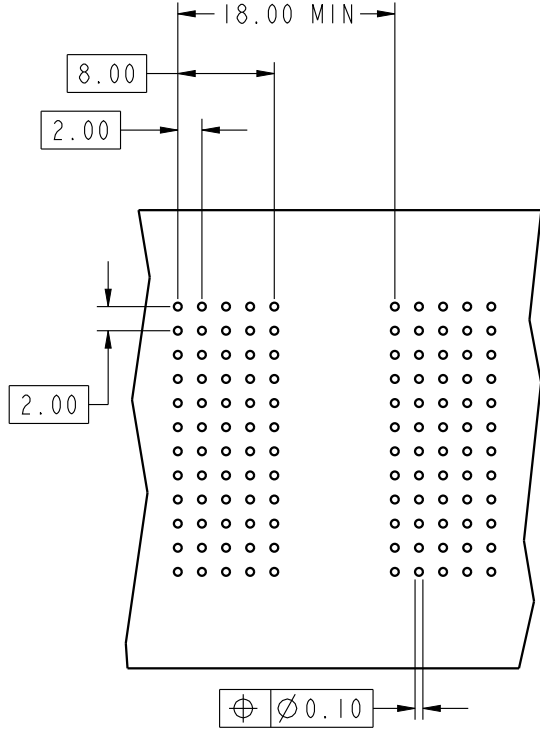


spec ref *		dr Terran Huang		2010/07/09		projection		size A4		scale 11:10	
tolerance std ISO 406 ISO 1101		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng Rahul Mohan-M		2021/06/17		MM		ecn no ELX-I-41241-1	
surface 3.200		linear		chr -		-		← →		rel level Released	
ISO 1302		angular		appr Kuriakose, San		2021/08/13		product family METRAL		rev	
		0.X ±0.3		Amphenol FCi		METRAL SIGNAL HEADER		dwg no 88902		rev AG	
		0.XX ±0.13									
		0.XXX ±0.051									
		0° ±2°		amphenol-icc.com		cat. no. -		Product - Customer Drw		sheet 1 of 5	

Creo F-114-ELX-NC-AG, 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
19	8.00	4.30
20	8.00	13.60
39	8.00	14.10
54	5.00	11.55
55	5.75	11.55
57	7.25	11.55

spec ref *		dr	Terran Huang	2010/07/09	projection 	MM 	size	A4	scale	8:5									
tolerance std		eng	Rahul Mohan-M	2021/06/17			ecn no	ELX-I-41241-1											
ISO 406 ISO 1101		chr	-	-			rel level	Released											
TOLERANCES UNLESS OTHERWISE SPECIFIED		appr	Kuriakose, San	2021/08/13	product family		METRAL		rev										
surface	3.200	Amphenol FCi amphenol-icc.com			title			METRAL SIGNAL HEADER 1 MOD, 5 ROW PRESS-FIT		dwg no		88902		rev		AG			
ISO 1302	linear																	0.X	±0.3
																		0.XX	±0.13
	angular	0°	±2°																
cat. no.		-		Product - Customer Drw				sheet 2 of 5											

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
88902-X01LF.	E	2	2	2	2	19	19
	D	2	2	2	2	19	19
	C	2	1	2	3	2	2
	B	2	2	2	2	19	19
	A	2	2	2	2	19	19

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
88902-X05LF	E	3	3	2	4	4	19
	D	3	3	2	4	4	19
	C	3	3	2	4	4	19
	B	3	3	2	4	4	19
	A	3	3	2	4	4	19

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
88902-X09LF.	E	39	39	39	39	39	39
	D	39	39	39	39	39	39
	C	39	39	39	39	39	39
	B	39	39	39	39	39	39
	A	39	39	39	39	39	39

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
88902-X13LF.	E	2	-	2	-	2	-
	D	-	2	-	2	-	2
	C	2	-	2	-	2	-
	B	-	2	-	2	-	2
	A	2	-	2	-	2	-

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
88902-X17LF.	E	4	-	2	-	2	-
	D	-	2	-	2	-	2
	C	2	-	4	-	4	-
	B	-	2	-	1	-	2
	A	2	-	1	-	2	-

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
88902-X02LF.	E	6	6	6	6	20	20
	D	6	6	6	6	20	20
	C	6	5	6	7	6	6
	B	6	6	6	6	20	20
	A	6	6	6	6	20	20

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
88902-X06LF.	E	2	2	2	4	2	2
	D	2	2	2	4	2	2
	C	2	2	2	4	2	2
	B	2	2	2	4	2	2
	A	2	2	2	4	2	2

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
88902-X10LF.	E	4	2	2	2	2	2
	D	4	2	2	2	2	2
	C	4	2	2	2	1	4
	B	4	2	2	2	2	2
	A	4	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
88902-X14LF.	E	2	2	2	2	2	2
	D	2	2	2	2	2	2
	C	19	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. I					
		1	2	3	4	5	6
88902-X18LF.	E	2	-	2	-	2	-
	D	-	2	-	2	-	2
	C	2	-	4	-	4	-
	B	-	2	-	2	-	2
	A	2	-	2	-	2	-

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
88902-X03LF.	E	5	3	3	3	3	3
	D	5	3	3	3	3	3
	C	5	3	3	3	3	3
	B	5	3	3	3	3	3
	A	5	3	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
88902-X07LF.	E	57	55	55	55	55	55
	D	57	55	55	55	55	55
	C	57	55	55	55	55	55
	B	57	55	55	55	55	55
	A	57	55	55	55	54	57

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
88902-X11LF.	E	2	2	2	1	2	1
	D	2	2	2	2	2	2
	C	2	2	2	1	2	1
	B	2	2	2	2	2	2
	A	2	2	2	1	2	1

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
88902-X15LF.	E	2	2	2	2	2	2
	D	2	2	2	2	2	2
	C	3	2	4	2	2	4
	B	2	2	2	2	2	2
	A	2	4	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
88902-X19LF	E	6	6	6	6	6	6
	D	6	6	6	6	6	6
	C	8	6	6	6	6	6
	B	6	6	6	6	20	20
	A	5	6	6	6	20	20

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
88902-X04LF.	E	7	6	6	6	6	6
	D	7	6	6	6	6	6
	C	7	6	6	6	6	6
	B	7	6	6	6	6	6
	A	7	6	6	6	6	6

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
88902-X08LF.	E	3	2	2	2	2	2
	D	3	2	2	2	2	2
	C	3	2	2	2	2	2
	B	3	2	2	2	2	2
	A	3	1	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
88902-X12LF.	E	6	6	6	5	6	5
	D	6	6	6	6	6	6
	C	6	6	6	5	6	5
	B	6	6	6	6	6	6
	A	6	6	6	5	6	5

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
88902-X16LF.	E	2	2	2	2	3	2
	D	2	2	2	2	2	2
	C	3	2	4	2	2	4
	B	2	2	2	2	2	2
	A	2	4	2	2	2	3

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
88902-X20LF.	E	6	6	6	6	6	6
	D	6	6	6	6	6	6
	C	6	6	6	6	6	8
	B	20	20	6	6	6	6
	A	20	20	6	6	6	6

spec ref	*	dr	Terran Huang	2010/07/09	projection	MM	size	A4	scale	1:10
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Rahul Mohan-M	2021/06/17			ecn no	ELX-I-41241-1	rel level	Released
ISO 406		chr	-	-						
ISO 1101		appr	Kuriakose, San	2021/08/13	product family	METRAL				
ISO 1302	linear	0.X	±0.3	Amphenol FCI	title	METRAL SIGNAL HEADER	dwg no	88902	rev	AG
	angular	0°	±2°	amphenol-icc.com	cat. no.	* Product - Customer Drw			sheet 3 of 5	

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
88902-X21LF.	E	2	2	2	2	2	2
	D	2	2	2	2	2	2
	C	2	2	2	2	2	2
	B	2	19	2	19	2	2
	A	2	19	2	19	2	2

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
88902-X25LF.	E	2	2	2	2	2	19
	D	2	2	2	2	2	19
	C	2	2	2	2	2	19
	B	2	2	2	2	2	19
	A	2	2	2	2	2	19

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
88902-X29LF.	E	2	2	2	2	2	2
	D	2	2	2	2	2	2
	C	2	2	2	2	2	2
	B	2	2	1	2	2	2
	A	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
88902-X33LF.	E	4	4	4	2	2	2
	D	2	2	2	2	2	2
	C	2	2	2	2	2	2
	B	4	4	4	2	2	2
	A	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
88902-X22LF.	E	2	2	2	2	2	2
	D	2	2	2	2	2	2
	C	4	2	2	2	2	2
	B	2	2	2	2	19	19
	A	1	2	2	2	19	19

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
88902-X26LF	E	1	2	2	2	2	1
	D	2	2	2	2	2	2
	C	2	2	2	2	2	2
	B	2	2	2	2	2	2
	A	1	2	2	2	2	1

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
88902-X30LF.	E	2	2	2	1	2	4
	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. I					
		1	2	3	4	5	6
88902-X23LF.	E	2	2	2	2	2	2
	D	2	2	2	2	2	2
	C	19	2	2	2	2	2
	B	1	2	2	2	2	2
	A	19	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
88902-X27LF.	E	5	5	5	1	1	1
	D	5	5	5	1	1	1
	C	5	5	5	1	1	1
	B	5	5	5	1	1	1
	A	5	5	5	1	1	1

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
88902-X31LF.	E	4	2	3	3	2	4
	D	4	2	3	3	2	4
	C	4	2	3	3	2	4
	B	4	2	3	3	2	4
	A	4	2	3	3	2	4


METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
88902-X24LF.	E	2	2	2	2	2	2
	D	2	2	2	2	2	2
	C	2	2	2	2	2	4
	B	19	19	2	2	2	2
	A	19	19	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
88902-X28LF.	E	19	2	19	2	2	1
	D	2	19	2	19	19	2
	C	19	2	19	2	2	19
	B	2	19	2	19	19	2
	A	19	2	19	2	2	19

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
88902-X32LF.	E	2	2	2	2	2	1
	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

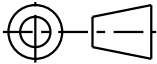

spec ref	*	dr	Terran Huang	2010/07/09			size	A4	scale	1:10	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Rahul Mohan-M	2021/06/17			ecn no	ELX-I-41241-1			
ISO 406 ISO 1101		chr	-	-			rel level	Released			
surface	<input checked="" type="checkbox"/> linear <input type="checkbox"/> angular	appr	Kuriakose, San	2021/08/13	product family	METRAL					
ISO 1302		<table border="1"> <tr> <td>0.X</td><td>±0.3</td> </tr> <tr> <td>0.XX</td><td>±0.13</td> </tr> <tr> <td>0.XXX</td><td>±0.051</td> </tr> </table>	0.X	±0.3	0.XX	±0.13	0.XXX	±0.051			
0.X	±0.3										
0.XX	±0.13										
0.XXX	±0.051										
		amphenol-icc.com	cat. no.	*	Product - Customer Drw	sheet 4 of 5					

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, A SUFFIX "P" WILL BE ADDED TO THE END OF THE PART NUMBER.
EXAMPLE: XXXXX-XXXPLF
5. PRODUCT SPECIFICATION: GS-12-180.
6. APPLICATION SPECIFICATION: BUS-20-073.
7. AFTER INSERTION INTO CIRCUIT BOARD WITH QUALIFIED TOOL.
8. THE PRODUCT MEET THE EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS AS DESCRIBED
IN GS-47-0004.
9. 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.
10. A  SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE
DRAWING CURRENT REVISION.

Amphenol
FCi

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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	2021/06/17			ecn no	ELX-I-41241-1				
		chr	-	-			rel level	Released				
surface	3.200	appr	Kuriakose, San	2021/08/13	product family	METRAL						
ISO 1302	linear	angular	0.X	±0.3	Amphenol FCi	title	METRAL SIGNAL HEADER		dwg no	88902	rev	AG
			0.XX	±0.13			1 MOD, 5 ROW PRESS-FIT					
			0.XXX	±0.051			cat. no.	-				
ISO 1302	0°	±2°	amphenol-icc.com									