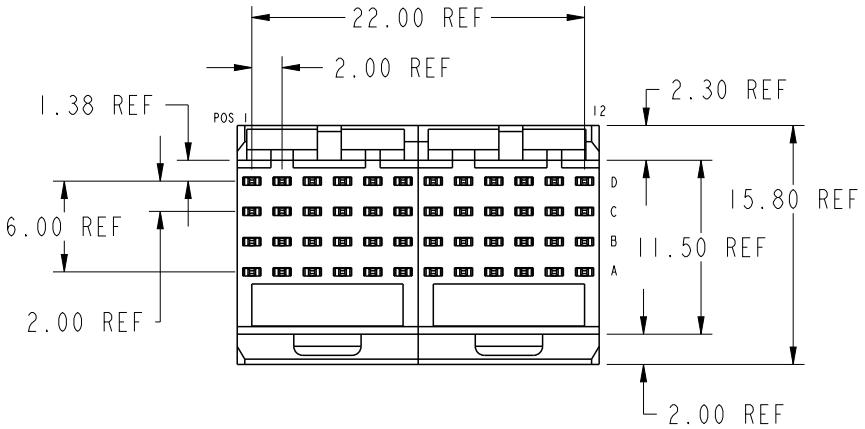
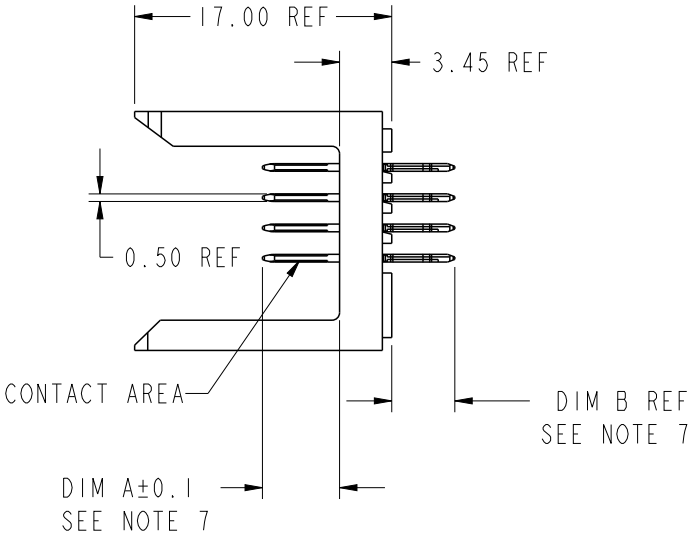
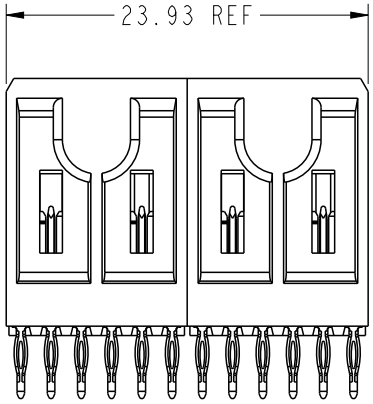
PRODUCT NUMBER
89074-XYYLF







spec ref	*			dr	Terran Huang	2010/07/09	projection	MM
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Narayanan, Aru	2021/01/22		size A4 / scale 2:1
				chr	-	-		ecn no ELX-I-39732-1
				appr	Kuriakose, San	2021/01/28	product family METRAL	rel level Released
surface 3.200 ISO 1302	linear	0.X	±0.3	Amphenol FCi	title: METRAL SIGNAL HEADER 2 MOD, 4 ROW PRESS-FIT		dwg no 89074	rev BM
		0.XX	±0.13					
		0.XXX	±0.050					
	angular	0°	±2°	amphenol-icc.com	cat. no. -	Product - Customer Drw		sheet 1 of 8

Creo File:ELX-MC-A4C,REV F,2020-12-21

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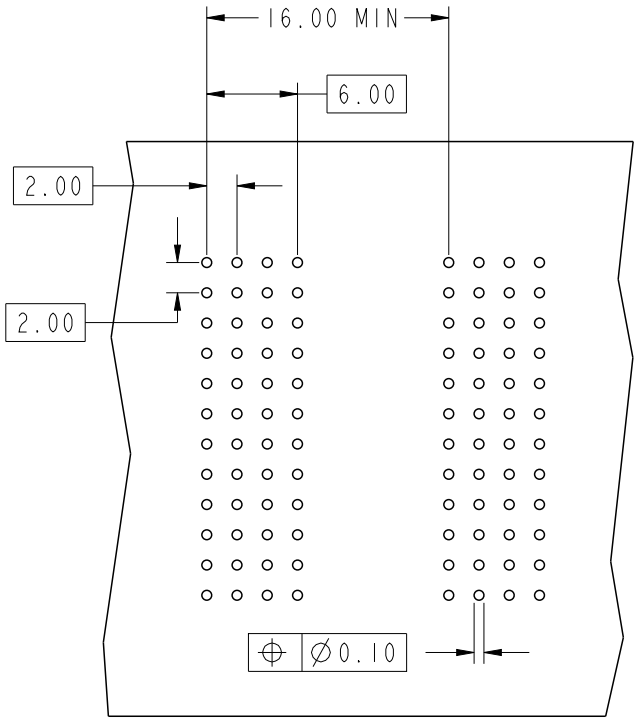

REQUIRED PC BOARD LAYOUT
COMPONENT SIDE

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
10	5.75	17.00
11	6.50	17.00
12	7.25	17.00
19	8.00	4.30

spec ref	*			dr	Terran Huang	2010/07/09	projection
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Narayanan, Aru	2021/01/22	MM
ISO 406 ISO 1101				chr	-	-	size A4 / scale 2:1
				appr	Kuriakose, San	2021/01/28	ecn no ELX-I-39732-1
surface 3.200	linear	0.X	±0.3				product family METRAL / rel level Released
		0.XX	±0.13				
		0.XXX	±0.050				
ISO 1302	angular	0°	±2°				

Amphenol FCi

title: METRAL SIGNAL HEADER
2 MOD, 4 ROW PRESS-FIT

dwg no 89074 | rev BM

amphenol-icc.com | cat. no. - | Product - Customer Drw | sheet 2 of 8

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Creo File:ELX-MC-A4C,REV F,2020-12-21

PDS: Rev :BM STATUS:Released Printed: Jan 28, 2021

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
89074-X01LF	D	3	2	1	1	1	1	1	3	2	3	2	3
	C	3	3	1	1	1	1	1	3	2	3	2	3
	B	3	2	1	1	1	1	1	3	2	3	2	3
	A	3	1	1	1	1	1	1	3	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
89074-X06LF	D	7	6	6	6	6	6	6	6	6	6	5	7
	C	7	6	6	6	6	6	6	6	6	6	5	7
	B	7	6	6	6	6	6	6	6	6	6	5	7
	A	7	6	6	6	6	6	6	6	6	6	5	7

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
89074-X11LF	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	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
89074-X16LF	D	4	2	2	2	2	2	2	2	2	2	2	2
	C	4	2	2	2	2	2	2	2	2	2	2	2
	B	4	2	2	2	2	2	2	2	2	2	2	2
	A	4	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
89074-X02LF	D	1	3	1	1	1	1	1	1	1	3	1	3
	C	1	3	1	1	1	1	1	1	1	3	1	3
	B	1	3	1	1	1	1	1	1	1	3	1	3
	A	1	3	1	1	1	1	1	1	1	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
89074-X07LF	D	8	6	6	6	6	6	6	6	6	6	6	6
	C	8	6	6	6	6	6	6	6	6	6	6	6
	B	8	6	6	6	6	6	6	6	6	6	6	6
	A	8	6	6	6	6	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
89074-X12LF	D	3	2	2	2	2	2	3	2	2	2	2	2
	C	3	2	2	2	2	2	3	2	2	2	2	2
	B	3	2	2	2	2	2	3	2	2	2	2	2
	A	3	2	2	2	2	2	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
89074-X17LF	D	2	2	2	2	2	2	2	2	2	2	2	4
	C	2	2	2	2	2	2	2	2	2	2	2	4
	B	2	2	2	2	2	2	2	2	2	2	2	4
	A	2	2	2	2	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	9	10	11	12
89074-X03LF	D	3	2	1	1	2	2	2	2	3	2	2	1
	C	3	2	1	1	2	2	2	2	3	2	2	1
	B	3	2	1	1	2	2	2	2	3	2	2	2
	A	3	2	1	1	2	2	2	1	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
89074-X08LF	D	3	2	3	2	3	3	3	3	2	3	2	2
	C	3	2	3	2	3	3	3	3	2	3	2	2
	B	3	2	3	2	3	3	3	3	2	3	2	2
	A	3	2	3	2	3	3	3	3	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
89074-X13LF	D	7	6	6	6	6	6	6	6	6	6	6	6
	C	7	6	6	6	6	6	6	6	6	6	6	6
	B	7	6	6	6	6	6	6	6	6	6	6	6
	A	7	6	6	6	6	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
89074-X18LF	D	3	2	2	2	2	4	2	2	2	2	3	4
	C	3	2	2	2	2	4	2	2	2	2	3	4
	B	3	2	2	2	2	4	2	2	2	2	3	4
	A	3	1	2	2	2	4	2	2	2	2	3	4

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
89074-X04LF	D	3	2	2	2	2	2	2	2	2	2	2	3
	C	3	2	2	2	2	2	2	2	2	2	2	3
	B	3	2	2	2	2	2	2	2	2	2	2	3
	A	3	2	2	2	2	2	2	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
89074-X09LF	D	8	7	7	7	7	7	7	7	7	7	6	8
	C	8	7	7	7	7	7	7	7	7	7	6	8
	B	8	7	7	7	7	7	7	7	7	7	6	8
	A	8	7	7	7	7	7	7	7	7	7	6	8

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
89074-X14LF	D	7	6	6	6	6	6	7	6	6	6	6	6
	C	7	6	6	6	6	6	7	6	6	6	6	6
	B	7	6	6	6	6	6	7	6	6	6	6	6
	A	7	6	6	6	6	6	7	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
89074-X19LF	D	4	2	2	2	2	2	2	2	4	3	3	4
	C	4	2	2	2	2	2	2	2	4	3	3	4
	B	4	2	2	2	2	2	2	2	4	3	3	4
	A	4	2	2	2	2	2	2	2	4	3	3	4

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
89074-X05LF	D	3	1	1	1	1	1	1	3	2	3	2	3
	C	3	1	1	1	1	1	1	3	2	3	2	3
	B	3	1	1	1	1	1	1	3	2	3	2	3
	A	3	1	1	1	1	1	1	3	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
89074-X10LF	D	3	2	2	2	2	2	3	3	3	2	4	4
	C	3	2	2	2	2	2	3	3	3	2	4	4
	B	3	2	2	2	2	2	3	3	3	2	4	4
	A	3	2	2	2	2	2	3	3	3	2	4	4

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
89074-X15LF	D	2	2	2	2	2	2	3	2	2	2	2	2
	C	2	2	2	2	2	2	3	2	2	2	2	2
	B	2	2	2	2	2	2	3	2	2	2	2	2
	A	2	2	2	2	2	2	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
89074-X20LF	D	8	7	7	7	7	7	7	7	7	7	7	7
	C	8	7	7	7	7	7	7	7	7	7	7	7
	B	8	7	7	7	7	7	7	7	7	7	7	7
	A	8	7	7	7	7	7	7	7	7	7	7	7

spec ref *

tolerance std
ISO 406
ISO 1101

TOLERANCES UNLESS OTHERWISE SPECIFIED

linear	0.X	±0.3
	0.XX	±0.13
	0.XXX	±0.050
angular	0°	±2°

surface 3.200
ISO 1302

dr	Terran Huang	2010/07/09
eng	Narayanan, Aru	2021/01/22
chr	-	-
appr	Kuriakose, San	2021/01/28

projection

MM

size A4 | scale 2:1

ecn no ELX-I-39732-1

product family METRAL

rel level **Released**

Amphenol FCi

title: METRAL SIGNAL HEADER
2 MOD, 4 ROW PRESS-FIT

dwg no 89074

rev **BM**

amphenol-icc.com | cat. no. - | Product - Customer Drw | sheet 3 of 8

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Creo File:ELX-MC-A4C,REV F,2020-12-21

PDS: Rev :BM STATUS:Released Printed: Jan 28, 2021

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
89074-X21LF	D	2	2	2	2	3	2	4	2	2	2	2	2
	C	2	2	2	2	3	2	4	2	2	2	2	2
	B	2	2	2	2	3	2	4	2	2	2	2	2
	A	2	2	1	2	3	2	4	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
89074-X26LF	D	3	3	1	3	3	3	3	3	3	3	3	3
	C	3	4	1	3	3	3	3	3	3	3	3	3
	B	3	3	1	3	3	3	3	3	3	3	3	3
	A	3	3	1	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
89074-X31LF	D	6	6	6	6	6	6	6	6	6	7	6	7
	C	6	6	6	6	6	6	6	6	6	7	6	7
	B	6	6	6	6	6	6	6	6	6	7	6	7
	A	6	6	6	6	6	6	6	6	6	7	6	7

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
89074-X36LF	D	2	2	2	2	2	2	4	2	2	2	2	2
	C	2	2	2	2	2	2	4	2	2	2	2	2
	B	2	2	4	2	2	2	4	2	2	2	2	2
	A	2	2	3	2	2	2	4	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
89074-X22LF	D	2	2	1	1	3	2	4	2	2	2	2	2
	C	2	2	2	2	3	2	4	2	2	2	2	2
	B	2	2	2	2	3	2	4	2	2	2	2	2
	A	2	2	2	2	3	2	4	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
89074-X27LF	D	2	2	2	2	2	2	2	2	2	2	4	1
	C	2	2	2	2	2	2	2	2	2	2	4	1
	B	2	2	2	2	2	2	2	2	2	2	2	1
	A	2	2	2	2	2	1	1	2	2	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
89074-X32LF	D	2	2	2	2	2	2	2	3	3	2	4	2
	C	2	2	2	2	2	2	2	3	3	2	4	2
	B	2	2	2	2	2	2	2	3	3	2	4	2
	A	2	2	2	2	2	2	2	3	3	2	4	2

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
89074-X37LF	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	4	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
89074-X23LF	D	1	1	1	3	3	3	3	3	3	3	3	3
	C	1	1	1	3	3	3	3	3	3	3	3	3
	B	1	1	1	3	3	3	3	3	3	3	3	3
	A	1	1	1	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
89074-X28LF	D	2	2	2	2	2	2	2	2	1	2	2	2
	C	2	2	2	2	2	2	2	1	1	2	2	2
	B	2	2	2	2	2	2	2	4	1	2	2	2
	A	2	2	2	2	2	2	2	4	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
89074-X33LF	D	2	2	2	2	2	2	4	2	2	2	2	2
	C	2	2	2	2	2	2	4	2	2	2	2	2
	B	2	2	2	2	2	2	4	2	2	2	2	2
	A	2	2	2	2	2	2	4	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
89074-X38LF	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	4	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
89074-X24LF	D	1	1	1	1	1	1	1	1	1	1	2	2
	C	1	1	1	1	1	1	1	1	1	1	2	2
	B	1	1	1	1	1	1	1	1	1	1	2	2
	A	1	1	1	1	1	1	1	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
89074-X29LF	D	2	2	4	4	4	4	4	4	4	4	4	4
	C	2	2	4	4	4	4	4	4	4	4	4	4
	B	2	2	4	4	4	4	4	4	4	4	4	4
	A	2	2	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
89074-X34LF	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	2
	B	2	2	2	2	2	2	2	4	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
89074-X39LF	D	2	2	2	2	2	2	2	2	2	2	2	2
	C	2	2	2	2	2	2	2	2	2	4	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
89074-X25LF	D	3	3	1	3	3	3	3	3	3	3	3	3
	C	3	3	1	3	3	3	3	3	3	3	3	3
	B	3	3	1	3	3	3	3	3	3	3	3	3
	A	3	3	1	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
89074-X30LF	D	6	6	6	6	6	6	6	6	6	6	7	7
	C	6	6	6	6	6	6	6	6	6	6	7	7
	B	6	6	6	6	6	6	6	6	6	6	7	7
	A	6	6	6	6	6	6	6	6	6	6	7	7

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
89074-X35LF	D	2	2	2	2	2	2	2	2	2	3	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	3	2	4
	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
89074-X40LF	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	4	2
	A	2	2	2	2	2	2	2	2	2	2	3	2

Amphenol FCi

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spec ref	*		
tolerance std	ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED	
surface	3.200	linear	0.X ±0.3
			0.XX ±0.13
			0.XXX ±0.050
	ISO 1302	angular	0° ±2°

dr	Terran Huang	2010/07/09
eng	Narayanan, Aru	2021/01/22
chr	-	-
appr	Kuriakose, San	2021/01/28

projection | MM | size A4 | scale 2:1

ecn no ELX-I-39732-1

product family METRAL | rel level **Released**

Amphenol FCi

title: METRAL SIGNAL HEADER
2 MOD, 4 ROW PRESS-FIT

dwg no 89074 | rev **BM**

amphenol-icc.com | cat. no. - | Product - Customer Drw | sheet 4 of 8

Creo File:ELX-MC-A4C,REV F,2020-12-21

PDS: Rev :BM STATUS:Released Printed: Jan 28, 2021

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
89074-X41LF	D	3	3	3	3	3	2	4	2	4	2	4	2
	C	3	3	3	3	2	4	2	4	2	4	2	4
	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
89074-X46LF	D	4	-	-	2	-	1	2	2	2	2	2	2
	C	4	-	-	2	-	2	2	2	2	2	2	2
	B	4	-	-	2	-	4	4	4	2	2	2	2
	A	4	-	-	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
89074-X51LF	D	2	2	2	2	2	2	2	3	3	2	4	4
	C	2	2	2	2	2	2	2	3	3	2	4	4
	B	2	2	2	2	2	2	2	3	3	2	4	4
	A	2	2	2	2	2	2	2	3	3	2	4	4

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
89074-X56LF	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	3	4	4	3	3
	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
89074-X42LF	D	11	11	11	11	11	10	12	10	12	10	12	10
	C	11	11	11	11	10	12	10	12	10	12	10	12
	B	11	11	11	11	11	11	11	11	11	11	11	11
	A	11	11	11	11	11	11	11	11	11	11	11	11

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
89074-X47LF	D	8	-	-	6	-	5	6	6	6	6	6	6
	C	8	-	-	6	-	6	6	6	6	6	6	6
	B	8	-	-	6	-	8	8	8	6	6	6	6
	A	8	-	-	6	-	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
89074-X52LF	D	2	2	2	2	2	4	2	2	2	2	2	2
	C	2	2	2	2	2	4	2	2	2	2	2	2
	B	2	2	2	2	2	4	2	2	2	2	2	2
	A	2	2	2	2	2	4	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
89074-X57LF	D	1	1	1	1	1	1	-	-	-	1	1	1
	C	1	1	1	1	1	1	-	-	-	1	1	1
	B	1	1	1	1	1	1	-	-	-	1	1	1
	A	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
89074-X43LF	D	1	1	1	1	2	1	1	1	1	1	1	2
	C	1	1	1	1	2	1	1	1	1	1	1	2
	B	1	1	1	1	2	1	1	1	1	1	1	2
	A	1	1	1	1	2	1	1	1	1	1	1	2

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
89074-X48LF	D	6	6	6	6	6	6	6	6	6	6	6	6
	C	6	6	6	6	6	6	6	6	8	8	8	6
	B	6	6	6	6	6	6	6	6	6	6	6	6
	A	6	6	6	6	6	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
89074-X53LF	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	4	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
89074-X58LF	D	1	1	1	1	1	1	1	1	1	1	1	1
	C	1	1	1	1	1	1	1	1	1	1	1	1
	B	3	1	3	1	1	1	1	1	1	1	1	1
	A	1	1	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
89074-X44LF	D	3	1	3	2	2	2	3	2	2	2	2	2
	C	3	3	2	2	2	2	3	2	2	2	2	2
	B	3	2	2	2	2	2	3	2	2	2	2	2
	A	3	2	2	2	2	2	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
89074-X49LF	D	4	-	-	2	-	6	6	6	6	6	6	6
	C	4	-	-	2	-	6	6	6	6	6	6	6
	B	4	-	-	2	-	8	8	8	6	6	6	6
	A	4	-	-	2	-	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
89074-X54LF	D	3	2	1	1	1	1	1	1	1	1	2	3
	C	3	2	1	1	1	1	1	1	1	1	2	3
	B	3	2	1	1	1	1	1	1	1	1	2	3
	A	3	2	1	1	1	1	1	1	1	1	2	3

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
89074-X59LF	D	6	8	6	6	6	6	6	6	6	6	6	6
	C	6	8	6	6	6	6	6	6	6	6	6	6
	B	6	8	6	6	6	6	6	6	6	6	6	6
	A	6	8	6	6	6	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
89074-X45LF	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	1
	B	2	2	2	2	2	2	2	2	2	2	2	1
	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
89074-X50LF	D	2	4	2	2	2	2	2	2	2	2	2	2
	C	2	4	2	2	2	2	2	2	2	2	2	2
	B	2	4	2	2	2	2	2	2	2	2	2	2
	A	2	4	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
89074-X55LF	D	4	4	3	3	4	4	4	4	4	2	2	2
	C	4	4	3	3	4	4	4	2	4	4	4	4
	B	4	4	3	3	4	4	4	4	4	4	2	4
	A	4	4	3	3	4	4	2	2	2	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
89074-X60LF	D	2	2	2	1	1	1	1	1	1	3	2	3
	C	2	2	2	1	1	1	1	1	1	3	2	3
	B	2	2	2	1	1	1	1	1	1	3	2	3
	A	2	2	2	1	1	1	1	1	1	3	2	3

spec ref	*	dr	Terran Huang	2010/07/09	projection	MM	size A4 / scale 2:1
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Narayanan, Aru	2021/01/22			ecn no ELX-I-39732-1
		chr	-	-			
		appr	Kuriakose, San	2021/01/28	product family	METRAL	rel level Released

surface 3.200 ISO 1302	linear	0.X	±0.3	Amphenol FCI	title METRAL SIGNAL HEADER 2 MOD, 4 ROW PRESS-FIT	dwg no 89074 / rev BM
		0.XX	±0.13			
		0.XXX	±0.050			
	angular	0°	±2°	amphenol-icc.com	cat. no. -	Product - Customer Drw / sheet 5 of 8

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Amphenol FCI

Creo File:ELX-MC-A4C,REV F,2020-12-21

PDS: Rev :BM STATUS:Released Printed: Jan 28, 2021

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
89074-X61LF	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	1	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
89074-X62LF	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	4
	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
89074-X63LF	D	2	2	2	2	2	2	2	2	4	2	2	4
	C	2	2	2	2	2	2	2	2	4	2	2	4
	B	2	2	2	2	2	2	2	2	4	2	2	4
	A	2	2	2	2	2	2	2	2	4	2	2	4

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
89074-X64LF	D	2	2	4	2	2	2	2	2	2	2	2	4
	C	2	2	4	2	2	2	2	2	2	2	2	4
	B	2	2	4	4	2	2	2	2	2	2	2	4
	A	2	2	4	4	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	9	10	11	12
89074-X65LF	D	3	4	2	3	2	2	2	4	2	2	2	2
	C	3	2	2	3	2	2	2	4	2	2	2	2
	B	3	2	2	3	3	2	2	4	2	2	2	2
	A	3	2	2	3	3	2	2	4	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
89074-X66LF	D	3	3	2	2	4	4	4	4	4	4	4	4
	C	3	3	2	2	4	4	4	4	4	4	4	4
	B	3	3	2	2	4	4	4	4	4	4	4	4
	A	3	3	2	2	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
89074-X67LF	D	2	2	2	2	2	4	4	4	4	4	2	2
	C	2	2	2	2	2	4	4	4	4	4	2	2
	B	2	2	2	2	2	4	4	4	4	4	2	2
	A	2	2	2	2	2	4	4	4	4	4	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
89074-X68LF	D	2	4	2	2	2	2	2	2	3	4	3	
	C	2	4	2	2	2	2	2	2	3	4	3	
	B	2	4	2	2	2	2	2	2	3	4	3	
	A	2	4	2	2	2	2	2	2	3	4	3	

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
89074-X69LF	D	4	4	4	4	3	3	3	4	2	3	2	2
	C	4	4	4	4	3	3	3	2	2	3	2	2
	B	4	4	4	4	3	3	3	2	2	3	3	2
	A	4	4	4	4	3	3	3	2	2	3	3	2

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
89074-X70LF	D	4	4	4	4	2	4	2	2	4	2	2	2
	C	4	4	4	4	2	4	2	2	4	2	2	2
	B	4	4	4	4	2	4	2	2	4	4	2	2
	A	4	4	4	4	2	4	2	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	11	12
89074-X71LF	D	4	4	2	2	2	2	2	2	2	2	2	2
	C	4	4	2	2	2	2	2	2	2	2	2	2
	B	4	4	2	2	2	2	2	2	2	2	2	2
	A	4	4	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
89074-X72LF	D	3	4	4	4	4	4	4	4	4	4	4	4
	C	3	4	4	4	4	4	4	4	4	4	4	4
	B	3	4	4	4	4	4	4	4	4	4	4	4
	A	3	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
89074-X73LF	D	2	2	2	2	2	2	2	2	2	4	2	2
	C	2	2	2	2	2	2	2	2	2	4	2	2
	B	2	2	2	2	2	2	2	2	2	4	2	2
	A	2	2	2	2	2	2	2	2	2	4	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
89074-X74LF	D	6	6	6	6	6	6	6	6	6	8	6	6
	C	6	6	6	6	6	6	6	6	6	8	6	6
	B	6	6	6	6	6	6	6	6	6	8	6	6
	A	6	6	6	6	6	6	6	6	6	8	6	6

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
89074-X75LF	D	6	6	6	6	6	6	6	7	7	6	8	8
	C	6	6	6	6	6	6	6	7	7	6	8	8
	B	6	6	6	6	6	6	6	7	7	6	8	8
	A	6	6	6	6	6	6	6	7	7	6	8	8

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
89074-X76LF	D	2	2	2	2	2	2	4	2	2	2	2	2
	C	2	2	2	2	2	2	4	2	2	2	2	2
	B	2	2	2	2	2	2	4	2	2	2	2	2
	A	2	2	2	2	2	2	4	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
89074-X77LF	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	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
89074-X78LF	D	8	6	6	6	6	6	6	6	6	5	6	6
	C	8	6	6	6	6	6	6	6	6	8	6	6
	B	8	6	6	6	6	6	6	6	6	6	6	6
	A	8	6	6	6	6	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
89074-X79LF	D	1	3	3	3	3	3	3	3	3	3	3	1
	C	1	3	3	3	3	3	3	3	3	3	3	1
	B	1	3	3	3	3	3	3	3	3	3	3	1
	A	1	3	3	3	3	3	3	3	3	3	3	1

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
89074-X80LF	D	2	2	2	2	2	2	2	2	2	3	3	3
	C	2	2	2	2	2	2	2	2	2	3	3	3
	B	2	2	2	2	2	2	2	2	2	3	3	3
	A	2	2	2	2	2	2	2	2	2	3	3	3

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Amphenol FCi

spec ref *

tolerance std ISO 406 ISO 1101

TOLERANCES UNLESS OTHERWISE SPECIFIED

linear	0.X	±0.3
	0.XX	±0.13
	0.XXX	±0.050
angular	0°	±2°

surface 3.200 ISO 1302

dr	Terran Huang	2010/07/09	projection
eng	Narayanan, Aru	2021/01/22	MM
chr	-	-	
appr	Kuriakose, San	2021/01/28	product family METRAL

size A4 | scale 2:1

ecn no ELX-I-39732-1

rel level Released

Amphenol FCi

title METRAL SIGNAL HEADER 2 MOD, 4 ROW PRESS-FIT

dwg no 89074

rev BM

amphenol-icc.com | cat. no. - | Product - Customer Drw | sheet 6 of 8

Creo File:ELX-MC-A4C,REV F,2020-12-21

PDS: Rev :BM STATUS:Released Printed: Jan 28, 2021

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
89074-X81LF.	D	2	2	2	2	2	2	2	2	2	2	3	3
	C	2	2	2	2	2	2	2	2	2	2	3	3
	B	2	2	2	2	2	2	2	2	2	2	3	3
	A	2	2	2	2	2	2	2	2	2	2	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
89074-X86LF	D	-	-	2	2	-	-	4	2	2	4	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
89074-X91LF	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	7	7	5	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
89074-X96LF	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	4
	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
89074-X82LF	D	1	1	1	1	19	1	19	1	1	19	1	1
	C	19	1	1	19	1	19	19	1	1	1	19	1
	B	1	1	1	1	19	1	1	1	1	1	1	19
	A	1	1	1	19	1	19	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
89074-X87LF	D	1	1	1	1	1	1	1	1	3	1	1	1
	C	1	1	1	1	1	1	1	1	1	1	1	1
	B	3	3	3	3	3	3	3	3	3	1	1	3
	A	1	1	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
89074-X92LF	D	1	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	1	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
89074-X97LF	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	3
	A	2	2	2	2	2	2	2	2	2	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
89074-X83LF	D	6	6	7	7	6	6	6	7	7	6	8	8
	C	6	6	7	7	6	6	6	7	7	6	8	8
	B	6	6	7	7	6	6	6	7	7	6	8	8
	A	6	6	7	7	6	6	6	7	7	6	8	8

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
89074-X88LF	D	4	-	2	4	4	2	-	4	2	-	4	2
	C	4	-	4	4	4	2	-	4	2	-	4	2
	B	4	-	-	4	4	2	2	4	2	2	4	-
	A	4	-	-	4	4	2	2	4	2	2	4	-

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
89074-X93LF	D	2	2	2	2	2	2	2	2	3	2	2	3
	C	2	2	2	2	2	2	2	2	3	2	2	3
	B	2	2	2	2	2	2	2	2	3	2	2	3
	A	2	2	2	2	2	2	2	2	3	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
89074-X98LF.	D	2	2	2	2	2	2	2	2	2	2	4	4
	C	2	2	2	2	2	2	2	2	1	2	4	4
	B	2	2	2	2	2	2	2	2	2	2	4	4
	A	2	2	2	2	2	2	2	2	2	2	4	4

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
89074-X84LF	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	1	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
89074-X89LF	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	2

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
89074-X94LF	D	3	2	1	1	2	2	2	2	3	2	2	2
	C	3	2	1	1	2	2	1	2	3	2	2	2
	B	3	2	1	1	2	1	1	2	3	2	2	2
	A	3	2	1	1	2	1	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
89074-X99LF	D	2	2	2	2	4	2	2	4	3	3	4	4
	C	2	2	2	2	4	2	2	4	3	3	4	4
	B	2	2	2	2	4	2	2	4	3	3	4	4
	A	2	2	2	2	4	2	2	4	3	3	4	4

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
89074-X85LF	D	1	1	1	1	1	1	1	1	1	1	1	1
	C	1	1	1	1	1	1	1	1	1	1	1	1
	B	1	1	1	1	1	1	1	1	1	1	1	1
	A	2	2	2	2	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
89074-X90LF	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	1	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
89074-X95LF	D	2	2	2	2	2	2	4	2	4	2	4	2
	C	2	2	2	2	4	2	2	4	2	4	2	4
	B	2	2	2	2	2	2	4	2	4	2	4	2
	A	2	2	2	2	2	2	2	4	2	4	2	4

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
89074-X100LF	D	19	2	2	2	2	2	2	1	2	19	3	2
	C	19	2	2	2	2	2	2	1	2	19	3	2
	B	19	2	2	2	2	2	2	2	2	1	19	2
	A	19	2	2	2	2	2	2	2	2	2	19	3

spec ref	*	dr	Terran Huang	2010/07/09	projection	MM
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Narayanan, Aru	2021/01/22		
		chr	-	-		
		appr	Kuriakose, San	2021/01/28	product family	METRAL

surface 3.200 ISO 1302	linear	0.X	±0.3	Amphenol FCi	title	METRAL SIGNAL HEADER
		0.XX	±0.13			2 MOD, 4 ROW PRESS-FIT
		0.XXX	±0.050			
	angular	0°	±2°	amphenol-icc.com	cat. no.	-

size A4	scale 2:1		
ecn no	ELX-I-39732-1		
rel level	Released		
dwg no	89074	rev	BM
Product - Customer Drw		sheet 7 of 8	

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Amphenol FCi

Creo File:ELX-MC-A4C,REV F,2020-12-21

PDS: Rev :BM STATUS:Released Printed: Jan 28, 2021

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
89074-X101LF	D	19	2	2	2	19	2	2	19	2	2	2	3
	C	19	2	1	2	19	2	2	19	2	2	2	3
	B	19	2	19	2	19	2	2	19	2	1	2	3
	A	19	2	1	2	19	2	2	19	2	1	2	3

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
89074-X106LF	D	3	-	3	-	3	-	3	-	-	3	-	3
	C	3	-	3	-	3	-	3	-	-	3	-	3
	B	3	-	3	-	3	-	3	-	-	3	-	3
	A	3	-	3	-	3	-	3	-	-	3	-	1

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
89074-X102LF	D	19	2	1	2	2	1	2	2	2	19	3	2
	C	19	2	1	2	2	2	1	2	2	19	3	2
	B	19	19	1	2	2	2	1	2	2	1	19	2
	A	19	1	2	2	1	2	2	2	2	2	19	3

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
89074-X103LF	D	2	2	2	2	2	2	2	2	2	2	2	1
	C	2	1	1	2	2	2	2	2	2	2	1	2
	B	2	2	2	2	2	2	2	2	2	19	2	2
	A	1	2	1	1	1	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
89074-X104LF	D	1	1	1	1	1	1	1	1	1	1	1	1
	C	1	1	1	1	1	1	1	1	1	1	1	1
	B	3	3	3	3	3	3	1	1	1	1	1	1
	A	1	1	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
89074-X105LF	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

NOTES:

1. FOR DIM A AND B SEE SHEET 2 AND UP.
2. MATERIAL : BODY : THERMOPLASTIC UL94-V0. BM
   : CONTACT : COPPER ALLOY.
3. FOR PLATING PERFOEMANCE REFER DRAWING # 10159408. BM
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 PRODUCTS MEET THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004. BM
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 MAXIMIM 140°C FOR NO LONGER THAN 15 SECONDS IN A WAVE SOLDER APPLICATION. BM
10. A BM SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.
11. 89074-XYYLF.
    'X' REFER DRAWING # 10159408. BM

spec ref	*	dr	Terran Huang	2010/07/09	projection	MM	size A4 / scale 2:1
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Narayanan, Aru	2021/01/22			ecn no ELX-I-39732-1
		chr	-	-			
		appr	Kuriakose, San	2021/01/28	product family	METRAL	rel level Released
surface 3.200 ISO 1302	linear 0.X ±0.3 / 0.XX ±0.13 / 0.XXX ±0.050 / angular 0° ±2°	Amphenol FCi	title: METRAL SIGNAL HEADER 2 MOD, 4 ROW PRESS-FIT		dwg no 89074		rev BM
		amphenol-icc.com	cat. no. -		Product - Customer Drw		sheet 8 of 8

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Creo File:ELX-MC-A4C,REV F,2020-12-21

PDS: Rev :BM STATUS:Released Printed: Jan 28, 2021

Mouser Electronics

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FCI / Amphenol:

890741106L