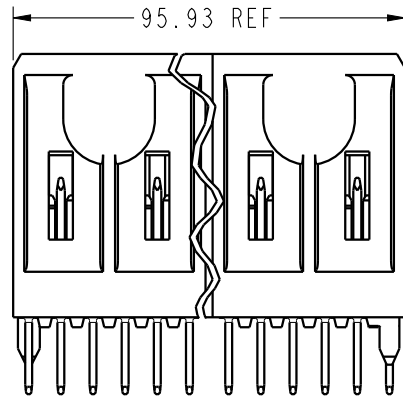
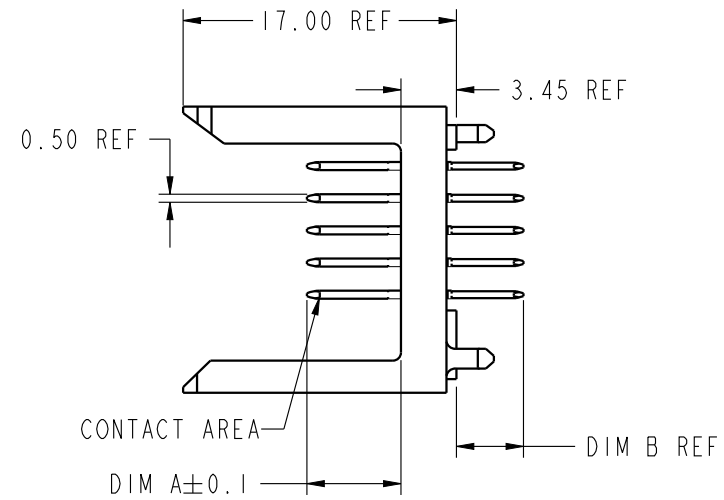
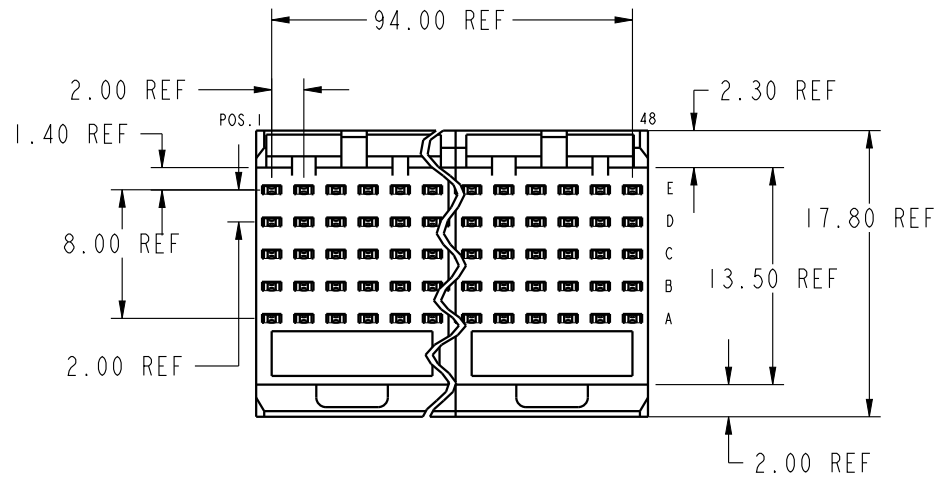
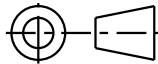
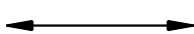
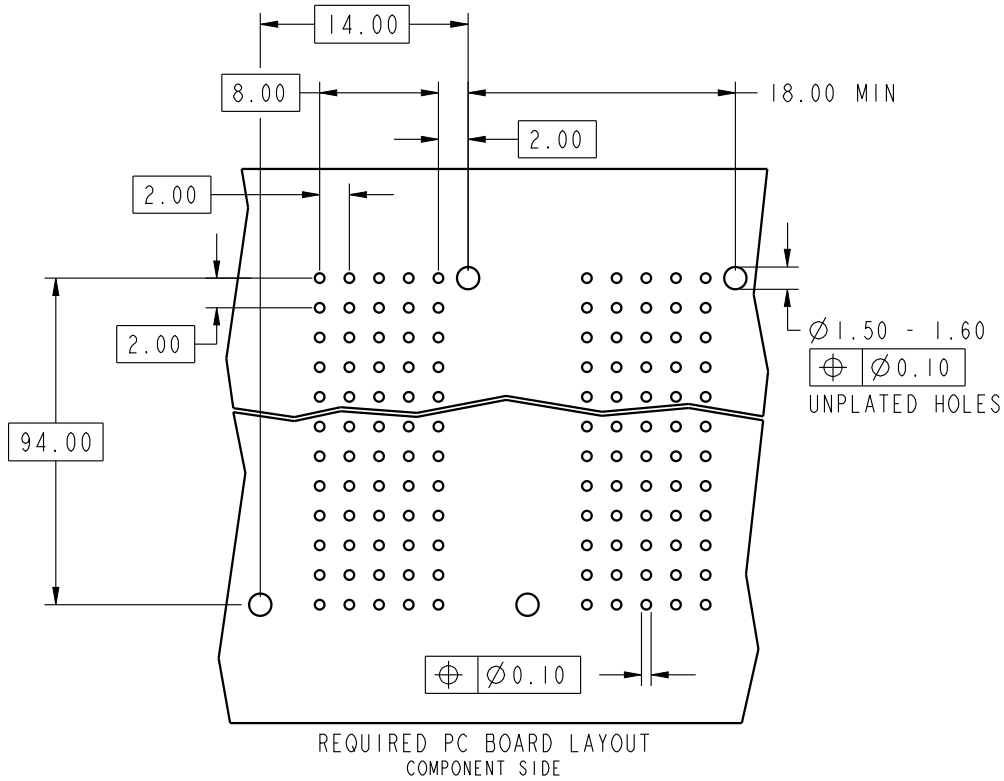


PRODUCT NUMBER

74744-XYLFF

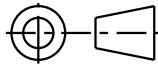
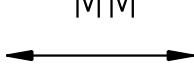


spec ref		dr		Terran Huang	2010/07/09			size	A4	scale	21:10				
tolerance std		eng		Narayanan, Aru	2021/01/21			ecn no	ELX-I-39718-1						
ISO 406 ISO 1101		chr		-	-			rel level			Released				
TOLERANCES UNLESS OTHERWISE SPECIFIED		appr		Kuriakose, San	2021/01/27	product family		METRAL							
surface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



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

SEE PRINT 58351 FOR
ADDITIONAL PCB INFORMATION

spec ref		dr		Terran Huang	2010/07/09			size	A4	scale	11:10	
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	
				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 8 MOD, 5 ROW STB			dwg no	74744		rev M	
		0.XX	±0.13									
		0.XXX	±0.050									
	angular	0°	±2°	amphenol-icc.com	cat. no.		-	Product - Customer Drw			sheet 2 of 10	

Creo F110-ELX-MC-AAC, 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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	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
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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-X02LF	E	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	
	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
	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
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	A	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I

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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	D	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
	C	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
	B	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
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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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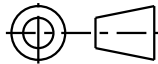
spec ref		dr		Terran Huang	2010/07/09			size	A4	scale	11:10			
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Narayanan, Aru			2021/01/21	ecn no				ELX-I-39718-1	
				chr	-			-	rel level				Released	
				appr	Kuriakose, San			2021/01/27	product family			METRAL		
surface 3.2 ISO 1302		linear	0.X	±0.3	Amphenol FCi	title	METRAL SIGNAL HEADER			dwg no	74744		rev	M
			0.XX	±0.13										
			0.XXX	±0.050										
	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													
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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			size	A4	scale	11:10															
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Narayanan, Aru			2021/01/21	ecn no				ELX-I-39718-1													
				chr	-			-																		
				appr	Kuriakose, San			2021/01/27	product family		METRAL	rel level		Released												
surface 3.2 ISO 1302		linear	0.X	±0.3		title	METRAL SIGNAL HEADER				dwg no	74744		rev	M											
			0.XX	±0.13												8 MOD, 5 ROW STB										
			0.XXX	±0.050																						
angular		0°	±2°	amphenol-icc.com		cat. no.		-		Product - Customer Drw				sheet 4 of 10												

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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				appr	Kuriakose, San			2021/01/27	product family		METRAL				
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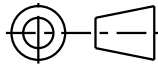
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METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						MOD. 3						MOD. 4						MOD. 5						MOD. 6						MOD. 7						MOD. 8					
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METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4					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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ISO 406			appr	Kuriakose, San	2021/01/27	product family		METRAL						
ISO 1101														
surface 3.2	linear	0.X	±0.3	Amphenol FCI	title	METRAL SIGNAL HEADER				dwg no	74744		rev	M
		0.XX	±0.13											
		0.XXX	±0.050											
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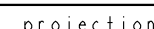
Crea File:ELX-MC-AAC,REV F,2020-12-21

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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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			size	A4	scale	11:10	
tolerance std		eng		Narayanan, Aru	2021/01/21			ecn no	ELX-I-39718-1			
ISO 406 ISO 1101		chr		-	-			rel level Released				
		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 8 MOD, 5 ROW STB		dwg no 74744		rev M		
ISO 1302	0.XX		±0.13									
	0.XXX		±0.050									
angular		0°	±2°	amphenol-icc.com		cat. no.		-		Product - Customer Drw		
										sheet 7 of 10		

Crea File:ELX-MC-AAC,REV F,2020-12-21

A

B

C

D

A

B

C

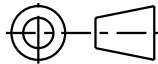
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METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4					MOD. 5					MOD. 6					MOD. 7					MOD. 8												
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METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						MOD. 3						MOD. 4						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			size	A4	scale	11:10			
tolerance std		eng		Narayanan, Aru	2021/01/21			ecn no	ELX-I-39718-1					
ISO 406 ISO 1101		chr		-	-			rel level	Released					
		appr		Kuriakose, San	2021/01/27	product family		METRAL						
surface 3.2 ISO 1302		linear angular	0.X	±0.3		title METRAL SIGNAL HEADER 8 MOD, 5 ROW STB		dwg no 74744		rev M				
ISO 1302	0.XX		±0.13											
	0.XXX		±0.050											
			0°	±2°	amphenol-icc.com		cat. no.		-		Product - Customer Drw		sheet 8 of 10	

Creo File:ELX-MC-AAC_REV F_2020-12-21

2

3

4

PDS: Rev :M

STATUS:Released

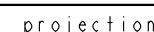
Printed: Jan 29, 2021

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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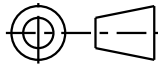
METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4					MOD. 5					MOD. 6					MOD. 7					MOD. 8														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47			
74744-X70LF	E	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	20	21	22	23	24	25	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	D	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	C	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	B	5	5	7	7	7	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	7	7	7	7	5	5	5	5	5	7	7	7	7	5	5	5	5	5	
	A	5	5	7	7	7	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	7	7	7	7	5	5	5	5	5	7	7	7	7	5	5	5	5	5		

spec ref				dr	Terran Huang	2010/07/09			size	A4	scale	11:10
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			
				appr	Kuriakose, San	2021/01/27						product family METRAL
surface 3.2 ISO 1302	linear	0.X	±0.3		title METRAL SIGNAL HEADER 8 MOD, 5 ROW STB				dwg no	74744		rev M
		0.XX	±0.13									
		0.XXX	±0.050									
	angular	0°	±2°	amphenol-icc.com	cat. no.	-	Product - Customer Drw				sheet 9 of 10	

Crea File:ELX-MC-AAC,REV F,2020-12-21

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, SUFFIX "P" WILL BE ADDED TO THE END OF
THE PART NUMBER.
EXAMPLE: 74744-XXXPLF
- THE PRODUCTS MEET THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS 
- 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.
- A  SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE
CURRENT DRAWING REVISION.
- 74744-XYPLF.
↑
'X' REFER DRAWING # 10159408. 

spec ref				dr	Terran Huang	2010/07/09			size	A4	scale	11:10
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			
				appr	Kuriakose, San	2021/01/27			product family METRAL			
surface 3.2 ISO 1302	linear	0.X	±0.3		title METRAL SIGNAL HEADER 8 MOD, 5 ROW STB				dwg no	74744		rev M
		0.XX	±0.13									
		0.XXX	±0.050									
ISO 1302	angular	0°	±2°	amphenol-icc.com	cat. no. -			Product - Customer Drw			sheet 10 of 10	

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