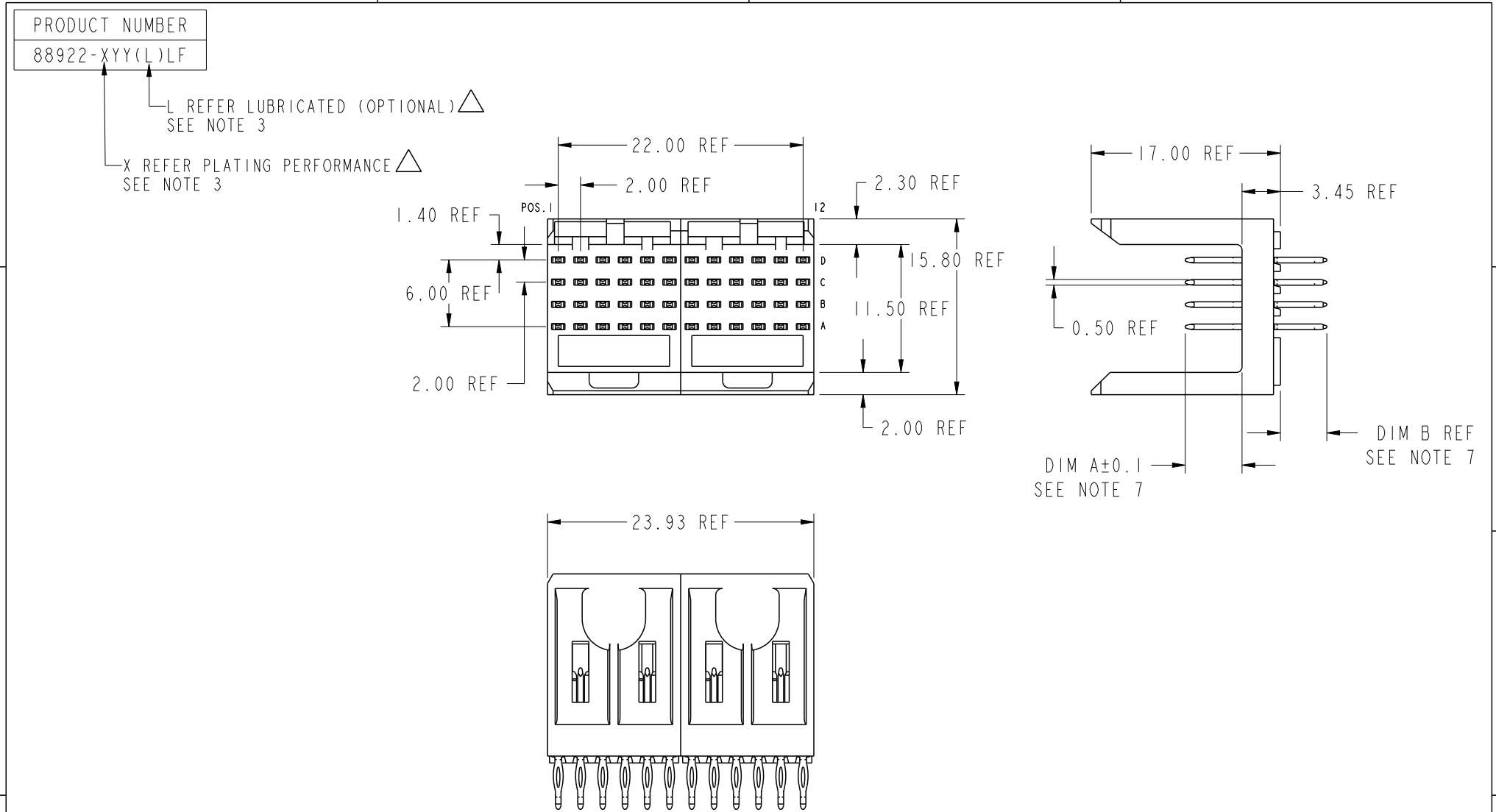




spec ref		*		dr	Terran Huang	2010/07/09	projection 	MM 	size	A4	scale	11:10	
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Rahul Mohan-M	2021/07/13			ecn no	ELX-I-41566-1			
				chr	-	-							
				appr	Kuriakose, San	2021/08/25			product family		METRAL	rel level	
surface 3.200 ✓ ISO 1302	linear	0.X	±0.3	Amphenol FCI	title	METRAL SIGNAL HEADER 2 MOD , 4 ROW PRESS-FIT			dwg no	88922		rev	AX
		0.XX	±0.13										
		0.XXX	±0.050										
	angular	0°	±2°	amphenol-icc.com	cat. no.	-	Product - Customer Drw			sheet 1 of 4			

A

B

C

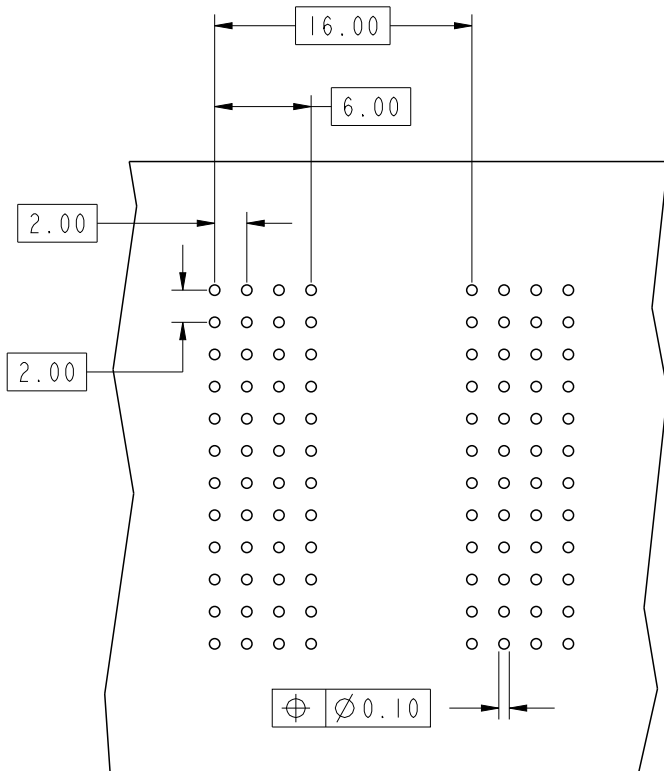
D

A

B

C

D

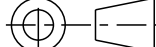


REQUIRED PC BOARD LAYOUT
COMPONENT SIDE
SEE PRINT 58351 FOR
ADDITIONAL PCB INFORMATION

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
5	5.00	13.60
6	5.75	13.60
7	6.50	13.60
8	7.25	13.60
11	6.50	17.00
17	7.00	13.60
19	8.00	4.30
20	8.00	13.60
21	8.00	17.00
25	5.75	15.60
52	8.00	14.90
64	5.75	14.90
69	7.25	14.90

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-20-073
- AFTER INSERTION INTO BOARD WITH QUALIFIED TOOLING.
- THE PRODUCTS MEET THE EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004.
- ALL THE PRODUCTS WILL WITHSTAND EXPOSURE TO 260°C FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN. THE A_u 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 Δ SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT REVISION.

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	2021/07/13		ecn no				ELX-I-41566-1						
ISO 406				chr	-	-		rel level				Released						
ISO 1101				appr	Kuriakose, San	2021/08/25		product family		METRAL								
surface 3.200		linear	0.X	±0.3	Amphenol FCI		title		METRAL SIGNAL HEADER		dwg no		88922		rev		AX	
ISO 1302			0.XX	±0.13														
			0.XXX	±0.050														
angular		0°	±2°	amphenol-icc.com		cat. no.		-		Product - Customer Drw				sheet 2 of 4				

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
88922-X01LF	D	-	2	-	2	-	2	-	2	-	2	-	2
	C	-	2	-	2	-	2	-	2	-	2	-	2
	B	-	2	-	2	-	2	-	2	-	2	-	2
	A	-	2	-	2	-	2	-	2	-	2	-	2

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
88922-X02LF	D	-	6	-	6	-	6	-	6	-	6	-	6
	C	-	6	-	6	-	6	-	6	-	6	-	6
	B	-	6	-	6	-	6	-	6	-	6	-	6
	A	-	6	-	6	-	6	-	6	-	6	-	6

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
88922-X03LF	D	2	2	2	2	2	1	1	2	2	2	2	2
	C	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
	A	2	2	2	2	2	3	3	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
88922-X04LF	D	-	-	2	2	-	-	2	2	2	2	2	2
	C	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
	A	-	-	-	-	-	4	4	4	4	19	19	

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
88922-X05LF	D	25	25	25	25	25	25	25	25	25	25	25	25
	C	25	25	25	25	25	25	25	25	25	25	25	25
	B	25	25	25	25	25	25	25	25	25	25	25	25
	A	25	25	25	25	25	25	25	25	25	25	25	25

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
88922-X06LF	D	6	6	6	20	20	20	6	6	6	20	20	20
	C	6	6	6	20	20	20	6	6	6	20	20	20
	B	6	6	6	20	20	20	6	6	6	20	20	20
	A	6	6	6	20	20	20	6	6	6	20	20	20

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
88922-X07LF	D	2	3	2	2	2	2	2	2	2	2	2	2
	C	2	3	2	2	2	2	2	2	2	2	2	2
	B	2	3	1	2	2	2	2	2	2	2	2	2
	A	2	3	2	2	2	2	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
88922-X08LF	D	1	1	1	1	1	1	1	1	1	19	19	19
	C	1	1	1	1	1	1	1	1	1	19	19	19
	B	1	1	1	1	1	1	1	1	1	19	19	19
	A	1	1	1	1	1	1	1	1	1	19	19	19

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
88922-X09LF	D	1	3	1	1	1	1	1	1	1	1	1	1
	C	1	3	1	1	1	1	1	1	1	1	1	1
	B	1	3	1	1	1	1	1	1	1	1	1	1
	A	1	3	1	1	1	1	1	1	1	1	1	1

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
88922-X10LF	D	-	-	6	6	-	-	6	6	6	6	6	6
	C	6	6	6	6	6	6	6	6	6	6	6	6
	B	6	6	6	6	6	6	6	6	6	6	6	6
	A	-	-	-	-	-	8	8	8	8	20	20	

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
88922-X11LF	D	19	1	1	1	1	19	1	19	1	19	1	19
	C	3	1	1	1	1	19	19	1	19	1	19	1
	B	3	1	1	1	1	19	1	19	1	19	1	19
	A	3	1	1	1	1	19	19	1	19	1	19	1

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
88922-X12LF	D	1	1	1	1	1	1	1	1	1	3	3	
	C	1	1	1	1	1	1	1	1	1	3	3	
	B	1	1	1	1	1	1	1	1	1	3	3	
	A	1	1	1	1	1	1	1	1	1	3	3	

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
88922-X13LF	D	20	-	7	7	7	7	7	7	7	7	-	20
	C	20	-	7	7	7	7	7	7	7	7	-	20
	B	20	-	7	7	7	7	7	7	7	7	-	20
	A	20	-	7	7	7	7	7	7	7	7	-	20

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
88922-X14LF	D	19	3	3	3	3	3	3	3	3	3	3	19
	C	19	3	3	3	3	3	3	3	3	3	3	19
	B	19	3	3	3	3	3	3	3	3	3	3	19
	A	19	3	3	3	3	3	3	3	3	3	3	19

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
88922-X15LF	D	7	5	5	5	5	5	5	5	5	5	5	7
	C	7	5	5	5	5	5	5	5	5	5	5	7
	B	7	5	5	5	5	5	5	5	5	5	5	7
	A	7	5	5	5	5	5	5	5	5	5	5	7

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
88922-X16LF	D	-	2	-	2	-	2	-	2	-	2	-	2
	C	-	-	-	-	-	-	-	-	-	-	-	-
	B	-	-	-	-	-	-	-	-	-	-	-	-
	A	-	2	-	2	-	2	-	2	-	2	-	2

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
88922-X17LF	D	-	6	-	6	-	6	-	6	-	6	-	6
	C	-	-	-	-	-	-	-	-	-	-	-	-
	B	-	-	-	-	-	-	-	-	-	-	-	-
	A	-	6	-	6	-	6	-	6	-	6	-	6

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
88922-X18LF	D	1	1	1	4	1	1	3	3	4	4	-	4
	C	1	1	1	4	1	1	3	3	4	4	-	4
	B	1	1	1	4	1	1	3	3	4	4	-	4
	A	1	1	1	4	1	1	3	3	4	4	-	4

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
88922-X19LF	D	1	2	2	2	2	2	2	2	2	2	4	4
	C	1	2	2	2	2	2	2	2	2	2	4	4
	B	1	2	2	2	2	2	2	2	2	2	4	4
	A	1	2	2	2	2	2	2	2	2	2	4	4

A

B

C

D

2

2

3

3

4

4

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
88922-X21LF	D	20	-	7	-	7	-	7	-	7	-
	C	20	-	7	-	7	-	7	-	7	-
	B	20	-	7	-	7	-	7	-	7	-
	A	20	-	7	-	7	-	7	-	7	-

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
88922-X22LF	D	2	2	2	6	6	6	6	6	2	2
	C	2	2	2	6	6	6	6	6	2	2
	B	2	2	2	6	6	6	6	6	2	2
	A	2	2	2	6	6	6	6	6	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
88922-X23LF	D	19	3	3	3	3	3	19	3	3	3
	C	19	3	3	3	3	3	19	3	3	3
	B	19	3	3	3	3	3	19	3	3	3
	A	19	3	3	3	3	3	19	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
88922-X24LF	D	7	-	7	-	7	-	7	-	7	-
	C	-	7	-	7	-	7	-	7	-	7
	B	7	-	7	-	7	-	7	-	7	-
	A	-	7	-	7	-	7	-	7	-	7

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
88922-X25LF	D	3	3	3	3	3	3	-	3	3	-
	C	3	3	3	3	3	3	-	3	3	-
	B	3	3	3	3	3	3	-	3	3	-
	A	3	3	3	3	3	3	-	3	3	-

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
88922-X26LF	D	19	3	3	3	3	3	19	3	3	3
	C	19	3	3	3	3	3	19	3	3	3
	B	19	3	3	3	3	3	19	3	3	3
	A	19	3	3	3	3	3	19	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
88922-X27LF	D	3	-	3	-	3	-	3	-	3	-
	C	-	3	-	3	-	3	-	3	-	3
	B	3	-	3	-	3	-	3	-	3	-
	A	-	3	-	3	-	3	-	3	-	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
88922-X28LF	D	19	-	3	-	3	-	3	-	3	-
	C	19	-	3	-	3	-	3	-	3	-
	B	19	-	3	-	3	-	3	-	3	-
	A	19	-	3	-	3	-	3	-	3	-

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
88922-X29LF	D	-	7	-	7	-	7	-	7	-	7
	C	7	-	7	-	7	-	7	-	7	-
	B	-	7	-	7	-	7	-	7	-	7
	A	7	-	7	-	7	-	7	-	7	-

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
88922-X30LF	D	-	17	-	17	-	17	-	17	-	17
	C	17	-	17	-	17	-	17	-	17	-
	B	-	17	-	17	-	17	-	17	-	17
	A	17	-	17	-	17	-	17	-	17	-

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
88922-X31LF	D	3	3	2	3	3	2	4	4	2	2
	C	3	3	2	3	3	2	4	4	2	2
	B	3	3	2	3	3	2	4	4	2	2
	A	3	3	2	3	3	2	4	4	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
88922-X32LF	D	-	-	6	6	-	20	6	6	6	6
	C	6	6	6	6	6	6	6	6	6	6
	B	6	6	6	6	6	6	6	6	6	6
	A	-	-	-	-	-	8	8	8	8	20

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
88922-X33LF	D	-	-	64	64	-	52	64	64	64	64
	C	64	64	64	64	64	64	64	64	64	64
	B	64	64	64	64	64	64	64	64	64	64
	A	-	-	-	-	-	69	69	69	69	52

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
88922-X34LF	D	7	6	6	6	6	6	6	6	6	5
	C	7	6	6	6	6	6	6	6	6	5
	B	7	6	6	6	6	6	6	6	6	5
	A	7	6	6	6	6	6	6	6	6	5

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
88922-X35LF	D	2	2	2	2	2	2	2	2	2	2
	C	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2	2	2	2
	A	4	4	4	4	19	19	4	4	4	19

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
88922-X36LF	D	7	7	7	7	6	7	6	7	6	7
	C	7	7	7	7	7	7	7	7	7	7
	B	7	7	7	7	7	7	7	7	7	7
	A	7	7	7	7	7	7	7	7	7	7

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
88922-X37LF	D	3	3	3	3	3	3	3	3	3	3
	C	3	3	3	3	3	3	3	3	3	3
	B	3	3	3	3	3	3	3	3	3	3
	A	3	3	3	3	3	3	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
88922-X38LF	D	3	3	19	3	3	3	3	3	3	3
	C	3	3	19	3	3	3	3	3	3	3
	B	3	3	3	3	3	3	3	3	3	3
	A	3	3	3	3	3	3	3	3	3	3

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	2021/07/13	chr	-	ecn no	ELX-I-41566-1	rel level	Released
surface	3.200	appr	Kuriakose, San	2021/08/25	product family	METRAL	dwg no	88922	rev	AX
linear	0.X ±0.3 0.XX ±0.13 0.XXX ±0.050	Amphenol FCi	title	METRAL SIGNAL HEADER	cat. no.	-	Product - Customer Drw	sheet 4 of 4		
angular	0° ±2°	amphenol-icc.com								