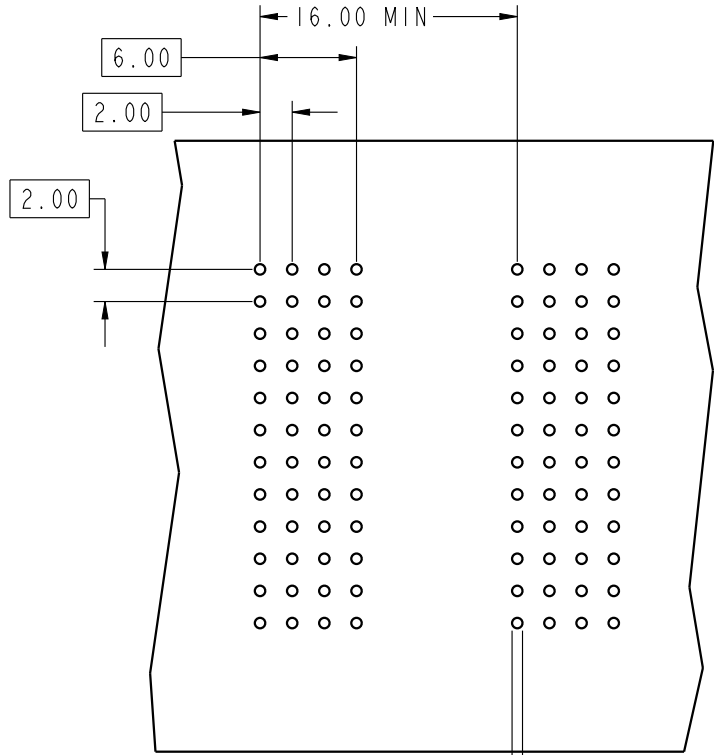
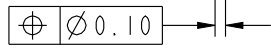


spec ref		dr <b>Terran Huang</b>		2010/07/09		projection 	MM ←→	size	A4	scale	21:10	
tolerance std		eng <b>Rahul Mohan-M</b>		2021/08/16				ecn no	ELX-I-41699-1			
ISO 406 ISO 1101		chr -		-				rel level	Released			
TOLERANCES UNLESS OTHERWISE SPECIFIED		appr <b>Kuriakose, San</b>		2021/08/16		product family		METRAL				
surface	linear	0.X	±0.3	<b>Amphenol FCi</b>	title		dwg no	70298		rev		
		0.XX	±0.13		METRAL SIGNAL HEADER					CF		
		0.XXX	±0.050		2 MOD, 4 ROW PRESS-FIT							
ISO 1302	angular	0°	±2°	amphenol-icc.com	cat. no.	*	Product - Customer Drw		sheet 1 of 10			

Creo F-114-ELX-MC-AAC, REV F, 2020-12-21



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



**REQUIRED PC BOARD LAYOUT  
COMPONENT SIDE**

**SEE PRINT 58351 FOR  
ADDITIONAL PCB INFORMATION**

**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 CIRCUIT BOARD WITH QUALIFIED TOOL.
- THE PRODUCTS MEET THE EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-147-0004.
- 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.

spec ref		dr <b>Terran Huang</b>		2010/07/09		projection 	MM 	size	A4		scale	1:10			
tolerance std		eng <b>Rahul Mohan-M</b>		2021/08/16				ecn no	ELX-I-41699-1						
ISO 406 ISO 1101		chr -		-					rel level <b>Released</b>						
surface		appr <b>Kuriakose, San</b>		2021/08/16		product family		METRAL							
linear		0.X	±0.3		<b>Amphenol FCi</b>	title		METRAL SIGNAL HEADER				dwg no	70298		rev <b>CF</b>
angular		0°	±2°			2 MOD, 4 ROW PRESS-FIT		cat. no.		* Product - Customer Drw			sheet 2 of 10		
ISO 1302		amphenol-icc.com		cat. no.		* Product - Customer Drw		sheet 2 of 10							

Creo F-114-ELX-NC-AAC, REV F, 2020-12-21

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
70298-X01LF	D	1	2	2	2	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	4	4	4	4	4	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
70298-X02LF	D	-	1	1	1	-	1	-	1	-	1	-	1
	C	1	-	1	-	1	-	1	-	1	-	1	-
	B	-	1	1	1	-	1	-	1	-	1	-	1
	A	3	-	3	-	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
70298-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
70298-X04LF	D	-	-	-	-	-	-	-	-	-	-	-	-
	C	1	1	1	1	1	1	2	1	1	1	1	
	B	1	1	1	1	1	1	2	1	1	1	1	
	A	1	1	1	1	1	1	2	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
70298-X05LF	D	3	3	3	3	3	3	3	3	3	3	3	3
	C	3	3	3	3	3	1	3	3	3	3	3	
	B	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

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
70298-X06LF	D	1	2	2	2	2	1	1	2	2	2	2	1
	C	2	2	2	2	2	2	2	2	2	2	2	
	B	2	2	2	2	2	2	2	2	2	2	2	
	A	2	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
70298-X07LF	D	2	2	2	2	2	2	2	4	2	2	2	2
	C	2	2	2	2	2	2	2	2	2	2	2	
	B	2	2	2	2	2	2	2	2	2	2	2	
	A	2	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
70298-X08LF	D	2	2	2	2	2	2	2	2	2	1	2	2
	C	2	2	2	2	2	2	2	2	2	1	2	2
	B	2	2	2	2	2	2	2	2	2	1	2	2
	A	2	2	2	2	2	2	2	2	2	1	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
70298-X09LF	D	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
	B	2	2	2	2	2	2	2	2	2	2	2	2
	A	2	2	2	2	2	2	2	2	2	4	4	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
70298-X10LF	D	2	2	2	2	2	2	2	2	4	2	2	2
	C	2	2	2	2	2	2	2	2	4	2	2	2
	B	2	2	2	2	2	2	2	2	4	2	2	2
	A	2	2	2	2	2	2	2	2	4	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
70298-X11LF	D	4	2	2	2	2	2	2	2	2	2	2	2
	C	2	2	2	2	2	2	2	2	2	2	2	
	B	2	2	2	2	2	2	2	2	2	2	2	
	A	2	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
70298-X12LF	D	1	1	1	1	1	4	1	4	3	1	1	1
	C	1	1	1	4	1	1	1	4	3	3	1	1
	B	1	4	1	1	1	1	1	4	3	3	1	1
	A	1	1	1	1	1	4	1	4	1	4	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
70298-X13LF	D	1	4	1	1	1	1	4	1	1	1	1	4
	C	1	1	1	1	4	1	1	1	1	4	1	1
	B	1	1	4	1	1	1	1	4	1	1	1	1
	A	1	1	1	1	1	4	1	1	1	1	1	4

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
70298-X14LF	D	1	1	1	1	1	3	3	1	3	1	1	1
	C	1	1	1	1	1	3	3	1	3	1	1	1
	B	1	1	1	1	1	1	1	1	1	1	1	1
	A	4	4	4	4	4	4	4	4	4	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
70298-X15LF	D	1	1	1	1	1	4	1	4	3	4	1	1
	C	1	1	1	4	1	1	1	4	3	3	1	1
	B	1	4	1	1	1	1	1	4	3	3	1	1
	A	1	1	1	1	1	4	1	4	3	4	3	3

spec ref	dr	Terran Huang	2010/07/09	projection 	MM ←————→	size	A4	scale	1:10	
tolerance std	eng	Rahul Mohan-M	2021/08/16			ecn no	ELX-I-41699-1			
ISO 406 ISO 1101	chr	-	-			rel level	Released			
TOLERANCES UNLESS OTHERWISE SPECIFIED		appr	Kuriakose, San	2021/08/16	product family	METRAL	rev			
surface	linear	0.X	±0.3	<b>Amphenol FCI</b>	METRAL SIGNAL HEADER	dwg no	70298	cat. no.	* Product - Customer Drw	
ISO 1302	angular	0.XX	±0.13							sheet 3 of 10
		0.XXX	±0.050							
	angular	0°	±2°	amphenol-icc.com						

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
70298-X16LF	D	1	4	1	1	1	1	4	1	1	1	1	4
	C	1	1	1	1	4	1	1	1	1	4	1	1
	B	1	1	4	1	1	1	1	4	1	1	1	1
	A	4	4	1	1	1	4	1	1	1	1	1	4

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
70298-X17LF	D	4	4	3	2	2	2	2	2	2	2	2	2
	C	1	4	3	2	2	2	2	2	2	2	2	2
	B	4	3	3	2	2	2	2	2	2	2	2	2
	A	4	3	3	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
70298-X18LF	D	19	3	3	3	3	3	7	7	7	7	7	7
	C	19	3	3	3	3	3	7	7	7	7	7	7
	B	19	3	3	3	3	3	7	7	7	7	7	7
	A	19	3	3	3	3	3	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	11	12
70298-X19LF	D	2	2	2	2	2	2	-	-	-	2	2	2
	C	2	2	2	2	2	2	-	-	-	2	2	2
	B	2	2	2	2	2	2	-	-	-	2	2	2
	A	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
70298-X20LF	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
70298-X21LF	D	1	1	1	1	1	1	1	1	1	1	1	19
	C	1	1	1	1	1	1	1	1	1	1	1	19
	B	1	1	1	1	1	1	1	1	1	1	1	19
	A	1	1	4	1	1	1	1	1	1	1	1	4

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
70298-X22LF	D	1	1	1	1	1	1	1	1	1	3	1	1
	C	1	1	1	1	1	1	1	1	1	3	1	1
	B	1	1	1	1	1	1	1	1	1	3	1	1
	A	1	1	1	1	1	1	1	1	1	3	1	1

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
70298-X23LF	D	2	3	2	2	2	2	1	1	1	3	1	1
	C	2	3	2	2	2	2	1	1	1	3	1	1
	B	2	3	2	2	2	2	1	1	1	3	1	1
	A	2	3	2	2	2	2	1	1	1	3	1	1

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
70298-X24LF	D	1	1	1	1	1	1	1	1	1	2	2	2
	C	2	1	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	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
70298-X25LF	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
70298-X26LF	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
70298-X27LF	D	3	3	-	3	3	-	3	3	-	3	3	-
	C	3	3	-	3	3	-	3	3	-	3	3	-
	B	-	-	-	-	-	-	-	-	-	-	-	-
	A	3	3	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	11	12
70298-X28LF	D	1	2	2	2	2	3	1	3	2	2	2	1
	C	1	2	2	2	2	3	1	3	2	2	2	1
	B	1	2	2	2	2	3	1	3	2	2	2	1
	A	1	2	2	2	2	3	1	3	2	2	2	1

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
70298-X29LF	D	2	3	2	2	2	3	2	2	2	3	3	3
	C	2	3	2	2	2	3	2	2	2	3	3	3
	B	2	3	2	2	2	3	2	2	2	3	3	3
	A	2	3	2	2	2	3	2	2	2	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
70298-X30LF	D	2	2	3	2	3	2	2	2	2	3	3	3
	C	2	2	3	2	3	2	2	2	2	3	3	3
	B	2	2	3	2	3	2	2	2	2	3	3	3
	A	2	2	3	2	3	2	2	2	2	3	3	3

spec ref		dr	Terran Huang	2010/07/09			size	A4	scale	1:10
tolerance std		eng	Rahul Mohan-M	2021/08/16			ecn no	ELX-I-41699-1		
ISO 406 ISO 1101		chr	-	-			rel level	Released		
TOLERANCES UNLESS OTHERWISE SPECIFIED		appr	Kuriakose, San	2021/08/16	product family		METRAL			
surface	<input checked="" type="checkbox"/> linear <input type="checkbox"/> angular	0.X	±0.3			METRAL SIGNAL HEADER 2 MOD, 4 ROW PRESS-FIT	dwg no	70298	rev	CF
		0.XX	±0.13							
		0.XXX	±0.050							
ISO 1302	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						
		1	2	3	4	5	6	7	8	9	10	11	12
70298-X31LF	D	2	2	3	2	3	3	2	2	2	3	3	3
	C	2	2	3	2	3	3	2	2	2	3	3	3
	B	2	2	3	2	3	3	2	2	2	3	3	3
	A	2	2	3	2	3	3	2	2	2	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
70298-X36LF	D	3	3	3	-	3	-	3	-	3	-	3	-
	C	3	3	3	-	3	-	3	-	3	-	3	-
	B	3	3	3	-	3	-	3	-	3	-	3	-
	A	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	11	12
70298-X41LF	D	2	1	1	1	1	1	1	1	1	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	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
70298-X32LF	D	2	2	2	1	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	2	2	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
70298-X37LF	D	3	3	3	3	3	3	3	3	3	3	3	3
	C	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
	A	3	3	3	3	3	3	2	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	11	12
70298-X42LF	D	3	3	3	3	3	3	3	3	4	4	4	4
	C	3	3	3	3	3	3	3	3	4	4	4	4
	B	3	3	3	3	3	3	3	3	4	4	4	4
	A	3	3	3	3	3	3	3	3	4	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
70298-X33LF	D	3	3	3	3	3	3	3	3	3	3	3	3
	C	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
	A	3	4	4	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	11	12
70298-X38LF	D	2	3	3	3	3	3	3	3	3	3	3	3
	C	4	3	3	3	3	3	3	3	3	3	3	3
	B	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

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
70298-X43LF	D	1	1	1	3	3	3	3	1	1	1	1	1
	C	1	1	1	3	3	3	3	1	1	1	1	1
	B	1	1	1	3	3	3	3	1	1	1	1	1
	A	1	1	1	3	3	3	3	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
70298-X34LF	D	1	9	3	3	3	3	3	3	3	2	1	1
	C	1	9	3	3	3	3	3	3	3	2	1	1
	B	1	9	3	3	3	3	3	3	3	2	1	1
	A	1	9	3	3	3	3	3	3	3	2	1	1

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
70298-X39LF	D	7	7	7	7	7	7	7	7	7	7	7	7
	C	7	7	7	7	7	7	7	7	7	7	7	7
	B	7	7	7	7	7	7	7	7	7	7	7	7
	A	7	8	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	11	12
70298-X44LF	D	2	2	2	1	1	3	1	1	1	1	1	1
	C	2	2	2	1	1	3	1	1	1	1	1	1
	B	2	2	2	1	1	3	1	1	1	1	1	1
	A	2	2	2	1	1	3	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
70298-X35LF	D	1	9	3	3	3	3	3	3	3	3	3	3
	C	1	9	3	3	3	3	3	3	3	3	3	3
	B	1	9	3	3	3	3	3	3	3	3	3	3
	A	1	9	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	11	12
70298-X40LF	D	3	3	3	3	3	3	3	3	3	3	3	3
	C	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
	A	3	3	3	4	4	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	11	12
70298-X45LF	D	2	2	1	1	1	1	1	1	1	1	1	2
	C	2	2	1	1	1	1	1	1	1	1	1	2
	B	2	2	1	1	1	1	1	1	1	1	1	2
	A	2	2	1	1	1	1	1	1	1	1	1	2

spec ref		dr	Terran Huang	2010/07/09		MM	size	A4	scale	1:10	
tolerance std		eng	Rahul Mohan-M	2021/08/16				ecn no	ELX-I-41699-1		
ISO 406 ISO 1101		chr	-	-				rel level	Released		
TOLERANCES UNLESS OTHERWISE SPECIFIED		appr	Kuriakose, San	2021/08/16	product family		METRAL	rev			
surface <input checked="" type="checkbox"/> linear <input type="checkbox"/> angular		0.X		±0.3	<b>Amphenol FCI</b>		METRAL SIGNAL HEADER 2 MOD, 4 ROW PRESS-FIT		70298		<b>CF</b>
		0.XX		±0.13							
ISO 1302		0.XXX		±0.050	amphenol-icc.com		cat. no.	Product - Customer Drw		sheet 5 of 10	

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
70298-X46LF	D	3	2	2	3	1	2	3	2	2	3	1	3
	C	3	2	2	3	1	2	3	2	2	3	1	3
	B	3	2	2	3	1	2	3	2	2	3	1	3
	A	3	2	2	3	1	2	3	2	2	3	1	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
70298-X51LF	D	1	1	2	2	2	2	2	1	1	3	2	2
	C	1	1	2	2	2	2	2	1	1	3	2	2
	B	1	1	2	2	2	2	2	1	1	3	2	2
	A	1	1	2	2	2	2	2	1	1	3	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
70298-X56LF	D	6	7	6	6	6	6	6	6	6	6	6	7
	C	6	7	6	6	6	6	6	6	6	6	6	7
	B	6	7	6	6	6	6	6	6	6	6	6	7
	A	6	7	6	6	6	6	6	6	6	6	6	7

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
70298-X47LF	D	2	2	3	1	1	3	2	1	2	3	3	3
	C	2	2	3	1	1	3	2	1	2	3	3	3
	B	2	2	3	1	1	3	2	1	2	3	3	3
	A	2	2	3	1	1	3	2	1	2	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
70298-X52LF	D	2	2	3	2	2	2	2	1	1	2	2	2
	C	2	2	3	2	2	2	2	1	1	2	2	2
	B	2	2	3	2	2	2	2	1	1	2	2	2
	A	2	2	3	2	2	2	2	1	1	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
70298-X57LF	D	3	2	2	3	3	3	3	3	3	3	3	3
	C	3	2	2	3	3	3	3	3	3	3	3	3
	B	3	2	2	3	3	3	3	3	3	3	3	3
	A	3	2	2	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	11	12
70298-X48LF	D	2	2	3	2	2	2	3	2	2	3	2	3
	C	2	2	3	2	2	2	3	2	2	3	2	3
	B	2	2	3	2	2	2	3	2	2	3	2	3
	A	2	2	3	2	2	2	3	2	2	3	2	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
70298-X53LF	D	2	2	2	2	2	2	2	2	3	2	2	2
	C	2	2	2	2	2	2	2	2	3	2	2	2
	B	2	2	2	2	2	2	2	2	3	2	2	2
	A	2	2	2	2	2	2	2	2	3	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
70298-X58LF	D	3	3	3	3	3	3	3	2	2	3	3	3
	C	3	3	3	3	3	3	3	2	2	3	3	3
	B	3	3	3	3	3	3	3	2	2	3	3	3
	A	3	3	3	3	3	3	3	2	2	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
70298-X49LF	D	2	2	2	1	1	1	1	2	2	2	2	2
	C	2	2	2	1	1	1	1	2	2	2	2	2
	B	2	2	2	1	1	1	1	2	2	2	2	2
	A	2	2	2	1	1	1	1	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
70298-X54LF	D	2	2	3	2	3	2	3	2	1	1	2	2
	C	2	2	3	2	3	2	3	2	1	1	2	2
	B	2	2	3	2	3	2	3	2	1	1	2	2
	A	2	2	3	2	3	2	3	2	1	1	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
70298-X59LF	D	3	3	2	2	2	2	2	2	4	4	4	4
	C	3	3	2	2	2	2	2	2	4	4	4	4
	B	3	3	2	2	2	2	2	2	4	4	4	4
	A	3	3	2	2	2	2	2	2	4	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
70298-X50LF	D	2	2	3	2	2	2	2	1	1	1	2	2
	C	2	2	3	2	2	2	2	1	1	1	2	2
	B	2	2	3	2	2	2	2	1	1	1	2	2
	A	2	2	3	2	2	2	2	1	1	1	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
70298-X55LF	D	6	6	6	6	6	6	6	6	6	6	6	7
	C	6	6	6	6	6	6	6	6	6	6	6	7
	B	6	6	6	6	6	6	6	6	6	6	6	7
	A	6	6	6	6	6	6	6	6	6	6	6	7

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
70298-X60LF	D	4	4	4	4	4	4	4	4	4	3	3	3
	C	4	4	4	4	4	4	4	4	4	3	3	3
	B	4	4	4	4	4	4	4	4	4	3	3	3
	A	4	4	4	4	4	4	4	4	4	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	2021/08/16			ecn no	ELX-I-41699-1		
	chr	-	-			rel level	Released		
surface ISO 1302	appr	Kuriakose, San	2021/08/16	product family	METRAL				
	linear	0.X	±0.3	Amphenol FCI	METRAL SIGNAL HEADER	dwg no	70298	rev	CF
		0.XX	±0.13						
angular	0°	±2°	amphenol-icc.com	cat. no.	*	Product - Customer Drw	sheet 6 of 10		

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X61LF	D	8	3	4	3	3	4	3	3
	C	8	3	4	3	3	4	3	3
	B	8	3	4	3	3	4	3	3
	A	8	3	4	3	3	4	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X62LF	D	1	1	1	1	1	1	1	1
	C	1	1	1	1	1	1	1	1
	B	1	1	1	1	1	1	1	1
	A	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
70298-X63LF	D	1	1	1	1	1	1	1	3
	C	1	1	1	1	1	1	1	3
	B	1	1	1	1	1	1	1	3
	A	1	1	1	1	1	1	1	3

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X64LF	D	20	7	8	8	7	7	6	6
	C	20	7	8	8	7	7	6	6
	B	20	7	8	8	7	7	6	6
	A	20	7	8	8	7	7	6	6

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X65LF	D	20	8	7	6	6	6	6	6
	C	20	8	7	6	6	6	6	6
	B	20	8	7	6	6	6	6	6
	A	20	8	7	6	6	6	6	6

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X66LF	D	2	2	2	2	2	2	2	2
	C	2	2	1	1	2	2	2	2
	B	2	2	2	2	2	2	2	2
	A	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
70298-X67LF	D	3	3	3	3	3	4	4	4
	C	3	3	3	3	3	4	4	4
	B	3	3	3	3	3	4	4	4
	A	3	3	3	3	3	4	4	4

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X68LF	D	4	4	4	4	4	3	3	3
	C	4	4	4	4	4	3	3	3
	B	4	4	4	4	4	3	3	3
	A	4	4	4	4	4	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X69LF	D	3	2	2	2	2	2	3	3
	C	2	3	2	2	2	2	1	3
	B	2	3	2	2	2	2	2	3
	A	3	2	2	2	2	2	2	3

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X70LF	D	3	2	2	1	2	2	2	3
	C	3	2	2	2	2	2	2	3
	B	3	2	2	2	2	2	2	3
	A	3	2	2	2	2	2	2	3

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X71LF	D	2	2	2	1	1	1	1	2
	C	2	2	2	1	1	1	1	2
	B	2	2	2	1	1	1	1	2
	A	2	2	2	1	1	1	1	2

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X72LF	D	3	2	1	2	2	2	2	3
	C	3	2	2	2	2	2	3	2
	B	3	2	2	2	2	2	3	2
	A	3	2	2	2	2	2	3	2

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X73LF	D	2	2	2	2	2	2	2	2
	C	2	2	2	1	1	1	2	2
	B	2	2	2	1	1	1	2	2
	A	2	2	2	1	1	1	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X74LF	D	3	-	-	-	1	2	2	2
	C	3	-	-	-	2	2	2	2
	B	3	-	-	-	2	2	2	2
	A	3	-	-	-	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X75LF	D	3	-	-	-	2	2	2	2
	C	3	-	-	-	2	2	2	2
	B	3	-	-	-	2	2	2	2
	A	3	-	-	-	2	2	2	2

spec ref	dr	Terran Huang	2010/07/09	projection 	MM ←————→	size	A4	scale	1:10
tolerance std	eng	Rahul Mohan-M	2021/08/16			ecn no	ELX-I-41699-1		
ISO 406 ISO 1101	chr	-	-			rel level	Released		
TOLERANCES UNLESS OTHERWISE SPECIFIED		appr	Kuriakose, San	2021/08/16	product family	METRAL	rev		
surface	linear	0.X	±0.3	<b>Amphenol FCI</b>	METRAL SIGNAL HEADER			70298	CF
		0.XX	±0.13		2 MOD, 4 ROW PRESS-FIT				
		0.XXX	±0.050		cat. no. *				
ISO 1302	angular	0°	±2°	amphenol-icc.com	Product - Customer Drw			sheet 7 of 10	

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X76LF	D	2	2	2	2	2	2	2	-
	C	2	2	2	2	2	2	2	-
	B	2	2	2	2	2	2	2	-
	A	1	2	2	2	2	2	2	-

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X77LF	D	7	-	-	6	-	5	6	6
	C	7	-	-	6	-	6	6	6
	B	7	-	-	6	-	6	6	6
	A	7	-	-	6	-	6	6	6

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X78LF	D	6	6	6	6	6	6	6	6
	C	6	6	6	6	6	6	6	6
	B	6	6	6	6	6	6	6	6
	A	5	6	6	6	6	6	6	6

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X79LF	D	3	-	-	2	6	6	6	6
	C	3	-	-	2	6	6	6	6
	B	3	-	-	2	6	6	6	6
	A	3	-	-	2	6	6	6	6

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X80LF	D	6	6	6	6	6	6	6	-
	C	6	6	6	6	6	6	6	-
	B	6	6	6	6	6	6	6	-
	A	5	6	6	6	6	6	6	-

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X81LF	D	8	7	7	7	7	7	7	7
	C	8	7	7	7	7	7	7	7
	B	8	7	7	7	7	7	7	7
	A	8	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
70298-X82LF	D	2	2	3	3	3	2	2	4
	C	2	2	3	3	3	2	2	4
	B	2	2	3	3	3	2	2	4
	A	2	2	3	3	3	2	2	4

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X83LF	D	2	2	3	2	2	2	2	4
	C	2	2	2	2	2	2	2	4
	B	2	2	2	2	2	2	2	4
	A	2	2	2	2	2	2	2	4

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X84LF	D	2	2	2	2	2	3	3	2
	C	2	2	2	2	2	3	3	2
	B	2	2	2	2	2	3	3	2
	A	2	2	2	2	2	3	3	2

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X85LF	D	3	2	2	2	3	3	2	4
	C	3	2	2	2	3	3	2	4
	B	3	2	2	2	3	3	2	4
	A	3	2	2	2	3	3	2	4

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X86LF	D	3	3	2	2	2	2	2	3
	C	3	3	2	2	2	2	2	3
	B	3	3	2	2	2	2	2	3
	A	3	3	2	2	2	2	2	3

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X87LF	D	2	2	2	2	2	2	2	2
	C	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2	2
	A	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
70298-X88LF	D	20	7	7	7	7	7	20	7
	C	20	7	7	7	7	7	20	7
	B	20	7	7	7	7	7	20	7
	A	20	7	7	7	7	7	20	7

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X89LF	D	4	4	4	4	4	4	2	2
	C	4	4	4	4	4	4	2	2
	B	4	4	4	4	4	4	2	2
	A	19	19	19	19	19	19	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X90LF	D	2	2	2	2	2	2	3	3
	C	2	2	2	2	2	2	3	3
	B	2	2	2	2	2	2	3	3
	A	2	2	2	2	2	2	3	3

spec ref	dr	Terran Huang	2010/07/09			size	A4	scale	1:10
tolerance std	eng	Rahul Mohan-M	2021/08/16			ecn no	ELX-I-41699-1		
ISO 406 ISO 1101	chr	-	-			rel level	Released		
TOLERANCES UNLESS OTHERWISE SPECIFIED	appr	Kuriakose, San	2021/08/16			product family	METRAL		
surface	linear	0.X	±0.3		METRAL SIGNAL HEADER 2 MOD, 4 ROW PRESS-FIT	dwg no 70298	rev CF		
ISO 1302	0.XX	±0.13							
	angular	0°	±2°						
amphenol-icc.com	cat. no.	*	Product - Customer Drw	sheet 8 of 10					



METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
70298-X91LF	D	2	2	2	2	2	2	4	4	4	4	4	4
	C	2	2	2	2	2	2	4	4	4	4	4	4
	B	2	2	2	2	2	2	4	4	4	4	4	4
	A	2	2	2	2	2	2	19	19	19	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
70298-X92LF	D	4	4	4	4	4	4	3	3	3	3	3	3
	C	4	4	4	4	4	4	3	3	3	3	3	3
	B	4	4	4	4	4	4	3	3	3	3	2	2
	A	19	19	19	19	19	19	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	11	12
70298-X93LF	D	-	3	3	-	3	3	3	-	-	3	3	-
	C	3	-	3	-	3	3	3	-	3	-	3	-
	B	3	3	-	3	3	3	3	-	3	3	-	-
	A	-	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	11	12
70298-X94LF	D	2	2	2	1	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	2	2	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
70298-X95LF	D	1	1	1	1	1	1	3	3	3	3	1	1
	C	1	1	1	1	1	1	1	1	1	1	1	19
	B	1	1	1	1	1	1	1	1	1	1	1	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
70298-X96LF	D	5	5	5	5	5	5	5	5	20	5	5	20
	C	5	5	5	5	5	5	5	5	20	5	5	20
	B	5	5	5	5	5	5	5	5	20	5	5	20
	A	5	5	5	5	5	5	5	5	20	5	5	20

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
70298-X97LF	D	1	1	19	1	1	19	5	5	20	5	5	5
	C	1	1	19	1	1	19	5	5	20	5	5	5
	B	1	1	19	1	1	19	5	5	20	5	5	5
	A	1	1	19	1	1	19	5	5	20	5	5	5

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
70298-X98LF	D	1	1	19	1	1	19	1	1	19	1	1	1
	C	1	1	19	1	1	19	1	1	19	1	1	1
	B	1	1	19	1	1	19	1	1	19	1	1	1
	A	1	1	19	1	1	19	1	1	19	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
70298-X99LF	D	1	1	1	1	1	3	3	3	3	3	1	1
	C	1	1	1	1	1	1	1	1	1	1	19	
	B	1	1	1	1	1	1	1	1	1	1	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
70298-X100LF	D	1	5	1	1	1	1	1	1	20	5	5	20
	C	1	5	1	1	1	1	1	1	20	5	5	20
	B	5	5	1	1	1	1	1	1	20	5	5	20
	A	5	5	1	1	1	1	1	1	20	5	5	20

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
70298-X101LF	D	1	1	19	1	1	19	19	19	19	1	1	1
	C	1	1	19	1	1	19	19	19	19	1	1	1
	B	1	1	19	1	1	19	1	1	19	1	1	1
	A	1	1	19	1	1	19	1	1	19	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
70298-X102LF	D	2	2	2	2	2	2	2	1	2	2	2	19
	C	2	1	2	1	2	2	2	1	2	2	2	19
	B	2	2	2	2	2	2	2	2	2	2	2	19
	A	1	2	2	1	1	1	2	2	2	2	2	19

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
70298-X103LF	D	6	6	6	6	20	6	6	6	6	6	6	6
	C	6	6	6	5	20	6	6	6	6	6	6	6
	B	6	6	6	6	20	6	6	6	6	6	6	6
	A	6	6	6	6	20	6	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
70298-X104LF	D	2	2	2	2	2	19	2	3	2	1	2	19
	C	2	2	2	2	2	19	2	3	2	1	2	19
	B	2	2	2	2	2	19	2	3	2	1	2	19
	A	1	19	2	1	2	19	2	3	2	1	2	19

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
70298-X105LF	D	6	6	6	6	6	20	6	7	6	5	6	20
	C	6	6	6	6	6	20	6	7	6	5	6	20
	B	6	6	6	6	6	20	6	7	6	5	6	20
	A	5	20	6	5	6	20	6	7	6	5	6	20

spec ref	dr	Terran Huang	2010/07/09	projection 	MM ←→	size	A4	scale	1:10
tolerance std	eng	Rahul Mohan-M	2021/08/16			ecn no	ELX-I-41699-1		
ISO 406 ISO 1101	chr	-	-			rel level	Released		
TOLERANCES UNLESS OTHERWISE SPECIFIED		appr	Kuriakose, San	2021/08/16	product family	METRAL	rev		
surface	linear	0.X	±0.3	Amphenol FCI	METRAL SIGNAL HEADER	dwg no	70298	cat. no.	*
		0.XX	±0.13						
		0.XXX	±0.050						
ISO 1302	angular	0°	±2°	amphenol-icc.com	Product - Customer Drw	sheet 9 of 10	CF		

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
70298-X106LF	D	3	2	2	2	1	1	3	1	1	2	3	2
	C	3	2	2	2	1	1	3	1	1	2	3	2
	B	3	2	2	2	1	1	3	1	1	2	3	2
	A	3	2	2	2	1	1	3	1	1	2	3	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11
70298-X107LF	D	7	6	5	5	5	5	5	5	5	7	5
	C	7	6	5	5	5	5	5	5	5	7	5
	B	7	6	5	5	5	5	5	5	5	7	5
	A	7	6	5	5	5	5	5	5	5	7	5

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11
70298-X108LF	D	3	2	3	2	2	2	1	1	1	1	1
	C	3	2	3	2	2	2	1	1	1	1	1
	B	3	2	3	2	2	2	1	1	1	2	2
	A	3	2	3	2	2	2	1	1	1	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11
70298-X109LF	D	1	2	2	1	1	3	2	2	2	2	3
	C	1	2	2	1	1	3	2	2	2	2	3
	B	1	2	2	1	1	3	2	2	2	2	3
	A	1	2	2	1	1	3	2	2	2	2	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
70298-X110LF	D	1	1	1	1	1	2	2	1	1	2	2	3
	C	1	1	1	1	1	2	2	1	1	2	2	3
	B	1	1	1	1	1	2	2	1	1	2	2	3
	A	1	1	1	1	1	2	2	1	1	2	2	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
70298-X111LF	D	3	3	2	2	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	2	2	2	2	2	2	2	2	2	3	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
70298-X112LF	D	3	2	2	2	1	1	1	2	1	1	1	3
	C	3	2	2	2	2	2	1	1	1	1	3	
	B	3	2	2	2	1	2	2	1	1	1	1	3
	A	3	2	2	2	1	2	2	1	1	1	1	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
70298-X113LF	D	2	2	1	2	2	1	1	2	1	1	2	1
	C	2	2	1	2	2	1	1	2	1	1	2	1
	B	2	2	1	2	2	1	1	2	1	1	2	1
	A	2	2	1	2	2	1	1	2	1	1	2	1

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
70298-X114LF	D	2	2	2	3	1	1	2	2	2	2	2	3
	C	2	2	2	3	2	2	2	2	2	2	2	3
	B	2	2	2	3	2	2	2	2	2	2	2	3
	A	1	2	2	3	2	2	2	2	2	2	2	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
70298-X115LF	D	2	2	2	2	19	19	2	3	2	2	2	19
	C	2	2	2	2	19	19	2	3	2	2	19	
	B	2	2	2	2	19	19	2	3	2	2	19	
	A	2	2	2	2	19	19	2	3	2	2	19	

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
70298-X116LF	D	2	2	2	2	19	19	2	3	2	1	2	19
	C	2	2	2	2	19	19	2	3	2	1	2	19
	B	2	2	2	2	19	19	2	3	2	1	2	19
	A	2	2	2	2	19	19	2	3	2	1	2	19

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2							
		1	2	3	4	5	6	7	8	9	10	11	12	
70298-X117LF	D	6	6	6	6	6	20	20	6	7	6	6	6	20
	C	6	6	6	6	6	20	20	6	7	6	6	6	20
	B	6	6	6	6	6	20	20	6	7	6	6	6	20
	A	6	6	6	6	6	20	20	6	7	6	6	6	20

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
70298-X118LF	D	2	2	2	2	2	2	2	2	2	2	2	1
	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	2	2	2	2	2	2	1

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
70298-X119LF	D	3	2	2	2	2	2	2	2	2	2	2	2
	C	3	2	2	2	2	2	2	2	2	2	2	2
	B	3	2	2	2	2	2	2	2	2	2	2	2
	A	3	2	2	2	2	2	2	2	2	2	1	2

spec ref	dr	Terran Huang	2010/07/09	projection		size	A4	scale	1:10
tolerance std	eng	Rahul Mohan-M	2021/08/16			ecn no	ELX-I-41699-1		
ISO 406 ISO 1101	chr	-	-			rel level	Released		
TOLERANCES UNLESS OTHERWISE SPECIFIED		appr	Kuriakose, San	2021/08/16	product family	METRAL	rev		
surface	linear	0.X	±0.3		METRAL SIGNAL HEADER		dwg no 70298	rev CF	
		0.XX	±0.13		2 MOD, 4 ROW PRESS-FIT				
		0.XXX	±0.050		cat. no. *				
ISO 1302	angular	0°	±2°	amphenol-icc.com		Product - Customer Drw		sheet 10 of 10	