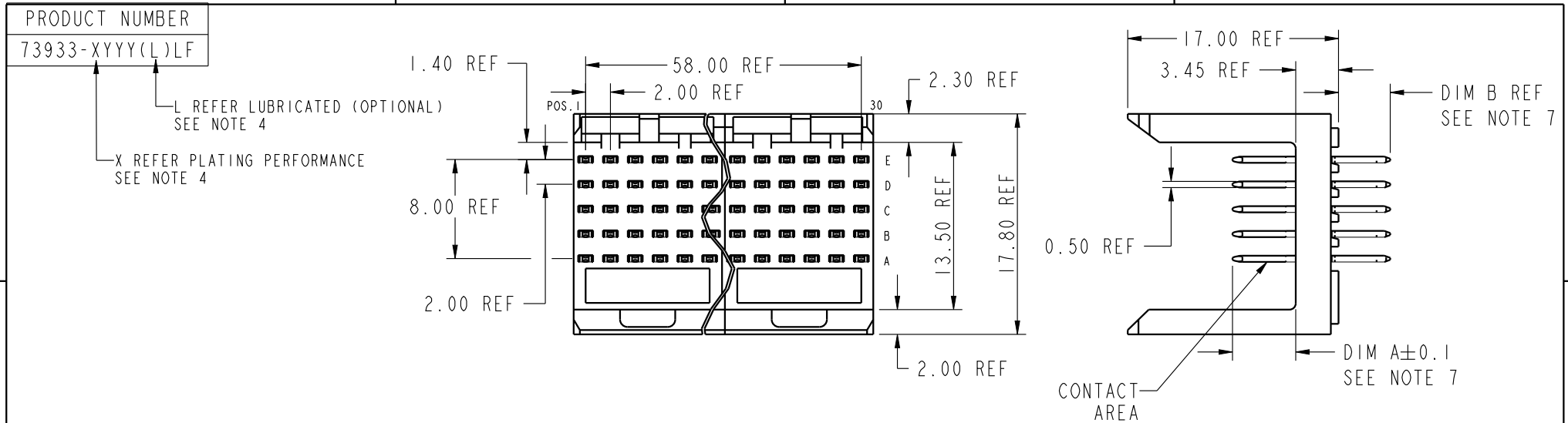
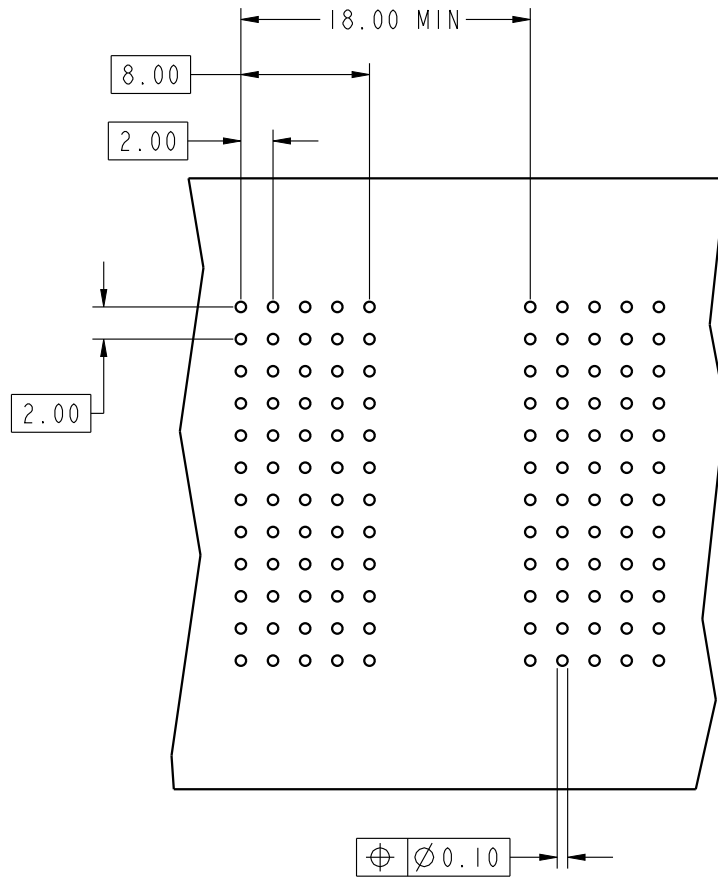




NOTES:

1. FOR DIM A AND B SEE SHEET 2 AND UP.
2. BODY MATERIAL: LCP, UL 94-V0.
3. PIN MATERIAL: COPPER ALLOY.
4. FOR PLATING PERFORMANCE REFER DRAWING #10159408.
5. 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.
6. PRODUCT SPECIFICATION GS-12-180. APPLICATION SPECIFICATION BUS-20-073.
7. AFTER INSERTION INTO CIRCUIT BOARD WITH QUALIFIED TOOL.
8. THE PRODUCTS WHERE THE PART NUMBER ENDS IN LF MEET THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
9. ALL PRODUCTS WILL WITHSTAND EXPOSURE TO 260°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.
10. A Δ 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	2:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Nirmal Sam-MB	2022/06/08			ecn no	ELX-I-44951-1		
ISO 406		chr	-	-			rel level	Released		
ISO 1101		appr	Kuriakose, San	2022/10/19	product family	METRAL	rel level	Released		
surface	linear	Amphenol FCi			title		dwg no		rev	
	0.X									
	±0.3									
	0.XX	Amphenol FCi			title		dwg no		rev	
	±.13									
	0.XXX	Amphenol FCi			title		dwg no		rev	
	±.051									
	angular	Amphenol FCi			cat. no.		Product - Customer Drw		sheet 1 of 7	
	0°									
	±2°	Amphenol FCi			cat. no.		Product - Customer Drw		sheet 1 of 7	
ISO 1302		Amphenol FCi			cat. no.		Product - Customer Drw		sheet 1 of 7	



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

KEY		
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
9	5.00	17.00
10	5.75	17.00
11	6.50	17.00
12	7.25	17.00
19	8.00	4.30
25	5.75	15.60
40	5.00	15.60
41	6.50	15.60
42	7.25	15.60
59	5.00	11.80
60	5.75	11.80
61	6.50	11.80
62	7.25	11.80

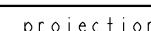
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tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Nirmal Sam-MB	2022/06/08			ecn no	ELX-I-44951-1			
				chr	-	-							
				appr	Kuriakose, San	2022/10/19						product family	
surface	linear	0.X	±0.3	Amphenol FCi	title	METRAL SIGNAL HEADER			dwg no	73933		rev	AE
		0.XX	±.13										
		0.XXX	±.051										
	ISO 1302	angular	0°	±2°	cat. no.	-	Product - Customer Drw				sheet 2 of 7		

sheet 3 of 7

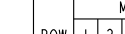
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METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						MOD. 3						MOD. 4						MOD. 5						
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
73933-X015LF	E	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
	D	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
	C	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
	B	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62
	A	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						MOD. 3						MOD. 4						MOD. 5						
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	A	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60

spec ref		*		dr	Terran Huang	2010/07/09	projection 	MM 	size	A4	scale	2:1
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Nirmal Sam-MB	2022/06/08			ecn no	ELX-I-44951-1		
ISO 406				chr	-	-				rel level	Released	
ISO 1101				appr	Kuriakose, San	2022/10/19					product family	
surface	✓	linear	0.X	±0.3	Amphenol FCI	title	METRAL SIGNAL HEADER		dwg no	73933		rev
			0.XX	±.13								
			0.XXX	±.051								
	ISO 1302	angular	0°	±2°								
AE												

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METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4						MOD. 5					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
 739337-0018LF	E	OBSOLETE																													
	D																														
	C																														
	B																														
	A																														

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4						MOD. 5					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
73933-X019LF	E	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
	D	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
	C	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
	B	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
	A	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41

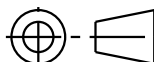
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73933-X020LF	E	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
	D	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41
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	B	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
	A	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41

spec ref		*		dr	Terran Huang	2010/07/09
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Nirmal Sam-MB	2022/06/08
ISO 406				chr	-	-
ISO 1101				appr	Kuriakose, San	2022/10/19
surface  ISO 1302	linear	0.X	±0.3	Amphenol FCi	title	METRA 5 MOD,
		0.XX	±.13			
		0.XXX	±.051			
	angular	0°	±2°		cat. no.	

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METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						MOD. 3						MOD. 4						MOD. 5					
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73933-X023LF	E	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
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	B	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
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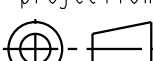
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		ecn no		ELX-I-44951-1		
product family		METRAL		rel level		Released
ANAL HEADER		dwg no			73933	
PRESS-FIT					rev	
					AE	
Product - Customer Drw				sheet 5 of 7		

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						MOD. 3						MOD. 4						MOD. 5					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
73933-X025LF	E	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
	D	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
	C	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
	B	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
	A	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9

[illegible][illegible][illegible][illegible]

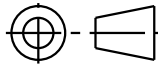
METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4						MOD. 5					
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	D	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	C	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
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	A	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10

[illegible][illegible]

spec ref		*		dr	Terran Huang	2010/07/09	projection 	MM 	size	A4	scale	2:1		
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Nirmal Sam-MB	2022/06/08			ecn no	ELX-I-44951-1				
				chr	-	-								
ISO 406				appr	Kuriakose, San	2022/10/19	product family		METRAL		rel level	Released		
ISO 1101														
surface	linear	0.X	±0.3	Amphenol FCI	title			METRAL SIGNAL HEADER			dwg no	73933		rev
		0.XX	±.13											
		0.XXX	±.051											
ISO 1302	angular	0°	±2°		cat. no.			-	Product - Customer Drw			sheet 6 of 7		

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4					MOD. 5								
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73933-X033LF	E	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	D	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	C	2	2	2	2	2	2	-	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	A	2	2	2	2	2	2	-	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4					MOD. 5								
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	D	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	C	3	3	3	3	3	3	19	19	19	19	19	19	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	B	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	A	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3

spec ref		*		dr	Terran Huang	2010/07/09			size	A4	scale	2:1	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Nirmal Sam-MB	2022/06/08			ecn no	ELX-I-44951-1			
				chr	-	-							
ISO 406				appr	Kuriakose, San	2022/10/19	product family		METRAL		rel level	Released	
ISO 1101													
surface		linear	0.X	±0.3		title	METRAL SIGNAL HEADER			dwg no	73933		rev
			0.XX	±.13									
			0.XXX	±.051									
ISO 1302	angular	0°	±2°				cat. no.	-	Product - Customer Drw			sheet 7 of 7	AE