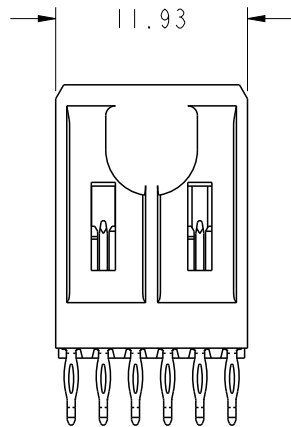
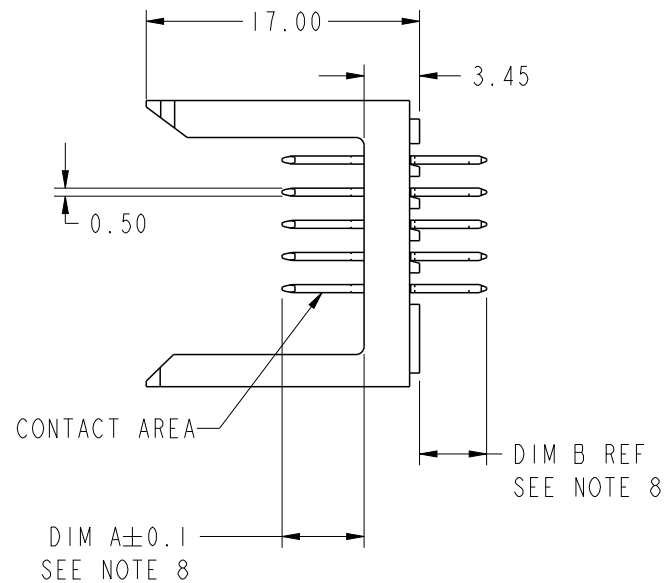
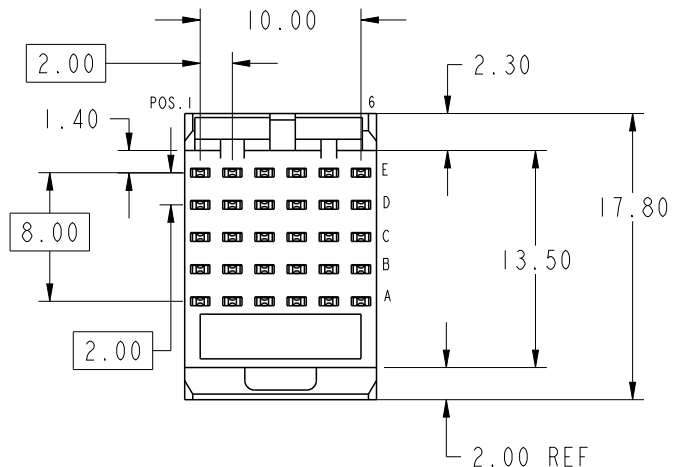


PRODUCT NUMBER

89006-XYLFF



spec ref	*	dr	Terran Huang	2010/07/08	projection	mm	size	A4	scale	2:1	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Stalin Alosius	2016/02/12			ecn no	ELX-I-22960-1			
ISO 406		chr	-	-			rel level	Released			
ISO 1101		appr	K-Paul Biju	2016/02/14	product family	METRAL					
surface	3.200 linear		www.fci.com	title	METRAL SIGNAL HEADER			dwg no	89006		rev
	0.X				±0.3	I MOD, 5 ROW PRESS-FIT			BG		
	0.XX				±0.13	cat. no.				-	
	0.XXX	±0.050									
	angular	0°	±2°								

ProjE File - REV C - 2009-06-09

METRAL P/N	ROW	CONTACT CODE MOD. I						METRAL P/N	ROW	CONTACT CODE MOD. I						METRAL P/N	ROW	CONTACT CODE MOD. I						METRAL P/N	ROW	CONTACT CODE MOD. I																					
		1	2	3	4	5	6			1	2	3	4	5	6			1	2	3	4	5	6			1	2	3	4	5	6																
89006-X10LF	E	1	1	1	1	1	1	89006-X14LF	E	4	4	4	4	4	4	89006-X19LF	E	4	4	4	4	4	4	89006-X23LF	E	8	8	8	8	8	8	89006-X27LF	E	6	6	6	6	6	6	89006-X32LF	E	12	12	12	12	12	12
	D	1	1	1	1	1	1		D	3	3	3	3	3	3		D	4	4	4	4	4	4		D	20	20	20	20	20	20		D	6	6	6	6	6	6		D	11	11	11	11	11	11
	C	1	1	1	1	1	1		C	4	4	4	4	4	4		C	4	4	4	4	4	4		C	8	8	8	8	8	8		C	6	6	6	6	6	6		C	11	11	11	11	11	11
	B	1	1	1	1	1	1		B	4	4	4	4	4	4		B	4	4	4	4	4	4		B	8	8	8	8	8	8		B	6	6	6	6	6	6		B	9	9	9	9	9	9
	A	1	1	1	1	1	1		A	4	4	4	4	4	4		A	4	4	4	4	4	4		A	8	8	8	8	8	8		A	20	20	20	20	20	20		A	9	9	9	9	9	9

METRAL P/N	ROW	CONTACT CODE MOD. I						METRAL P/N	ROW	CONTACT CODE MOD. I						METRAL P/N	ROW	CONTACT CODE MOD. I						METRAL P/N	ROW	CONTACT CODE MOD. I																					
		1	2	3	4	5	6			1	2	3	4	5	6			1	2	3	4	5	6			1	2	3	4	5	6																
89006-X11LF	E	3	3	3	3	3	3	89006-X15LF	E	1	1	1	1	1	1	89006-X20LF	E	5	5	5	5	5	5	89006-X24LF	E	8	8	8	8	8	8	89006-X29LF	E	8	8	8	8	8	8	89006-X33LF	E	12	12	12	12	12	12
	D	3	3	3	3	3	3		D	1	1	1	1	1	1		D	5	5	5	5	5	5		D	7	7	7	7	7	7		D	8	8	8	8	8	8		D	21	21	21	21	21	21
	C	3	3	3	3	3	3		C	1	1	1	1	1	1		C	5	5	5	5	5	5		C	8	8	8	8	8	8		C	8	8	8	8	8	8		C	12	12	12	12	12	12
	B	3	3	3	3	3	3		B	1	1	1	1	1	1		B	5	5	5	5	5	5		B	8	8	8	8	8	8		B	8	8	8	8	8	8		B	12	12	12	12	12	12
	A	3	3	3	3	3	3		A	3	3	3	3	3	3		A	5	5	5	5	5	5		A	8	8	8	8	8	8		A	8	8	8	8	8	8		A	12	12	12	12	12	12

METRAL P/N	ROW	CONTACT CODE MOD. I						METRAL P/N	ROW	CONTACT CODE MOD. I						METRAL P/N	ROW	CONTACT CODE MOD. I						METRAL P/N	ROW	CONTACT CODE MOD. I																					
		1	2	3	4	5	6			1	2	3	4	5	6			1	2	3	4	5	6			1	2	3	4	5	6																
89006-X12LF	E	4	4	4	4	4	4	89006-X16LF	E	2	2	2	2	2	2	89006-X21LF	E	7	7	7	7	7	7	89006-X25LF	E	5	5	5	5	5	5	89006-X30LF	E	9	9	9	9	9	9	89006-X34LF	E	12	12	12	12	12	12
	D	3	3	3	3	3	3		D	2	2	2	2	2	2		D	7	7	7	7	7	7		D	5	5	5	5	5	5		D	9	9	9	9	9	9		D	11	11	11	11	11	11
	C	3	3	3	3	3	3		C	2	2	2	2	2	2		C	7	7	7	7	7	7		C	5	5	5	5	5	5		C	9	9	9	9	9	9		C	12	12	12	12	12	12
	B	1	1	1	1	1	1		B	2	2	2	2	2	2		B	7	7	7	7	7	7		B	5	5	5	5	5	5		B	9	9	9	9	9	9		B	12	12	12	12	12	12
	A	1	1	1	1	1	1		A	2	2	2	2	2	2		A	7	7	7	7	7	7		A	7	7	7	7	7	7		A	9	9	9	9	9	9		A	12	12	12	12	12	12

METRAL P/N	ROW	CONTACT CODE MOD. I						METRAL P/N	ROW	CONTACT CODE MOD. I						METRAL P/N	ROW	CONTACT CODE MOD. I						METRAL P/N	ROW	CONTACT CODE MOD. I																					
		1	2	3	4	5	6			1	2	3	4	5	6			1	2	3	4	5	6			1	2	3	4	5	6																
89006-X13LF	E	4	4	4	4	4	4	89006-X17LF	E	2	2	2	2	2	2	89006-X22LF	E	8	8	8	8	8	8	89006-X26LF	E	6	6	6	6	6	6	89006-X31LF	E	11	11	11	11	11	11	89006-X35LF	E	9	9	9	9	9	9
	D	19	19	19	19	19	19		D	2	2	2	2	2	2		D	7	7	7	7	7	7		D	6	6	6	6	6	6		D	11	11	11	11	11	11		D	9	9	9	9	9	9
	C	4	4	4	4	4	4		C	2	2	2	2	2	2		C	7	7	7	7	7	7		C	6	6	6	6	6	6		C	11	11	11	11	11	11		C	9	9	9	9	9	9
	B	4	4	4	4	4	4		B	2	2	2	2	2	2		B	5	5	5	5	5	5		B	6	6	6	6	6	6		B	11	11	11	11	11	11		B	9	9	9	9	9	9
	A	4	4	4	4	4	4		A	19	19	19	19	19	19		A	5	5	5	5	5	5		A	6	6	6	6	6	6		A	11	11	11	11	11	11		A	11	11	11	11	11	11



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spec ref	*	dr	Terran Huang	2010/07/08	projection	mm	size	A4	scale	1:1	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Stalin Alosius	2016/02/12			ecn no	ELX-I-22960-1			
ISO 406		chr	-	-							
ISO 1101		appr	K-Paul Biju	2016/02/14	product family	METRAL	rel level	Released			
surface	3.200 inear		METRAL SIGNAL HEADER			dwg no	89006			rev	
	0.X										±0.3
	0.XX										±0.13
	0.XXX	±.050	www.fci.com			cat. no.			-		
ISO 1302	angular	0°	±2°			Product - Customer Drw			sheet 3 of 9		

1

2

3

4

A

A

B

B

C

C

D

D

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89006-X36LF	E	10	10	10	10	10	10
	D	10	10	10	10	10	10
	C	10	10	10	10	10	10
	B	10	10	10	10	10	10
	A	10	10	10	10	10	10

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89006-X41LF	E	2	2	2	2	2	2
	D	1	1	1	1	1	1
	C	2	2	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
89006-X45LF	E	1	1	1	1	1	1
	D	19	19	19	19	19	19
	C	1	1	1	1	1	1
	B	19	19	19	19	19	19
	A	1	1	1	1	1	1

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89006-X49LF	E	4	4	4	4	4	4
	D	3	3	3	3	3	3
	C	3	3	3	3	3	3
	B	3	3	3	3	3	3
	A	19	19	19	19	19	19

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89006-X53LF	E	6	6	6	6	6	6
	D	6	6	6	6	6	6
	C	6	6	6	6	6	6
	B	6	6	6	6	6	6
	A	8	8	8	8	8	8

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89006-X57LF	E	6	6	6	6	6	6
	D	7	7	7	7	7	7
	C	6	6	6	6	6	6
	B	6	6	6	6	6	6
	A	7	7	7	7	7	7

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89006-X37LF	E	10	10	10	10	10	10
	D	10	10	10	10	10	10
	C	10	10	10	10	10	10
	B	10	10	10	10	10	10
	A	21	21	21	21	21	21

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89006-X42LF	E	2	2	2	2	2	2
	D	4	4	4	4	4	4
	C	4	4	4	4	4	4
	B	3	3	3	3	3	3
	A	4	4	4	4	4	4

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89006-X46LF	E	2	2	2	2	2	2
	D	2	2	2	2	2	2
	C	4	4	4	4	4	4
	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
89006-X50LF	E	6	6	6	6	6	6
	D	6	6	6	6	6	6
	C	6	6	6	6	6	6
	B	8	8	8	8	8	8
	A	6	6	6	6	6	6

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89006-X54LF	E	5	5	5	5	5	5
	D	7	7	7	7	7	7
	C	8	8	8	8	8	8
	B	7	7	7	7	7	7
	A	5	5	5	5	5	5

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89006-X58LF	E	20	20	20	20	20	20
	D	20	20	20	20	20	20
	C	20	20	20	20	20	20
	B	20	20	20	20	20	20
	A	20	20	20	20	20	20

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89006-X39LF	E	12	12	12	12	12	12
	D	12	12	12	12	12	12
	C	12	12	12	12	12	12
	B	12	12	12	12	12	12
	A	12	12	12	12	12	12

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89006-X43LF	E	2	2	2	2	2	2
	D	2	2	2	2	2	2
	C	2	2	2	2	2	2
	B	2	2	2	2	2	2
	A	4	4	4	4	4	4

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89006-X47LF	E	2	2	2	2	2	2
	D	3	3	3	3	3	3
	C	2	2	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
89006-X51LF	E	6	6	6	6	6	6
	D	5	5	5	5	5	5
	C	6	6	6	6	6	6
	B	6	6	6	6	6	6
	A	7	7	7	7	7	7

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89006-X55LF	E	5	5	5	5	5	5
	D	20	20	20	20	20	20
	C	5	5	5	5	5	5
	B	20	20	20	20	20	20
	A	5	5	5	5	5	5

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89006-X59LF	E	8	8	8	8	8	8
	D	7	7	7	7	7	7
	C	7	7	7	7	7	7
	B	7	7	7	7	7	7
	A	20	20	20	20	20	20

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89006-X40LF	E	2	2	2	2	2	2
	D	2	2	2	2	2	2
	C	2	2	2	2	2	2
	B	4	4	4	4	4	4
	A	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89006-X44LF	E	1	1	1	1	1	1
	D	3	3	3	3	3	3
	C	4	4	4	4	4	4
	B	3	3	3	3	3	3
	A	1	1	1	1	1	1

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89006-X48LF	E	19	19	19	19	19	19
	D	19	19	19	19	19	19
	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
89006-X52LF	E	6	6	6	6	6	6
	D	8	8	8	8	8	8
	C	8	8	8	8	8	8
	B	7	7	7	7	7	7
	A	8	8	8	8	8	8

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89006-X56LF	E	6	6	6	6	6	6
	D	6	6	6	6	6	6
	C	8	8	8	8	8	8
	B	6	6	6	6	6	6
	A	6	6	6	6	6	6

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89006-X60LF	E	10	10	10	10	10	10
	D	10	10	10	10	10	10
	C	10	10	10	10	10	10
	B	12	12	12	12	12	12
	A	10	10	10	10	10	10



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spec ref	*	dr	Terran Huang	2010/07/08	projection	mm	size	A4	scale	1:1		
tolerance std	ISO 406 ISO 1101	eng	Stalin Alosius	2016/02/12			ecn no				ELX-I-22960-1	
surface	3.200 linear	chr	-	-			rel level				Released	
	ISO 1302	appr	K-Paul Biju	2016/02/14	product family			METRAL				
	0.X ±0.3 0.XX ±0.13 0.XXX ±.050			title			METRAL SIGNAL HEADER			dwg no	89006	
	angular 0° ±2°	www.fci.com		part no.			-			Product - Customer Drw	rev	BG
											sheet 4 of 9	

PreE File - REV C - 2009-06-09

2

3

PDS: Rev :BG

STATUS:Released

Printed: Feb 15, 2016



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METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89006-X61LF	E	10	10	10	10	10	10
	D	9	9	9	9	9	9
	C	10	10	10	10	10	10
	B	10	10	10	10	10	10
	A	11	11	11	11	11	11
89006-X62LF	E	10	10	10	10	10	10
	D	12	12	12	12	12	12
	C	12	12	12	12	12	12
	B	11	11	11	11	11	11
	A	12	12	12	12	12	12
89006-X63LF	E	10	10	10	10	10	10
	D	10	10	10	10	10	10
	C	10	10	10	10	10	10
	B	10	10	10	10	10	10
	A	12	12	12	12	12	12
89006-X64LF	E	9	9	9	9	9	9
	D	11	11	11	11	11	11
	C	12	12	12	12	12	12
	B	11	11	11	11	11	11
	A	9	9	9	9	9	9

spec ref	*	dr	Terran Huang	2010/07/08	projection	mm	size	A4	scale	1:1	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Stalin Alosius	2016/02/12			ecn no	ELX-I-22960-1			
ISO 406		chr	-	-			rel level	Released			
ISO 1101		appr	K-Paul Biju	2016/02/14	product family	METRAL			rev	BG	
surface	3.2				METRAL SIGNAL HEADER			89006			
near	0.X										±0.3
angular	0°										±2°
ISO 1302		www.fci.com	cat. no.	-	Product - Customer Drw	sheet 5 of 9					



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METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89006-X109LF	E	59	59	59	59	59	59
	D	59	59	59	59	59	59
	C	59	59	59	59	59	59
	B	59	59	59	59	59	59
	A	77	77	77	77	77	77
89006-X113LF	E	66	66	66	66	66	66
	D	66	66	66	66	66	66
	C	66	66	66	66	66	66
	B	66	66	66	66	66	66
	A	66	66	66	66	66	66
89006-X117LF	E	66	66	66	66	66	66
	D	66	66	66	66	66	66
	C	66	66	66	66	66	66
	B	66	66	66	66	66	66
	A	66	66	66	66	66	66
89006-X121LF	E	86	66	66	66	66	66
	D	86	66	66	66	66	66
	C	56	66	66	66	66	66
	B	86	66	66	66	66	66
	A	86	66	66	66	66	66
89006-X125LF	E	66	66	66	66	66	66
	D	66	66	66	66	66	66
	C	20	20	20	20	20	20
	B	66	66	66	66	66	66
	A	66	66	66	66	66	66
89006-X129LF	E	22	22	22	22	44	44
	D	22	22	22	22	44	44
	C	22	22	22	22	44	44
	B	22	22	22	22	44	44
	A	22	22	22	22	22	22
89006-X110LF	E	32	22	22	22	22	22
	D	32	22	22	22	22	22
	C	32	22	22	22	22	22
	B	32	22	22	22	22	22
	A	32	22	22	22	22	22
89006-X114LF	E	42	23	32	42	42	42
	D	42	23	32	42	42	42
	C	42	23	32	42	42	42
	B	42	23	32	42	42	42
	A	42	23	32	42	42	42
89006-X118LF	E	86	66	66	66	66	66
	D	86	66	66	66	66	66
	C	86	66	66	66	66	66
	B	86	66	66	66	66	66
	A	86	66	66	66	66	66
89006-X122LF	E	33	32	22	22	22	22
	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
89006-X126LF	E	22	24	42	22	22	22
	D	22	24	42	22	22	22
	C	22	24	42	22	22	22
	B	22	24	42	22	22	22
	A	22	22	22	22	22	22
89006-X130LF	E	22	22	22	22	22	22
	D	44	44	44	44	44	44
	C	44	44	44	44	44	44
	B	44	44	44	44	44	44
	A	22	22	22	22	22	22
89006-X111LF	E	22	22	22	22	23	23
	D	22	22	22	22	23	23
	C	22	22	22	22	23	23
	B	22	22	22	22	23	23
	A	22	22	22	22	23	23
89006-X115LF	E	22	22	12	22	22	22
	D	22	22	12	22	22	22
	C	22	22	12	22	22	22
	B	22	22	12	22	22	22
	A	12	22	12	22	22	22
89006-X119LF	E	22	22	22	22	22	22
	D	22	22	22	22	22	22
	C	12	22	22	22	22	22
	B	12	22	22	22	22	22
	A	12	22	22	22	22	22
89006-X123LF	E	22	22	22	22	22	22
	D	22	22	22	22	22	22
	C	19	19	19	19	19	19
	B	22	22	22	22	22	22
	A	22	22	22	22	22	22
89006-X127LF	E	22	42	22	22	22	22
	D	24	42	22	22	22	22
	C	24	42	22	22	22	22
	B	24	42	22	22	22	22
	A	22	42	22	22	22	22
89006-X131LF	E	86	66	86	66	66	66
	D	86	66	86	66	66	66
	C	88	88	88	56	66	66
	B	86	66	86	66	66	66
	A	86	66	86	66	66	66
89006-X112LF	E	76	66	66	66	66	66
	D	76	66	66	66	66	66
	C	76	66	66	66	66	66
	B	76	66	66	66	66	66
	A	76	66	66	66	66	66
89006-X116LF	E	56	66	66	66	66	66
	D	56	66	66	66	66	66
	C	56	66	66	66	66	66
	B	56	66	66	66	66	66
	A	56	66	66	66	66	66
89006-X120LF	E	22	22	22	22	42	42
	D	22	22	22	22	42	42
	C	22	22	22	22	42	42
	B	22	22	22	22	42	42
	A	22	22	22	22	42	42
89006-X124LF	E	22	22	12	22	22	22
	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
89006-X128LF	E	22	22	42	22	22	22
	D	22	22	42	42	22	22
	C	22	22	42	42	22	22
	B	22	22	42	42	22	22
	A	22	22	42	22	22	22
89006-X132LF	E	86	76	66	66	66	66
	D	86	76	66	66	66	66
	C	56	66	86	66	66	66
	B	88	78	86	66	66	66
	A	88	78	86	66	66	66

spec ref	*	dr	Terran Huang	2010/07/08	projection	mm	size	A4	scale	1:1
tolerance std	ISO 406 ISO 1101	eng	Stalin Alosius	2016/02/12			ecn no	ELX-I-22960-1		
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	-				rel level	Released	
surface	3.200 linear	appr	K-Paul Biju	2016/02/14	product family		METRAL		rev	BG
	0.X ±0.3			title		METRAL SIGNAL HEADER		dwg no	89006	
	0.XX ±0.13	www.fci.com		1 MOD, 5 ROW PRESS-FIT		Product - Customer Drw		sheet 7 of 9		
	0.XXX ±0.050									
	angular 0° ±2°									

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METRAL P/N	ROW	CONTACT CODE MOD. I						METRAL P/N	ROW	CONTACT CODE MOD. I						METRAL P/N	ROW	CONTACT CODE MOD. I						METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6			1	2	3	4	5	6			1	2	3	4	5	6			1	2	3	4	5	6
89006-X133LF	E	2	2	2	2	2	89006-X137LF	E	2	2	2	3	3	89006-X141LF	E	1	1	1	1	3	3	89006-X145LF	E	5	5	1	1	7	5		
	D	2	2	2	2	2		D	2	2	2	3	3		2	D	1	1	1	1	3		3	D	5	5	1	1	7	5	
	C	2	2	2	2	2		C	2	2	2	3	3		2	C	3	3	3	3	3		3	C	5	5	1	1	7	7	
	B	2	2	2	2	2		B	2	2	2	3	3		2	B	1	1	1	1	3		1	B	5	5	1	1	7	5	
	A	2	2	1	2	2		A	2	2	2	3	3		2	A	1	1	1	1	3		1	A	5	5	1	1	7	5	
89006-X134LF	E	2	2	2	2	2	89006-X138LF	E	2	3	2	2	2	89006-X142LF	E	2	2	2	3	3	89006-X146LF	E	3	2	2	2	2	BG			
	D	2	2	2	2	2		D	2	3	2	2	2		D	2	2	2	3	3		D	3	2	2	2	2		1		
	C	2	2	3	3	2		C	2	3	2	2	2		C	2	2	2	3	3		C	3	2	2	2	2		1		
	B	2	2	2	2	2		B	2	3	2	2	2		B	2	2	2	3	3		B	3	2	2	2	2		1		
	A	2	2	2	2	2		A	2	2	2	2	2		A	2	2	2	3	3		A	3	2	2	2	2		1		
89006-X135LF	E	2	3	2	2	2	89006-X139LF	E	59	59	11	6	6	89006-X143LF	E	3	1	3	1	3	89006-X147LF	E	1	1	1	1	1	BG			
	D	2	3	2	2	2		D	59	59	11	6	6		D	3	1	3	1	3		D	1	1	1	1	1		1		
	C	2	3	2	2	2		C	59	59	11	6	6		C	3	3	3	1	3		C	3	3	3	3	3		3		
	B	2	3	2	2	2		B	59	59	11	6	6		B	3	1	3	1	3		B	1	1	1	1	1		1		
	A	2	2	2	2	2		A	59	59	11	6	6		A	3	1	3	1	3		A	1	1	1	1	1		1		
89006-X136LF	E	2	3	2	3	2	89006-X140LF	E	1	1	1	1	1	89006-X144LF	E	7	5	5	5	5											
	D	2	3	2	3	2		D	1	1	1	1	3		D	7	5	5	5	5											
	C	2	3	2	3	2		C	1	1	1	1	1		C	7	5	5	5	5											
	B	2	3	2	3	2		B	1	1	1	1	1		B	7	5	5	5	5											
	A	2	3	2	3	2		A	1	1	1	1	1		A	7	5	5	5	5											

spec ref	*	dr	Terran Huang	2010/07/08	projection	mm	size	A4	scale	1:1	
tolerance std	ISO 406 ISO 1101	eng	Stalin Alosius	2016/02/12			ecn no	ELX-I-22960-1			
surface	3.200 linear	chr	-	-				rel level	Released		
	ISO 1302	appr	K-Paul Biju	2016/02/14	product family	METRAL			rev		
	angular	0°	±2°		title	METRAL SIGNAL HEADER			dwg no	89006	
		0.X	±0.3	www.fci.com	1 MOD, 5 ROW PRESS-FIT					rev	BG
		0.XX	±0.13	cat. no.	-	Product - Customer Drw				sheet 8 of 9	
		0.XXX	±.050								

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PRODUCT NUMBER

89006-XYLFL

NOTES:

1. FOR DIM A AND B SEE SHEET 2 AND UP.
2. BODY MATERIAL: LIQUID CRYSTAL
POLYMER 30 % GLASS.
FLAME RETARDANT ACC. UL 94-V0.
3. PIN MATERIAL:
PHOSPHOR BRONZE.
4. PLATING ON PRESS-FIT TAIL:
73931-XYLFL IS SN (LEAD FREE)
PLATING ON CONTACT AREA CONFORMS TO PERFORMANCE
LEVEL SHOWN IN TABLE BELOW.
5. PRODUCT MARKING:
PART NUMBER DESIGNATION & BATCH I.D.
6. 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-XXXP
7. PRODUCT SPECIFICATION GS-12-180
APPLICATION SPECIFICATION BUS-20-073

PLATING IN CONTACT AREA		
DASH NUMBER	PERFORMANCE LEVEL	NOTES
-NIYY	TELCORDIA CO (NXT) IEC CLASS I	SEE NOTE 9
-N5YFLF	TELCORDIA UE (NXT)	SEE NOTE 9
-1YYLF	TELCORDIA CO IEC CLASS I	SEE NOTE 9
-2YYLF	TELECOM CLASS	SEE NOTE 9
-5YYLF	TELCORDIA UE	SEE NOTE 9

8. AFTER INSERTION INTO CIRCUIT BOARD WITH
QUALIFIED TOOL.
9. THE PRODUCTS WHERE THE PART NUMBER ENDS IN LF MEET THE
EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS
AS DESCRIBED IN GS-47-0004.

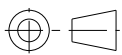
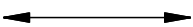
ALL PRODUCTS EXCEPT THOSE WITH PART NUMBERS CONTAINING
(DRAWING NO.)-N1--- OR (DRAWING NO.)-N5---WILL WITHSTAND EXPOSURE
TO 260°C FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR
VAPOR PHASE REFLOW OVEN. PART NUMBERS (DRAWING NO.)-N1---
AND (DRAWINGS NO.)-N5---WILL NOT WITHSTAND REFLOW AND Au CONTACT
SURFACE OF THE CONTACTS SHALL BE EXPOSED TO A MAXIMUM 140°C FOR
NO LONGER THAN 15 SECONDS IN A WAVE SOLDER APPLICATION.

10. -A PLATING HAS Au FLASH IN PRESS FIT AREA (LEAD FREE)

11. A  SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE
WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.



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spec ref *		dr Terran Huang		2010/07/08		projection		size A4		scale 1:1	
tolerance std		eng Stalin Alosius		2016/02/12						ecn no ELX-I-22960-1	
ISO 406 ISO 1101		chr -		-						rel level Released	
surface 3.200 linear		appr K-Paul Biju		2016/02/14		product family METRAL		rev		89006	
ISO 1302		angular 0°		±2°		www.fci.com		title METRAL SIGNAL HEADER		cat. no. -	
		0.X ±0.3		0.XX ±0.13		0.XXX ±.050		dwg no		Product - Customer Drw	
		FCI		1 MOD, 5 ROW PRESS-FIT		www.fci.com		Product - Customer Drw		sheet 9 of 9	
		www.fci.com		cat. no. -		Product - Customer Drw		sheet 9 of 9		rev BG	