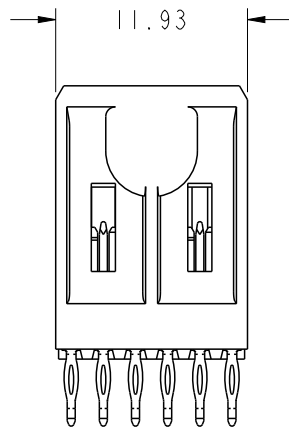
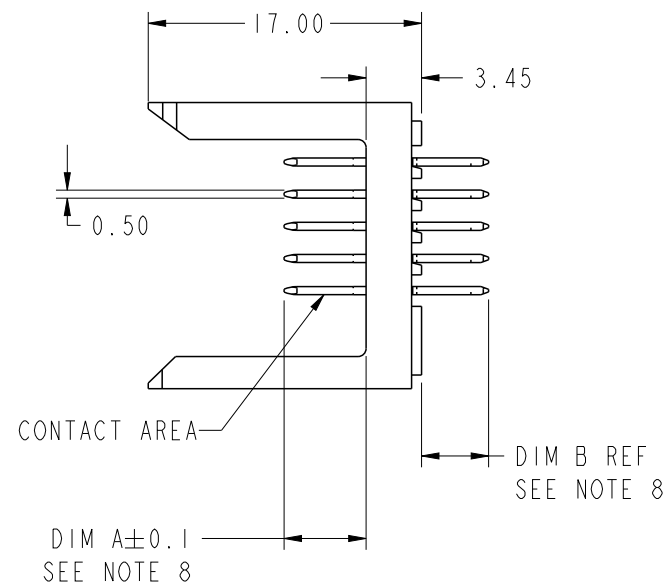
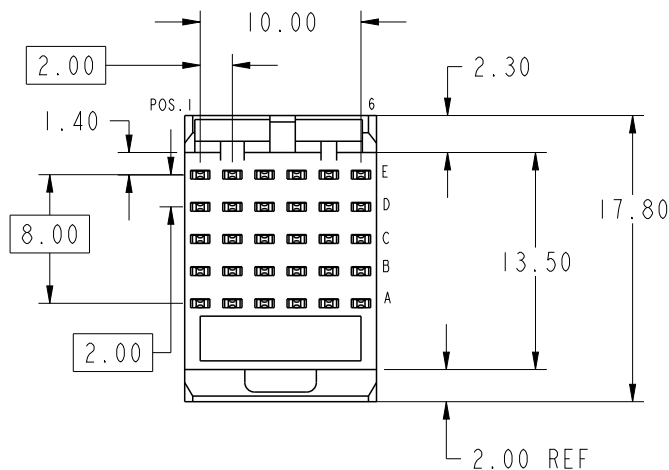
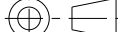


PRODUCT NUMBER

89006-XY

89006-XYLF



spec ref		*		dr	Terran Huang	2010/07/08	projection 	mm 	size	A4	scale	2:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Michael Song	2014/12/02			ecn no	ELX-DG-19567-1			
ISO 406 ISO 1101				chr	Tian-Zhao Lin	2014/12/03			rel level			Released	
				appr	Collins Lu	2014/12/03	product family		METRAL				
surface	3.200 linear	0.X	±0.3		title METRAL SIGNAL HEADER I MOD, 5 ROW PRESS-FIT				dwg no	89006		rev	BF
		0.XX	±0.13										
		0.XXX	±.050										
ISO 1302	angular	0°	±2°	www.fci.com	cat. no.		-	Product - Customer Drw			sheet 1 of 9		

PrintE File - REV C - 2009-06-09

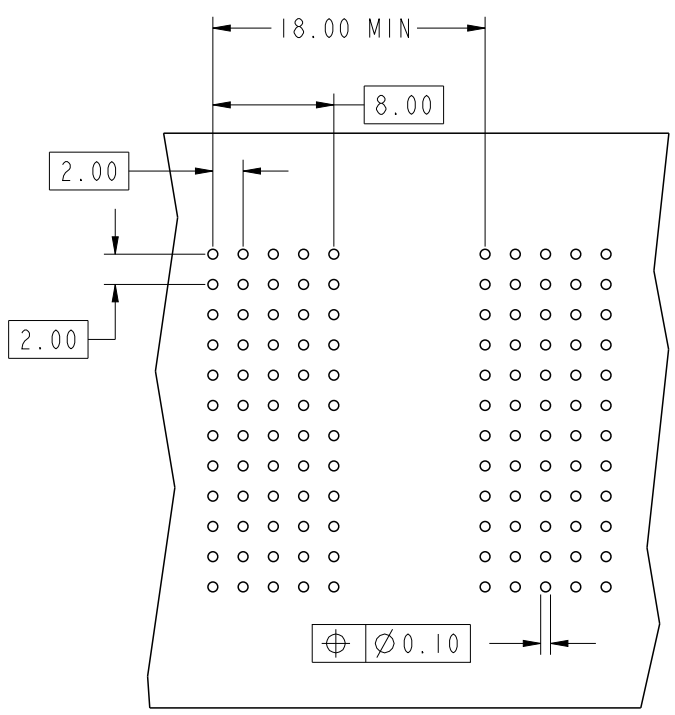
PDS: Rev :BF

STATUS:Released

Printed: Dec 03, 2014

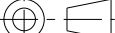


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REQUIRED PC BOARD LAYOUT
COMPONENT SIDE
SEE PRINT 58351 FOR
ADDITIONAL PCB INFORMATION

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
9	5.00	17.00
10	5.75	17.00
11	6.50	17.00
12	7.25	17.00
13	8.25	4.30
14	8.25	13.60
15	8.25	17.00
16	7.00	4.30
17	7.00	13.60
18	7.00	17.00
19	8.00	4.30
20	8.00	13.60
21	8.00	17.00
59	5.00	11.80

spec ref *				dr	Terran Huang	2010/07/08	projection 	mm 	size	A4	scale	2:1
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Michael Song	2014/12/02			ecn no		ELX-DG-19567-1	
				chr	Tian-Zhao Lin	2014/12/03			rel level		Released	
				appr	Collins Lu	2014/12/03	product family		METRAL			
surface 3.200 linear  ISO 1302		0.X	±0.3		title METRAL SIGNAL HEADER 1 MOD, 5 ROW PRESS-FIT				dwg no	89006		rev BF
		0.XX	±0.13									
		0.XXX	±0.050									
angular		0°	±2°	www.fci.com	cat. no.		-		Product - Customer Drw		sheet 2 of 9	

CPro/E File - REV C - 2009-06-09



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METRAL P/N		ROW	CONTACT CODE MOD. I					
123456								
89006-X36 SEE NOTE 10 LEAD FREE OPTION	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					
123456								
89006-X41 SEE NOTE 10 LEAD FREE OPTION	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					
123456								
89006-X45 SEE NOTE 10 LEAD FREE OPTION	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					
123456								
89006-X49 SEE NOTE 10 LEAD FREE OPTION	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					
123456								
89006-X53 SEE NOTE 10 LEAD FREE OPTION	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					
123456								
89006-X57 SEE NOTE 10 LEAD FREE OPTION	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					
123456								
89006-X37 SEE NOTE 10 LEAD FREE OPTION	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					
123456								
89006-X42 SEE NOTE 10 LEAD FREE OPTION	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					
123456								
89006-X46 SEE NOTE 10 LEAD FREE OPTION	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					
123456								
89006-X50 SEE NOTE 10 LEAD FREE OPTION	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					
123456								
89006-X54 SEE NOTE 10 LEAD FREE OPTION	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					
123456								
89006-X39 SEE NOTE 10 LEAD FREE OPTION	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					
123456								
89006-X43 SEE NOTE 10 LEAD FREE OPTION	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					
123456								
89006-X47 SEE NOTE 10 LEAD FREE OPTION	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					
123456								
89006-X51 SEE NOTE 10 LEAD FREE OPTION	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					
123456								
89006-X55 SEE NOTE 10 LEAD FREE OPTION	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					
123456								
89006-X59 SEE NOTE 10 LEAD FREE OPTION	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					
123456								
89006-X40 SEE NOTE 10 LEAD FREE OPTION	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					
123456								
89006-X44 SEE NOTE 10 LEAD FREE OPTION	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					
123456								
89006-X48 SEE NOTE 10 LEAD FREE OPTION	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					
123456								
89006-X52 SEE NOTE 10 LEAD FREE OPTION	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	

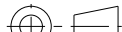
METRAL P/N		ROW	CONTACT CODE MOD. I					
123456								
89006-X56 SEE NOTE 10 LEAD FREE OPTION	E	6	6	6	6	6	6	
	D	6	6	6	6	6	6	
	C	8	8	8	8	8	8	
	B	6	6	6	6	6	6	
	A	6	6	6	6	6	6	

METRAL P/N		ROW	CONTACT CODE MOD. I					
123456								
89006-X60 SEE NOTE 10 LEAD FREE OPTION	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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A	1						2						3						4					
	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
			E	10	10	10	10	10			E	9	9	9	9	9			E	7	7	7	7	7
			D	9	9	9	9	9			D	21	21	21	21	21			D	20	20	20	20	20
			C	10	10	10	10	10			C	9	9	9	9	9			C	7	7	7	7	7
B	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
			E	10	10	10	10	10			E	10	10	10	10	10			E	20	20	20	20	20
			D	12	12	12	12	12			D	10	10	10	10	10			D	5	5	5	5	5
			C	12	12	12	12	12			C	12	12	12	12	12			C	5	5	5	5	5
C	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
			E	10	10	10	10	10			E	10	10	10	10	10			E	8	8	8	8	8
			D	10	10	10	10	10			D	11	11	11	11	11			D	8	8	8	8	8
			C	10	10	10	10	10			C	10	10	10	10	10			C	8	8	8	8	8

spec ref		*		dr	Terran Huang	2010/07/08	projection 	mm 	size	A4	scale	1:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Michael Song	2014/12/02			ecn no	ELX-DG-19567-1			
ISO 406 ISO 1101				chr	Tian-Zhao Lin	2014/12/03			rel level				
				appr	Collins Lu	2014/12/03	product family		METRAL		Released		
surface 	3.2	linear	0.X	±0.3		title METRAL SIGNAL HEADER 1 MOD, 5 ROW PRESS-FIT				dwg no	89006		rev
			0.XX	±0.13									
			0.XXX	±0.050									
ISO 1302		angular	0°	±2°	www.fci.com	cat. no.		-		Product - Customer Drw		sheet 5 of 9	



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METRAL P/N		CONTACT CODE MOD. I					
ROW		1	2	3	4	5	6
89006-X85 SEE NOTE 10 LEAD FREE OPTION	E	7	7	7	7	7	7
	D	7	7	7	7	7	7
	C	6	6	6	6	6	6
	B	7	7	7	7	7	7
A	7	7	7	7	7	7	

METRAL P/N		CONTACT CODE MOD. I					
ROW		1	2	3	4	5	6
89006-X89 SEE NOTE 10 LEAD FREE OPTION	E	7	7	7	7	7	7
	D	7	7	7	7	7	7
	C	8	8	8	8	8	8
	B	17	17	17	17	17	17
A	20	20	20	20	20	20	

METRAL P/N		CONTACT CODE MOD. I					
ROW		1	2	3	4	5	6
89006-X93 SEE NOTE 10 LEAD FREE OPTION	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	15	15	15	15	15	15	

METRAL P/N		CONTACT CODE MOD. I					
ROW		1	2	3	4	5	6
89006-X97 SEE NOTE 10 LEAD FREE OPTION	E	11	11	11	11	11	11
	D	21	21	21	21	21	21
	C	12	12	12	12	12	12
	B	11	11	11	11	11	11
A	11	11	11	11	11	11	

METRAL P/N		CONTACT CODE MOD. I					
ROW		1	2	3	4	5	6
89006-X101 SEE NOTE 10 LEAD FREE OPTION	E	1	1	4	4	4	4
	D	1	1	4	4	4	4
	C	1	1	4	4	4	4
	B	1	1	4	4	4	4
A	1	1	4	4	4	4	

METRAL P/N		CONTACT CODE MOD. I					
ROW		1	2	3	4	5	6
89006-X105 SEE NOTE 10 LEAD FREE OPTION	E	19	2	19	2	2	2
	D	19	2	19	2	2	2
	C	19	2	19	2	2	2
	B	19	2	19	2	2	2
A	19	2	19	2	2	2	

METRAL P/N		CONTACT CODE MOD. I					
ROW		1	2	3	4	5	6
89006-X86 SEE NOTE 10 LEAD FREE OPTION	E	5	5	5	5	5	5
	D	5	5	5	5	5	5
	C	5	5	5	5	5	5
	B	5	5	5	5	5	5
A	8	8	8	8	8	8	

METRAL P/N		CONTACT CODE MOD. I					
ROW		1	2	3	4	5	6
89006-X90 SEE NOTE 10 LEAD FREE OPTION	E	10	10	10	10	10	10
	D	10	10	10	10	10	10
	C	11	11	11	11	11	11
	B	10	10	10	10	10	10
A	10	10	10	10	10	10	

METRAL P/N		CONTACT CODE MOD. I					
ROW		1	2	3	4	5	6
89006-X94 SEE NOTE 10 LEAD FREE OPTION	E	15	15	15	15	15	15
	D	12	12	12	12	12	12
	C	11	11	11	11	11	11
	B	12	12	12	12	12	12
A	15	15	15	15	15	15	

METRAL P/N		CONTACT CODE MOD. I					
ROW		1	2	3	4	5	6
89006-X98 SEE NOTE 10 LEAD FREE OPTION	E	15	15	15	15	15	15
	D	18	18	18	18	18	18
	C	10	10	10	10	10	10
	B	18	18	18	18	18	18
A	15	15	15	15	15	15	

METRAL P/N		CONTACT CODE MOD. I					
ROW		1	2	3	4	5	6
89006-X102 SEE NOTE 10 LEAD FREE OPTION	E	19	2	19	2	2	2
	D	19	2	19	2	2	2
	C	19	1	19	2	2	2
	B	19	2	19	2	2	2
A	19	2	19	2	2	2	

METRAL P/N		CONTACT CODE MOD. I					
ROW		1	2	3	4	5	6
89006-X106 SEE NOTE 10 LEAD FREE OPTION	E	19	2	19	2	2	2
	D	19	2	19	2	2	1
	C	19	2	19	2	2	2
	B	19	2	19	2	2	2
A	19	2	19	2	2	2	

METRAL P/N		CONTACT CODE MOD. I					
ROW		1	2	3	4	5	6
89006-X87 SEE NOTE 10 LEAD FREE OPTION	E	7	7	7	7	7	7
	D	20	20	20	20	20	20
	C	8	8	8	8	8	8
	B	7	7	7	7	7	7
A	7	7	7	7	7	7	

METRAL P/N		CONTACT CODE MOD. I					
ROW		1	2	3	4	5	6
89006-X91 SEE NOTE 10 LEAD FREE OPTION	E	11	11	11	11	11	11
	D	21	21	21	21	21	21
	C	11	11	11	11	11	11
	B	21	21	21	21	21	21
A	11	11	11	11	11	11	

METRAL P/N		CONTACT CODE MOD. I					
ROW		1	2	3	4	5	6
89006-X95 SEE NOTE 10 LEAD FREE OPTION	E	11	11	11	11	11	11
	D	11	11	11	11	11	11
	C	10	10	10	10	10	10
	B	11	11	11	11	11	11
A	11	11	11	11	11	11	

METRAL P/N		CONTACT CODE MOD. I					
ROW		1	2	3	4	5	6
89006-X99 SEE NOTE 10 LEAD FREE OPTION	E	11	11	11	11	11	11
	D	11	11	11	11	11	11
	C	12	12	12	12	12	12
	B	18	18	18	18	18	18
A	21	21	21	21	21	21	

METRAL P/N		CONTACT CODE MOD. I					
ROW		1	2	3	4	5	6
89006-X103 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	19	2	2
	D	2	2	2	19	2	2
	C	2	1	2	19	2	2
	B	2	19	19	19	2	2
A	2	19	19	2	2	2	

METRAL P/N		CONTACT CODE MOD. I					
ROW		1	2	3	4	5	6
89006-X107 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	2	2	2
	D	2	2	2	2	2	1
	C	2	2	2	2	2	2
	B	2	2	2	2	2	2
A	2	2	2	2	2	2	

METRAL P/N		CONTACT CODE MOD. I					
ROW		1	2	3	4	5	6
89006-X88 SEE NOTE 10 LEAD FREE OPTION	E	14	14	14	14	14	14
	D	17	17	17	17	17	17
	C	6	6	6	6	6	6
	B	17	17	17	17	17	17
A	14	14	14	14	14	14	

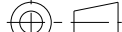
METRAL P/N		CONTACT CODE MOD. I					
ROW		1	2	3	4	5	6
89006-X92 SEE NOTE 10 LEAD FREE OPTION	E	21	21	21	21	21	21
	D	9	9	9	9	9	9
	C	9	9	9	9	9	9
	B	9	9	9	9	9	9
A	21	21	21	21	21	21	

METRAL P/N		CONTACT CODE MOD. I					
ROW		1	2	3	4	5	6
89006-X96 SEE NOTE 10 LEAD FREE OPTION	E	9	9	9	9	9	9
	D	9	9	9	9	9	9
	C	9	9	9	9	9	9
	B	9	9	9	9	9	9
A	12	12	12	12	12	12	

METRAL P/N		CONTACT CODE MOD. I					
ROW		1	2	3	4	5	6
89006-X100 SEE NOTE 10 LEAD FREE OPTION	E	1	3	2	3	1	3
	D	1	3	2	3	1	3
	C	1	3	2	3	1	3
	B	1	3	2	3	1	3
A	1	3	2	3	1	3	

METRAL P/N		CONTACT CODE MOD. I					
ROW		1	2	3	4	5	6
89006-X104 SEE NOTE 10 LEAD FREE OPTION	E	19	2	2	2	2	2
	D	19	2	2	2	2	2
	C	19	2	2	2	2	1
	B	19	2	2	2	2	2
A	19	2	2	2	2	2	

METRAL P/N		CONTACT CODE MOD. I					
ROW		1	2	3	4	5	6
89006-X108 SEE NOTE 10 LEAD FREE OPTION	E	19	19	2	2	2	2
	D	19	19	2	1	2	2
	C	19	19	2	2	2	2
	B	19	19	2	2	2	2
A	19	2	2	2	2	2	

spec ref *				dr	Terran Huang	2010/07/08	projection 	mm 	size	A4	scale	1:1	
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Michael Song	2014/12/02			ecn no				ELX-DG-19567-1
				chr	Tian-Zhao Lin	2014/12/03			rel level				Released
				appr	Collins Lu	2014/12/03			product family				METRAL
surface 3.2 ISO 1302		linear	0.X	±0.3		title METRAL SIGNAL HEADER 1 MOD, 5 ROW PRESS-FIT				dwg no	89006	rev BF	
			0.XX	±0.13									
			0.XXX	±.050									
	angular	0°	±2°	www.fci.com									cat. no.

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A

B

C

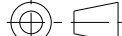
D

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89006-X109 SEE NOTE 10 LEAD FREE OPTION	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	7	7	7	7	7	7

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89006-X110 SEE NOTE 10 LEAD FREE OPTION	E	3	2	2	2	2	2
	D	3	2	2	2	2	2
	C	3	2	2	2	2	2
	B	3	2	2	2	2	2
	A	3	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89006-X111 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	2	2	3
	D	2	2	2	2	2	3
	C	2	2	2	2	2	3
	B	2	2	2	2	2	3
	A	2	2	2	2	2	3

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89006-X112 SEE NOTE 10 LEAD FREE OPTION	E	7	6	6	6	6	6
	D	7	6	6	6	6	6
	C	7	6	6	6	6	6
	B	7	6	6	6	6	6
	A	7	6	6	6	6	6

spec ref *				dr Terran Huang 2010/07/08		projection 	mm 	size A4	scale 1:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng Michael Song 2014/12/02				ecn no ELX-DG-19567-1		
ISO 406 ISO 1101				chr Tian-Zhao Lin 2014/12/03				rel level Released		
		appr Collins Lu 2014/12/03		product family METRAL						
surface 3.200 linear		0.X ±0.3		title METRAL SIGNAL HEADER 1 MOD, 5 ROW PRESS-FIT				dwg no 89006		rev BF
		0.XX ±0.13								
		0.XXX ±.050								
ISO 1302 angular		0° ±2°	www.fci.com	cat. no. -		Product - Customer Drw				sheet 7 of 9



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A

B

C

D

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89006-X133 SEE NOTE 10 LEAD FREE OPTION	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	2	2	1	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89006-X137 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	3	3	2
	D	2	2	2	3	3	2
	C	2	2	2	3	3	2
	B	2	2	2	3	3	2
	A	2	2	2	3	3	2

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89006-X141 SEE NOTE 10 LEAD FREE OPTION	E	1	1	1	1	3	3
	D	1	1	1	1	3	3
	C	3	3	3	3	3	3
	B	1	1	1	1	3	1
	A	1	1	1	1	3	1

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89006-X145 SEE NOTE 10 LEAD FREE OPTION	E	5	5	1	1	7	5
	D	5	5	1	1	7	5
	C	5	5	1	1	7	7
	B	5	5	1	1	7	5
	A	5	5	1	1	7	5

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89006-X134 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	2	2	2
	D	2	2	2	2	2	2
	C	2	2	3	3	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
89006-X138 SEE NOTE 10 LEAD FREE OPTION	E	2	3	2	2	2	2
	D	2	3	2	2	2	2
	C	2	3	2	2	2	2
	B	2	3	2	2	2	2
	A	2	2	2	2	2	3

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89006-X142 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	3	3	3
	D	2	2	2	3	3	3
	C	2	2	2	3	3	3
	B	2	2	2	3	3	3
	A	2	2	2	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89006-X135 SEE NOTE 10 LEAD FREE OPTION	E	2	3	2	2	2	2
	D	2	3	2	2	2	2
	C	2	3	2	2	2	2
	B	2	3	2	2	2	2
	A	2	2	2	2	2	2

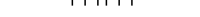
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89006-X139 SEE NOTE 10 LEAD FREE OPTION	E	59	59	11	6	6	11
	D	59	59	11	6	6	11
	C	59	59	11	6	6	11
	B	59	59	11	6	6	11
	A	59	59	11	6	6	11

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89006-X143 SEE NOTE 10 LEAD FREE OPTION	E	3	1	3	1	3	3
	D	3	1	3	1	3	3
	C	3	3	3	1	3	3
	B	3	1	3	1	3	3
	A	3	1	3	1	3	3

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89006-X136 SEE NOTE 10 LEAD FREE OPTION	E	2	3	2	3	2	2
	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
89006-X140 SEE NOTE 10 LEAD FREE OPTION	E	1	1	1	1	1	1
	D	1	1	1	1	3	1
	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
89006-X144 SEE NOTE 10 LEAD FREE OPTION	E	7	5	5	5	5	5
	D	7	5	5	5	5	5
	C	7	5	5	5	5	5
	B	7	5	5	5	5	5
	A	7	5	5	5	5	5

spec ref *		dr		Terran Huang		2010/07/08		projection 	mm 	size	A4	scale	1:1	
tolerance std		eng		Michael Song		2014/12/02				ecn no				ELX-DG-19567-1
ISO 406 ISO 1101		chr		Tian-Zhao Lin		2014/12/03				rel level				Released
		appr		Collins Lu		2014/12/03		product family		METRAL				
surface 		linear	0.X	±0.3			title	METRAL SIGNAL HEADER 1 MOD, 5 ROW PRESS-FIT		dwg no	89006		rev	BF
	0.XX		±0.13											
	0.XXX		±0.050											
ISO 1302		angular	0°	±2°		www.fci.com		cat. no.	-		Product - Customer Drw		sheet 8 of 9	



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PRODUCT NUMBER							
89006-XYX							
89006-XYXLF							
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-XYX IS SnPb							
73931-XYXLF 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							
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-22-008.							
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. FOR LEAD FREE PART NUMBERS, ADD "LF" SUFFIX.							
EXAMPLE:89006-X01LF							
11. -A PLATING HAS Au FLASH IN PRESS FIT AREA (LEAD FREE)							
12. A Δ SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE							
WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.							
spec ref *		dr Terran Huang		2010/07/08		projection	
tolerance std		eng Michael Song		2014/12/02		mm	
ISO 406		chr Tian-Zhao Lin		2014/12/03		size A4	
ISO 1101		appr Collins Lu		2014/12/03		scale 1:1	
TOLERANCES UNLESS OTHERWISE SPECIFIED		product family		METRAL		ecn no ELX-DG-19567-1	
surface 3.200 linear		title		METRAL SIGNAL HEADER		rel level Released	
0.X ±0.3		1 MOD, 5 ROW PRESS-FIT		dwg no		89006	
0.XX ±0.13		cat. no.		-		rev	
0.XXX ±.050		Product - Customer Drw		sheet 9 of 9		BF	
ISO 1302 angular 0° ±2°		www.fci.com					

PLATING IN CONTACT AREA		
DASH NUMBER	PERFORMANCE LEVEL	NOTES
-AYY	TELCORDIA CO	SEE NOTE 11
-PYY	0.25 um GOLD MIN.	-
-NIYY	TELCORDIA CO (NXT)	-
-N5YY	TELCORDIA UE (NXT)	-
-IYY	TELCORDIA CO	-
-2YY	TELECOM CLASS	-
-3YY	IEC CLASS I	-
-5YY	TELCORDIA UE	-
-NIYY	TELCORDIA CO (NXT) IEC CLASS I	SEE NOTE 9
-N5YYLF	TELCORDIA UE (NXT)	SEE NOTE 9
-IYYLF	TELCORDIA CO IEC CLASS I	SEE NOTE 9
-2YYLF	TELECOM CLASS	SEE NOTE 9
-5YYLF	TELCORDIA UE	SEE NOTE 9