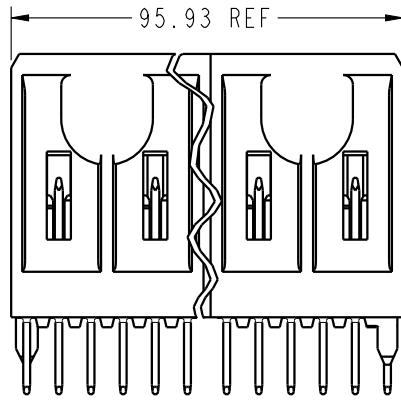
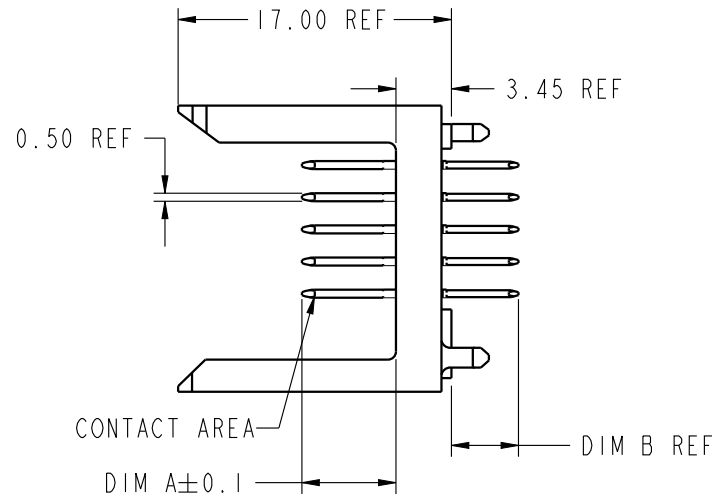
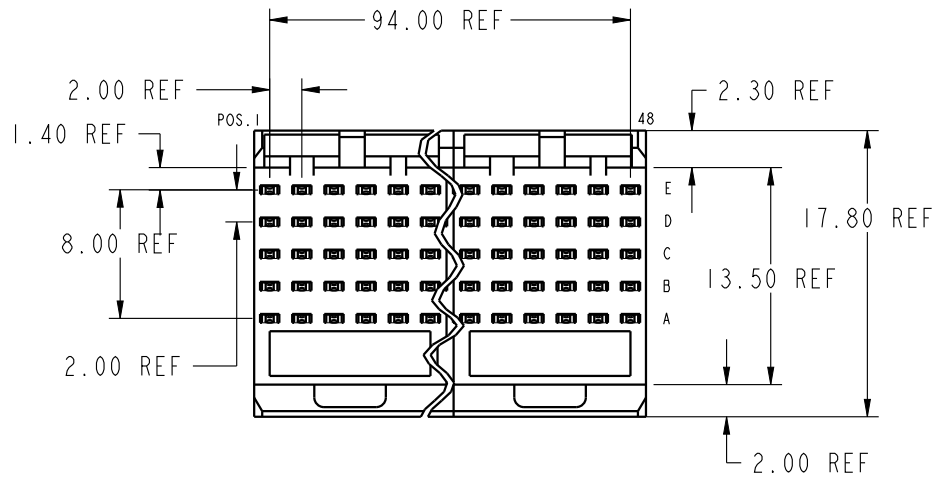


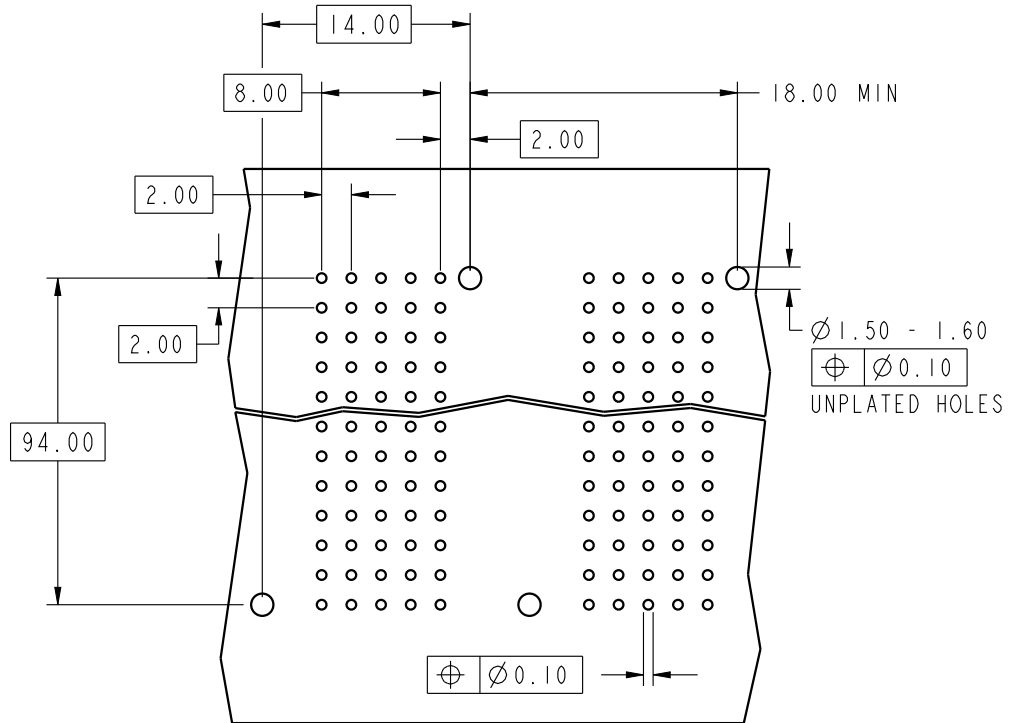
PRODUCT NUMBER

74744-XYLFF



spec ref		dr Terran Huang		2010/07/09		projection 	MM ←→	size	A4	scale	21:10
tolerance std		eng Narayanan, Aru		2021/01/21				ecn no	ELX-I-39718-1		
ISO 406 ISO 1101		chr -		-				rel level	Released		
TOLERANCES UNLESS OTHERWISE SPECIFIED		appr Kuriakose, San		2021/01/27		product family		METRAL			
surface 3.2 ISO 1302	linear	0.X	±0.3	Amphenol FCi	title	METRAL SIGNAL HEADER		dwg no	74744		rev M
		0.XX	±0.13			8 MOD, 5 ROW STB					
		0.XXX	±0.050			cat. no. -					
angular	0°	±2°	amphenol-icc.com	Product - Customer Drw		sheet 1 of 10					

Creo F114:ELX-NC:AC,REV F,2020-12-21



KEY (SIGNAL STB)		
CODE	DIMENSIONS	
	DIM "A" MATE	DIM "B" TAIL
1	5.00	4.25
2	5.75	4.25
3	6.50	4.25
4	7.25	4.25
5	5.00	3.30
6	5.75	3.30
7	6.50	3.30
8	7.25	3.30
9	5.00	2.65
10	5.75	2.65
11	6.50	2.65
12	7.25	2.65
13	8.00	4.25

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	1:10			
tolerance std		eng	Narayanan, Aru	2021/01/21			ecn no	ELX-I-39718-1					
ISO 406 ISO 1101		chr	-	-				rel level	Released				
surface 3.2		appr	Kuriakose, San	2021/01/27	product family		METRAL		rev				
ISO 1302		 amphenol-icc.com		title			METRAL SIGNAL HEADER		dwg no		74744		
linear				8 MOD, 5 ROW STB			rev		M				
angular				cat. no.			Product - Customer Drw		sheet 2 of 10				
TOLERANCES UNLESS OTHERWISE SPECIFIED		0.X		±0.3		0.XX		±0.13		0.XXX		±0.050	
		0°		±2°									

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4					MOD. 5					MOD. 6					MOD. 7					MOD. 8																			
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	C	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	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	
	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	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
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METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4					MOD. 5					MOD. 6					MOD. 7					MOD. 8																						
		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	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48										
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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	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	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
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METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4					MOD. 5					MOD. 6					MOD. 7					MOD. 8																								
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METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4					MOD. 5					MOD. 6					MOD. 7					MOD. 8																										
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spec ref			dr	Terran Huang	2010/07/09	projection 	MM 	size	A4	scale	1:10		
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Narayanan, Aru	2021/01/21			ecn no	ELX-I-39718-1				
ISO 406 ISO 1101			chr	-	-			rel level	Released				
surface 3.2	linear	0.X	±0.3	Amphenol FCI	part name		METRAL SIGNAL HEADER			dwg no	74744	rev	M
ISO 1302		0.XX	±0.13		8 MOD, 5 ROW STB								
	angular	0°	±2°	amphenol-icc.com	cat. no.	-	Product - Customer Drw				sheet 3 of 10		

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4					MOD. 5					MOD. 6					MOD. 7					MOD. 8																
		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	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48				
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	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	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
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METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4					MOD. 5					MOD. 6					MOD. 7					MOD. 8																
		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	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48				
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	C	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	B	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
	A	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4					MOD. 5					MOD. 6					MOD. 7					MOD. 8																	
		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	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48					
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METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4					MOD. 5					MOD. 6					MOD. 7					MOD. 8																		
		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	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48						
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spec ref	dr Terran Huang		2010/07/09	projection	MM	size A4	scale 11:10	
tolerance std	eng Narayanan, Aru		2021/01/21					
ISO 406	TOLERANCES UNLESS OTHERWISE SPECIFIED			chr -	←→	ecn no ELX-I-39718-1	rel level Released	
ISO 1101	apppr Kuriakose, San							2021/01/27
surface 3.2	linear	0.X ±0.3	Amphenol FCI	METRAL SIGNAL HEADER			dwg no 74744	rev M
ISO 1302	0.XX ±0.13	8 MOD, 5 ROW STB						
	angular 0° ±2°	cat. no. - Product - Customer Drw						
amphenol-icc.com				sheet 4 of 10				



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METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4					MOD. 5					MOD. 6					MOD. 7					MOD. 8													
		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	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	
74744-X09LF	E	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4		
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	C	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
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METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4					MOD. 5					MOD. 6					MOD. 7					MOD. 8														
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METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4					MOD. 5					MOD. 6					MOD. 7					MOD. 8															
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METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4					MOD. 5					MOD. 6					MOD. 7					MOD. 8															
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spec ref	dr	Terran Huang	2010/07/09	projection		MM	size	A4	scale	1:10
tolerance std	eng	Narayanan, Aru	2021/01/21	product family			METRAL	rel level	Released	
ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED				dwg no		74744		rev	
ISO 1302	linear	0.X	±0.3		METRAL SIGNAL HEADER				sheet 5 of 10	
ISO 1302	angular	0.XX	±0.13		8 MOD, 5 ROW STB					
ISO 1302		0.XXX	±0.050		cat. no. - Product - Customer Drw					
ISO 1302	angular	0°	±2°	amphenol-icc.com	Product - Customer Drw				sheet 5 of 10	

Creo F.14:ELX-MC-AAC,REV F,2020-12-21

Amphenol FCI

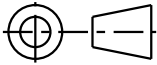


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METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4					MOD. 5					MOD. 6					MOD. 7					MOD. 8														
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METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4					MOD. 5					MOD. 6					MOD. 7					MOD. 8															
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METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4					MOD. 5					MOD. 6					MOD. 7					MOD. 8																
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METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4					MOD. 5					MOD. 6					MOD. 7					MOD. 8																
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spec ref			dr	Terran Huang	2010/07/09	projection 	MM 	size	A4	scale	1:10		
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			chr	-				rel level	Released				
surface 3.2 	linear	0.X	±0.3	Amphenol FCI	METRAL SIGNAL HEADER	product family	METRAL			dwg no	74744	rev	M
		0.XX	±0.13				Product - Customer Drw						
ISO 1302	angular	0°	±2°	amphenol-icc.com	cat. no.	-	Product - Customer Drw				sheet 6 of 10		

Creo F110;ELX-FCI;REV F, 2020-12-21

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4					MOD. 5					MOD. 6					MOD. 7					MOD. 8																
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METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4					MOD. 5					MOD. 6					MOD. 7					MOD. 8																		
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METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4					MOD. 5					MOD. 6					MOD. 7					MOD. 8																	
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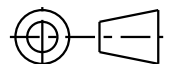

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		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48					
74744-X62LF	E	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9		
	D	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	
	C	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	
	B	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
	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	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9

spec ref		dr	Terran Huang		2010/07/09		projection		MM	←————→	size	A4		scale	1:10	
tolerance std		eng	Narayanan, Aru		2021/01/21						ecn no	ELX-I-39718-1				
ISO 406 ISO 1101		TOLERANCES UNLESS OTHERWISE SPECIFIED				chr	-		product family	METRAL			rel level	Released		
surface 3.2 ISO 1302	linear	0.X	±0.3		Amphenol FCI	METRAL SIGNAL HEADER						dwg no	74744		rev	M
		0.XX	±0.13			8 MOD, 5 ROW STB										
	angular	0°	±2°			amphenol-icc.com	cat. no.	-			Product - Customer Draw			sheet 7 of 10		

NOTES:

1. FOR DIM A, AND B SEE SHEET 2 AND UP.
2. MATERIAL : BODY : THERMOPLASTIC UL94-V0. 
: CONTACT : COPPER ALLOY.
3. FOR PLATING PERFORMANCE REFER DRAWING # 10159408. 
4. ALL PRODUCTS WITH PART NUMBERS SHOWN IN SUBSEQUENT TABLES WILL BE PACKAGED IN TUBES.
IF TRAY PACKAGING IS REQUIRED, SUFFIX "P" WILL BE ADDED TO THE END OF
THE PART NUMBER.
EXAMPLE: 74744-XXXPLF
5. THE PRODUCTS MEET THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS 
AS DESCRIBED IN GS-47-0004.
6. ALL PRODUCTS WILL WITHSTAND EXPOSURE TO 260 ° C FOR 60 SECONDS IN A CONVECTION,
INFRA-RED OR VAPOR PHASE REFLOW OVEN. THE 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.
7. A  SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE
CURRENT DRAWING REVISION.
8. 74744-XYPLF.

 'x' REFER DRAWING # 10159408. 

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	Narayanan, Aru	2021/01/21			ecn no	ELX-I-39718-1		
		chr	-	-			rel level	Released		
surface 3.2 ISO 1302	linear	appr	Kuriakose, San	2021/01/27	product family	METRAL				
	angular	Amphenol FCi		title	METRAL SIGNAL HEADER		dwg no	74744	rev	M
		amphenol-icc.com		cat. no.	-	Product - Customer Drw		sheet	10 of 10	