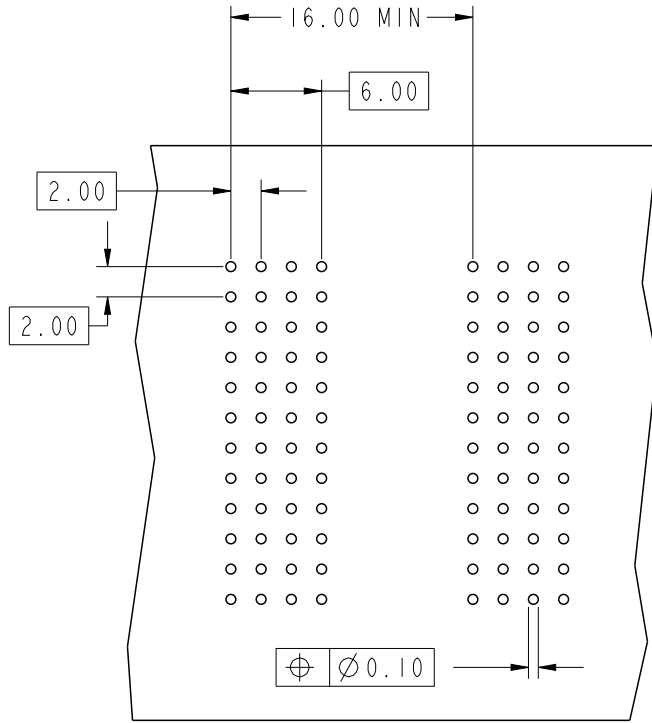


spec ref	*	dr	Terran Huang	2010/07/09	projection 	MM 	size	A4	scale	2:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Rahul Mohan-M	2021/06/17			ecn no	ELX-I-41237-1		
ISO 406 ISO 1101		chr	-	-			rel level	Released		
surface	3.200 linear	appr	Kuriakose, San	2021/08/13	product family	METRAL				
ISO 1302	angular	Amphenol FCi www.fci.com		title	METRAL SIGNAL HEADER		dwg no	89073	rev	CG
	0.X ±0.3 0.XX ±0.13 0.XXX ±0.050			cat. no.	-	Product - Customer Drw	sheet 1 of 9			
	0° ±2°									

Creo F-114; ELX-MC; AC; REV F; 2020-12-21



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
12	7.25	17.00
13	8.25	4.30
14	8.25	13.60
19	8.00	4.30
20	8.00	13.60
22	5.00	12.10
23	8.00	17.70
24	6.50	16.30
25	5.75	15.60
26	5.00	14.90

spec ref	*	dr	Terran Huang	2010/07/09	projection	MM	size	A4	scale	2:1		
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Rahul Mohan-M	2021/06/17			ecn no	ELX-I-41237-1				
ISO 406		chr	-	-			rel level	Released				
ISO 1101		appr	Kuriakose, San	2021/08/13	product family	METRAL						
surface	3.200 linear				title	METRAL SIGNAL HEADER			dwg no	89073	rev	CG
						1 MOD, 4 ROW PRESS-FIT						
ISO 1302	angular				cat. no.	-			Product - Customer Drw		sheet 2 of 9	

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X01LF	D	-	-	-	-	3	3
	C	-	-	-	-	3	3
	B	-	-	-	-	3	3
	A	-	-	-	-	3	3

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X06LF	D	3	3	3	3	3	3
	C	3	3	3	3	3	3
	B	3	3	3	3	4	1
	A	3	3	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X11LF	D	22	22	22	22	22	22
	C	22	22	22	22	22	22
	B	22	22	22	22	22	22
	A	22	22	22	22	22	22

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X16LF	D	4	3	3	4	3	3
	C	4	3	3	4	3	3
	B	4	3	3	4	3	3
	A	4	3	3	4	3	3

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X02LF	D	3	3	19	3	3	3
	C	3	3	3	3	3	3
	B	3	3	3	3	3	3
	A	3	3	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X07LF	D	-	-	-	-	-	-
	C	-	-	-	-	-	-
	B	-	-	-	-	-	-
	A	-	-	-	-	-	-

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X12LF	D	3	3	3	3	-	-
	C	3	3	3	3	-	-
	B	3	3	3	3	-	-
	A	3	3	3	3	-	-

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X17LF	D	2	1	1	1	1	1
	C	2	1	1	1	1	1
	B	2	3	1	1	1	1
	A	2	3	1	1	1	1

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X03LF	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	19	3

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X08LF	D	1	1	1	3	2	2
	C	1	1	1	3	2	2
	B	1	1	1	3	2	2
	A	1	1	1	3	2	2

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X13LF	D	-	-	3	3	3	3
	C	-	-	3	3	3	3
	B	-	-	3	3	3	3
	A	-	-	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X18LF	D	-	-	-	-	-	-
	C	-	2	-	-	-	3
	B	-	1	-	2	-	3
	A	-	1	-	1	-	3

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X04LF	D	19	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	3

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X09LF	D	6	6	6	6	6	7
	C	6	6	6	6	6	7
	B	6	6	6	6	6	7
	A	6	6	6	6	6	7

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X14LF	D	-	1	-	1	-	1
	C	1	-	1	-	1	-
	B	-	1	-	1	-	1
	A	1	-	1	-	1	-

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X19LF	D	1	2	2	1	1	1
	C	1	2	2	1	1	1
	B	1	1	1	1	1	1
	A	3	3	3	3	1	1

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X05LF	D	3	-	3	-	3	-
	C	3	-	4	-	2	-
	B	3	-	3	-	3	-
	A	3	-	3	-	3	-

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X10LF	D	1	1	1	1	1	1
	C	1	1	1	1	1	1
	B	3	3	1	1	1	1
	A	3	3	1	1	1	1

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X15LF	D	19	2	4	4	4	19
	C	19	3	4	4	4	4
	B	19	3	4	4	4	4
	A	19	3	1	4	4	4

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X20LF	D	19	19	1	1	1	1
	C	19	19	1	1	1	1
	B	19	19	1	1	1	1
	A	19	19	1	1	1	1

spec ref *		dr <b>Terran Huang</b>		2010/07/09		projection		size <b>A4</b>		scale <b>1:1</b>			
tolerance std		eng <b>Rahul Mohan-M</b>		2021/06/17						ecn no <b>ELX-I-41237-1</b>			
ISO 406 ISO 1101		chr -		-						rel level <b>Released</b>			
TOLERANCES UNLESS OTHERWISE SPECIFIED		appr <b>Kuriakose, San</b>		2021/08/13		product family <b>METRAL</b>		rev		dwg no <b>89073</b>			
surface <b>3.200</b> linear		0.X ±0.3				<b>METRAL SIGNAL HEADER</b> 1 MOD, 4 ROW PRESS-FIT		www.fci.com		cat. no. - <b>Product - Customer Drw</b>			
ISO 1302		0.XX ±0.13										sheet 3 of 9	
angular 0°		0.XXX ±0.050										rev <b>CG</b>	

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X21LF	D	5	5	5	5	5	5
	C	7	7	7	7	7	7
	B	5	5	5	5	5	5
	A	5	5	5	5	5	5
89073-X22LF	D	4	3	4	2	2	3
	C	4	3	4	2	2	3
	B	4	3	4	2	2	3
	A	4	3	4	1	4	3
89073-X23LF	D	3	1	1	1	1	1
	C	3	1	1	1	1	1
	B	3	1	1	1	1	1
	A	3	1	1	1	1	1
89073-X24LF	D	19	3	3	3	3	1
	C	19	3	3	3	3	1
	B	19	3	3	3	3	2
	A	19	3	3	3	3	3
89073-X25LF	D	19	3	3	3	3	19
	C	19	3	3	3	3	3
	B	19	3	3	3	3	3
	A	19	3	3	3	3	3
89073-X26LF	D	3	1	1	1	1	3
	C	3	1	1	1	1	3
	B	3	1	1	1	1	3
	A	3	1	1	1	1	3
89073-X27LF	D	19	3	4	4	3	3
	C	19	3	4	4	3	3
	B	19	3	4	4	3	3
	A	19	3	4	4	3	3
89073-X28LF	D	19	3	19	19	3	3
	C	19	3	19	19	3	3
	B	19	3	19	19	3	3
	A	19	3	19	19	3	3
89073-X29LF	D	2	3	3	3	3	19
	C	2	3	3	3	3	19
	B	2	3	3	3	3	19
	A	2	3	3	3	3	19
89073-X30LF	D	3	3	3	3	3	4
	C	3	3	3	3	3	4
	B	3	3	3	3	3	4
	A	3	3	3	3	3	4
89073-X31LF	D	7	7	7	7	7	8
	C	7	7	7	7	7	8
	B	7	7	7	7	7	8
	A	7	7	7	7	7	8
89073-X32LF	D	8	8	8	8	7	7
	C	8	8	8	8	7	7
	B	8	8	8	8	7	7
	A	8	8	8	8	7	7
89073-X33LF	D	19	3	19	19	4	4
	C	19	3	19	19	4	4
	B	19	3	19	19	4	4
	A	19	3	19	19	4	4
89073-X34LF	D	3	2	2	2	2	2
	C	3	2	2	2	2	2
	B	3	2	2	2	1	2
	A	3	2	2	2	3	2
89073-X35LF	D	3	3	-	3	3	-
	C	-	-	-	-	-	-
	B	-	-	-	-	-	-
	A	3	3	-	3	3	-
89073-X36LF	D	3	3	3	3	3	3
	C	3	3	4	3	2	3
	B	3	3	3	3	3	3
	A	3	3	3	3	3	3
89073-X37LF	D	8	7	7	8	7	7
	C	8	7	7	8	7	7
	B	8	7	7	8	7	7
	A	8	7	7	8	7	7
89073-X38LF	D	3	4	2	2	2	2
	C	3	4	2	2	2	2
	B	3	4	2	2	2	2
	A	3	4	2	2	2	2
89073-X39LF	D	3	3	3	19	3	3
	C	3	3	3	3	3	3
	B	3	3	3	3	3	3
	A	3	3	3	3	3	3
89073-X40LF	D	3	4	4	3	2	2
	C	3	4	4	3	2	2
	B	3	4	4	3	2	2
	A	3	4	4	3	2	2

spec ref *		dr <b>Terran Huang</b>	2010/07/09			size <b>A4</b>	scale <b>1:1</b>		
tolerance std ISO 406 ISO 1101		eng <b>Rahul Mohan-M</b>	2021/06/17			ecn no <b>ELX-I-41237-1</b>			
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr <b>-</b>	-			rel level <b>Released</b>			
		appr <b>Kuriakose, San</b>		2021/08/13	product family <b>METRAL</b>				
surface <b>3.200</b>	linear	0.X	±0.3		<b>METRAL SIGNAL HEADER</b> 1 MOD, 4 ROW PRESS-FIT	dwg no <b>89073</b>	rev <b>CG</b>		
		0.XX	±0.13				cat. no. <b>-</b>	Product - Customer Drw	sheet 4 of 9
	angular	0°	±2°						

Creo F114:ELX-FCI:AC,REV F,2020-12-21

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X41LF	D	4	4	2	3	3	3
	C	2	2	4	2	4	4
	B	2	2	4	4	2	2
	A	2	2	4	2	4	4

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X46LF	D	20	7	7	7	7	7
	C	20	7	7	7	7	7
	B	20	7	7	7	7	7
	A	20	7	7	7	7	7

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X51LF	D	7	7	7	7	6	8
	C	7	7	7	7	6	8
	B	7	7	7	7	6	8
	A	7	7	7	7	6	8

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X56LF	D	3	3	3	2	4	4
	C	3	3	3	2	4	4
	B	3	3	3	2	4	4
	A	3	3	3	2	4	4

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X42LF	D	1	4	1	1	1	1
	C	1	4	1	1	1	1
	B	1	4	1	1	1	1
	A	1	4	1	1	1	1

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X47LF	D	20	7	7	7	7	5
	C	20	7	7	7	7	5
	B	20	7	7	7	7	6
	A	20	7	7	7	7	7

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X52LF	D	8	7	7	7	7	8
	C	8	7	7	7	7	8
	B	8	7	7	7	7	8
	A	8	7	7	7	7	8

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X57LF	D	2	3	1	1	1	1
	C	2	3	1	1	1	1
	B	2	3	1	1	1	1
	A	2	3	1	1	1	1

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X43LF	D	14	14	14	14	14	14
	C	14	20	14	20	14	20
	B	20	20	20	20	20	20
	A	14	14	14	14	14	14

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X48LF	D	5	5	20	5	5	5
	C	5	5	20	5	5	5
	B	5	5	20	5	5	5
	A	5	5	20	5	5	5

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X53LF	D	2	2	4	3	3	4
	C	2	2	4	3	3	4
	B	2	2	4	3	3	4
	A	2	2	4	3	3	2

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X58LF	D	5	6	8	5	5	7
	C	5	6	8	5	5	7
	B	5	5	5	5	5	5
	A	5	5	5	5	5	5

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X44LF	D	13	13	13	13	13	13
	C	13	19	13	19	13	19
	B	19	19	19	19	19	19
	A	13	13	13	13	13	13

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X49LF	D	2	2	4	4	2	19
	C	2	2	4	4	2	19
	B	2	2	4	4	2	19
	A	2	2	4	4	2	19

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X54LF	D	2	2	4	3	3	4
	C	2	2	4	3	3	4
	B	2	2	4	3	3	4
	A	2	2	4	3	3	4

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X59LF	D	7	6	8	7	7	7
	C	7	6	8	7	7	7
	B	7	7	7	7	7	7
	A	7	7	7	7	7	7

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X45LF	D	1	1	-	-	1	1
	C	1	1	-	-	1	1
	B	1	1	-	-	1	1
	A	1	1	-	-	1	1

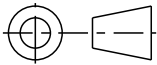

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X50LF	D	7	7	6	6	6	6
	C	7	7	6	6	6	6
	B	7	7	6	6	6	6
	A	7	7	6	6	6	6

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X55LF	D	2	3	3	3	4	4
	C	2	3	3	3	4	4
	B	2	3	3	3	4	4
	A	1	3	3	3	4	4

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X60LF	D	4	2	2	4	2	2
	C	4	2	2	4	2	2
	B	4	2	2	4	2	2
	A	4	2	2	4	2	2

spec ref	*	dr	Terran Huang	2010/07/09	projection	size	A4	scale	1:1
tolerance std	ISO 406 ISO 1101	eng	Rahul Mohan-M	2021/06/17		MM	ecn no	ELX-I-41237-1	
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	-				rel level	Released
surface	3.200 linear	appr	Kuriakose, San	2021/08/13	product family	METRAL		rev	CG
	ISO 1302	angular	0°	±2°	title	METRAL SIGNAL HEADER		dwg no	89073
			0.X ±0.3	0.XX ±0.13	cat. no.	-		Product - Customer Drw	sheet 5 of 9
			0.XXX ±0.050						
			www.fci.com						

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X61LF	D	4	4	2	2	3	3
	C	2	2	2	2	2	2
	B	2	2	2	2	2	2
	A	2	2	2	2	2	2
89073-X62LF	D	7	8	6	8	7	7
	C	7	8	6	8	7	7
	B	7	8	6	8	7	7
	A	7	8	6	8	7	7
89073-X63LF	D	1	2	2	1	2	2
	C	1	2	2	1	2	2
	B	1	2	2	1	2	2
	A	1	2	2	1	2	2
89073-X64LF	D	3	3	3	1	3	3
	C	3	3	3	1	3	3
	B	3	3	3	1	3	3
	A	3	3	3	1	3	3
89073-X65LF	D	4	4	4	4	4	4
	C	4	4	4	4	4	4
	B	4	4	4	4	4	2
	A	4	4	4	4	4	1
89073-X66LF	D	4	4	4	4	4	4
	C	4	4	4	4	4	2
	B	4	4	4	4	4	2
	A	4	4	4	4	4	1
89073-X67LF	D	4	4	4	4	3	3
	C	4	4	4	4	3	3
	B	4	4	4	4	3	3
	A	4	4	4	4	3	3
89073-X68LF	D	4	4	4	4	4	2
	C	4	4	4	4	4	2
	B	4	4	4	4	4	2
	A	4	4	4	4	4	1
89073-X69LF	D	2	2	2	2	3	3
	C	2	2	2	2	3	3
	B	2	2	2	2	3	3
	A	2	2	2	2	3	3
89073-X70LF	D	4	4	4	4	4	4
	C	19	19	19	19	19	19
	B	4	4	4	4	4	4
	A	19	19	19	4	4	4
89073-X71LF	D	2	3	3	2	4	2
	C	2	3	3	2	4	2
	B	2	3	3	2	4	2
	A	2	3	3	2	4	2
89073-X72LF	D	4	2	2	2	2	4
	C	4	2	2	2	2	4
	B	4	2	2	2	2	4
	A	4	2	2	2	2	4
89073-X73LF	D	-	-	-	-	-	-
	C	-	-	-	-	-	-
	B	-	-	-	-	-	-
	A	-	-	-	-	-	-
89073-X74LF	D	3	3	3	3	3	3
	C	4	4	4	3	3	3
	B	4	3	4	3	3	3
	A	4	4	4	3	3	3
89073-X75LF	D	11	11	11	11	11	11
	C	12	12	12	11	11	11
	B	12	11	12	11	11	11
	A	12	12	12	11	11	11
89073-X76LF	D	1	1	1	2	3	1
	C	2	1	1	2	2	1
	B	2	1	1	2	2	1
	A	2	1	1	2	2	1
89073-X77LF	D	1	3	2	3	2	3
	C	1	3	2	3	2	3
	B	1	3	2	3	2	3
	A	1	3	2	3	2	3
89073-X78LF	D	2	2	3	2	2	2
	C	2	2	3	2	2	2
	B	2	2	3	2	2	2
	A	2	2	3	2	2	2
89073-X79LF	D	2	3	2	3	2	3
	C	2	3	2	3	2	3
	B	2	3	2	3	2	3
	A	2	3	2	3	2	3
89073-X80LF	D	2	2	2	2	2	2
	C	2	2	2	2	2	2
	B	2	2	2	2	2	4
	A	2	2	2	2	2	2

spec ref *		dr <b>Terran Huang</b>		2010/07/09		projection		size <b>A4</b>		scale <b>1:1</b>	
tolerance std		eng <b>Rahul Mohan-M</b>		2021/06/17						ecn no <b>ELX-I-41237-1</b>	
<b>ISO 406</b> <b>ISO 1101</b>		chr <b>-</b>		<b>-</b>						rel level <b>Released</b>	
surface <b>3.200</b>		appr <b>Kuriakose, San</b>		2021/08/13		product family <b>METRAL</b>		dwg no <b>89073</b>		rev <b>CG</b>	
TOLERANCES UNLESS OTHERWISE SPECIFIED linear: 0.X ±0.3, 0.XX ±0.13, 0.XXX ±0.050 angular: 0° ±2°		<b>Amphenol FCI</b> <b>www.fci.com</b>		title <b>METRAL SIGNAL HEADER</b> <b>1 MOD, 4 ROW PRESS-FIT</b>		cat. no. <b>-</b>		Product - Customer Drw		sheet 6 of 9	

A

B

C

D

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X81LF	D	2	4	2	2	4	2
	C	2	4	2	2	4	2
	B	2	4	2	2	4	2
	A	2	4	2	2	4	2

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X86LF	D	1	1	1	1	3	3
	C	1	1	1	1	1	1
	B	1	1	1	1	1	1
	A	1	1	1	1	1	1

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X91LF	D	19	3	3	3	3	3
	C	19	3	3	2	3	3
	B	19	3	3	3	3	3
	A	19	3	1	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X96LF	D	2	-	2	-	2	2
	C	-	2	-	2	-	2
	B	2	-	2	-	2	2
	A	-	2	-	2	-	2

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X82LF	D	2	2	4	4	4	4
	C	2	2	4	2	2	4
	B	2	2	4	2	2	4
	A	2	2	4	2	2	4

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X87LF	D	2	-	2	2	2	-
	C	2	-	-	-	2	-
	B	-	-	-	-	2	-
	A	2	2	2	2	2	-

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X92LF	D	19	2	3	3	3	3
	C	19	3	3	3	3	3
	B	19	3	3	3	3	3
	A	19	3	1	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X97LF	D	6	6	6	6	6	6
	C	6	6	6	6	6	6
	B	6	6	6	6	6	8
	A	6	6	6	6	6	6

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X83LF	D	3	3	4	4	3	3
	C	3	3	4	4	3	3
	B	3	3	4	4	3	3
	A	3	3	4	4	3	3

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X88LF	D	1	-	-	1	1	1
	C	-	-	-	1	1	1
	B	-	-	-	1	1	1
	A	1	-	-	1	1	1

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X93LF	D	26	23	25	23	12	12
	C	23	23	25	23	12	12
	B	24	23	25	23	12	12
	A	23	23	25	23	12	12

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X98LF	D	6	7	7	6	8	8
	C	6	7	7	6	8	8
	B	6	7	7	6	8	8
	A	6	7	7	6	8	8

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X84LF	D	1	-	1	-	1	-
	C	1	1	-	1	-	1
	B	1	-	1	-	1	-
	A	1	1	-	1	-	1

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X89LF	D	3	3	2	2	2	2
	C	3	3	2	2	2	2
	B	3	3	2	2	2	2
	A	3	3	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X94LF	D	1	1	1	1	1	1
	C	1	1	1	1	1	1
	B	3	3	3	3	1	1
	A	3	3	3	3	1	1

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X99LF	D	3	3	3	3	3	3
	C	4	4	4	2	4	2
	B	4	3	4	2	4	2
	A	3	4	4	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X85LF	D	1	1	1	3	3	3
	C	19	19	19	19	19	19
	B	19	19	19	19	19	19
	A	19	19	19	19	19	19

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X90LF	D	3	3	3	3	1	19
	C	3	3	3	3	2	19
	B	3	3	3	3	3	19
	A	3	3	3	3	3	19

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X95LF	D	1	-	1	-	1	1
	C	-	1	-	1	-	1
	B	1	-	1	-	1	1
	A	-	1	-	1	-	1

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X100LF	D	4	4	4	4	2	4
	C	4	4	4	4	2	4
	B	4	4	4	4	2	4
	A	4	4	4	4	2	4

spec ref	*	dr	Terran Huang	2010/07/09	projection	size	A4	scale	1:1
tolerance std	ISO 406 ISO 1101	eng	Rahul Mohan-M	2021/06/17		MM	ecn no	ELX-I-41237-1	
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	-				rel level	Released
surface	3.200 linear	appr	Kuriakose, San	2021/08/13	product family	METRAL		rev	CG
	0.X ±0.3 0.XX ±0.13 0.XXX ±0.050	Amphenol FCI		title		METRAL SIGNAL HEADER		dwg no	89073
	ISO 1302 angular 0° ±2°	www.fci.com		cat. no.		-		Product - Customer Drw	
								sheet 7 of 9	

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X101LF	D	2	2	2	2	2	2
	C	2	1	2	2	2	2
	B	2	2	2	2	2	2
	A	3	3	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X106LF	D	4	2	2	2	2	2
	C	4	2	2	2	2	2
	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
89073-X111LF	D	2	2	4	4	2	2
	C	2	2	4	4	2	2
	B	2	2	4	4	2	2
	A	2	2	4	4	2	2

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X116LF	D	-	6	7	7	6	-
	C	-	6	7	7	6	-
	B	-	6	7	7	6	-
	A	-	6	7	7	6	-

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X102LF	D	6	8	8	6	20	20
	C	6	8	8	6	20	20
	B	6	8	8	6	20	20
	A	6	8	8	6	20	20

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X107LF	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
89073-X112LF	D	4	2	3	2	2	3
	C	4	2	3	2	2	3
	B	4	3	2	-	2	3
	A	4	3	1	-	2	3

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X117LF	D	3	3	3	3	3	3
	C	3	3	3	19	3	3
	B	3	3	3	3	3	3
	A	3	3	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X103LF	D	2	4	4	2	19	19
	C	2	4	4	2	19	19
	B	2	4	4	2	19	19
	A	2	4	4	2	19	19

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X108LF	D	2	2	2	2	3	2
	C	2	2	2	2	3	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
89073-X113LF	D	3	4	2	2	3	3
	C	3	4	2	2	3	3
	B	3	4	2	2	3	3
	A	3	4	2	2	-	3

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X118LF	D	2	2	2	3	2	2
	C	2	2	2	3	2	2
	B	2	2	2	3	2	2
	A	2	2	2	3	2	2

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X104LF	D	8	6	6	6	6	6
	C	8	6	6	6	6	6
	B	8	6	6	6	6	6
	A	8	6	6	6	6	6

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X109LF	D	2	2	2	2	2	2
	C	2	2	2	2	2	2
	B	2	2	2	2	2	2
	A	2	3	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X114LF	D	6	6	8	6	6	6
	C	6	6	8	6	6	6
	B	6	6	8	6	6	6
	A	6	6	8	6	6	6

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X119LF	D	3	3	3	2	2	2
	C	3	3	3	2	2	2
	B	3	3	3	2	2	2
	A	3	3	3	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X105LF	D	2	2	2	1	2	2
	C	2	2	2	4	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
89073-X110LF	D	2	3	3	2	4	4
	C	2	3	3	2	4	4
	B	2	3	3	2	4	4
	A	2	3	3	2	4	4

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X115LF	D	8	6	6	6	6	8
	C	8	6	6	6	6	8
	B	8	6	6	6	6	8
	A	8	6	6	6	6	8

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X120LF	D	6	6	5	5	7	6
	C	6	6	6	6	7	6
	B	6	6	6	6	7	6
	A	6	6	6	6	7	6

spec ref	*	dr	Terran Huang	2010/07/09	projection	size	A4	scale	1:1
tolerance std	ISO 406 ISO 1101	eng	Rahul Mohan-M	2021/06/17		MM	ecn no	ELX-I-41237-1	
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	-				rel level	Released
surface	3.200 linear	appr	Kuriakose, San	2021/08/13	product family	METRAL		rev	CG
	ISO 1302							89073	
	angular	0°	±2°	www.fci.com	cat. no.	-	Product - Customer Drw	sheet 8 of 9	



A

B

C

D

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X121LF	D	3	3	4	3	4	2
	C	3	3	4	3	4	2
	B	3	3	4	3	4	2
	A	3	3	4	3	4	2

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X126LF	D	4	2	2	2	2	2
	C	4	2	2	2	2	2
	B	4	2	2	2	2	4
	A	4	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X122LF	D	4	4	2	4	2	2
	C	2	2	2	4	4	4
	B	4	4	2	4	2	2
	A	2	2	2	4	4	4

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X127LF	D	25	23	23	23	23	23
	C	23	23	23	23	23	23
	B	23	23	23	23	23	23
	A	23	23	23	23	23	23


METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X123LF	D	2	3	2	2	2	2
	C	2	3	2	2	2	2
	B	2	3	2	2	2	2
	A	2	3	2	2	2	2

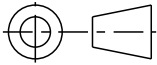




METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X128LF	D	3	2	1	1	1	1
	C	3	2	1	1	1	1
	B	3	2	1	1	1	1
	A	3	2	1	1	1	1

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X124LF	D	2	3	2	3	2	2
	C	2	3	2	3	2	2
	B	2	3	2	3	2	2
	A	2	3	2	3	2	2

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89073-X125LF	D	4	3	3	3	3	4
	C	4	3	3	3	3	4
	B	4	3	3	3	3	4
	A	4	3	3	3	3	4

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 OR XXXXX-XXXXPLF
- PRODUCT SPECIFICATION GS-12-180
- APPLICATION SPECIFICATION BUS-20-073
- AFTER INSERTION INTO CIRCUIT BOARD WITH QUALIFIED TOOL.
- THE PRODUCTS MEET THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004.
- ALL PRODUCTS WILL WITHSTAND EXPOSURE TO 260°C FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN. THE A<sub>0</sub> 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	Terran Huang	2010/07/09	projection		size	A4	scale	1:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Rahul Mohan-M	2021/06/17			ecn no	ELX-I-41237-1		
ISO 406 ISO 1101		chr	-	-			product family	METRAL		rel level
surface	3.200 linear	appr	Kuriakose, San	2021/08/13	METRAL		rel level	Released		
ISO 1302	angular	0°	±2°	www.fci.com	cat. no.	-	Product - Customer Drw	sheet 9 of 9		
		0.X	±0.3		METRAL SIGNAL HEADER			89073		
		0.XX	±0.13		1 MOD, 4 ROW PRESS-FIT					
		0.XXX	±0.050							