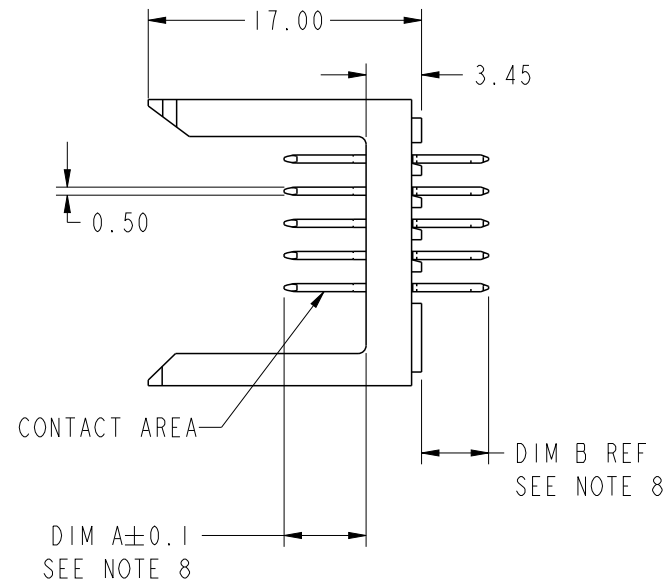
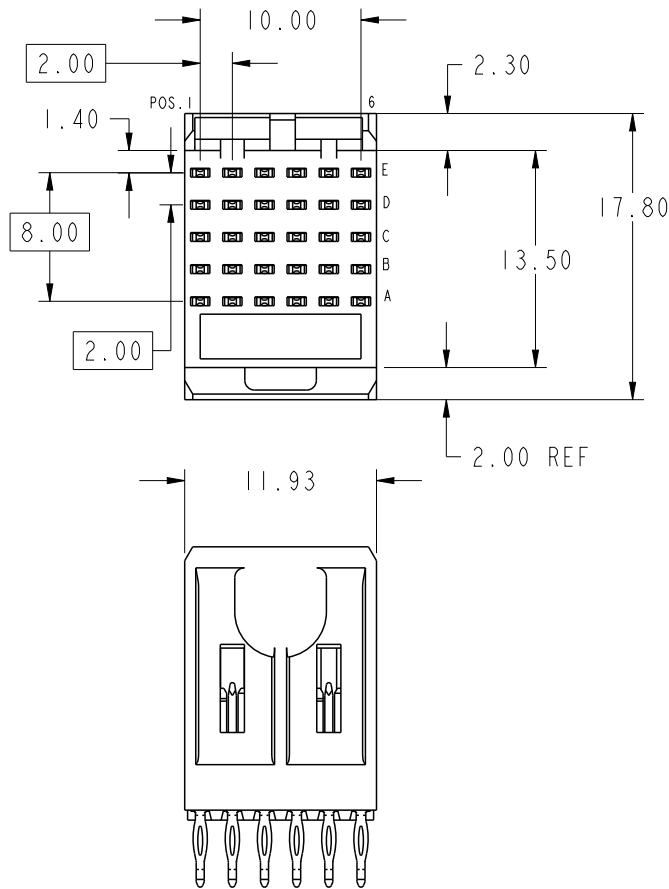




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PRODUCT NUMBER
89006-XYX
89006-XYXLF



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		chr	Tian-Zhao Lin	2014/12/03			rel level	Released		
ISO 1101		appr	Collins Lu	2014/12/03	product family	METRAL				
surface	3.200 linear				title	METRAL SIGNAL HEADER	dwg no	89006	rev	BF
ISO 1302	angular				1 MOD, 5 ROW PRESS-FIT					
	0.X ±0.3									
	0.XX ±0.13									
	0.XXX ±0.050									
	0° ±2°									
		www.fci.com			cat. no.	-	Product - Customer Drw	sheet 1 of 9		

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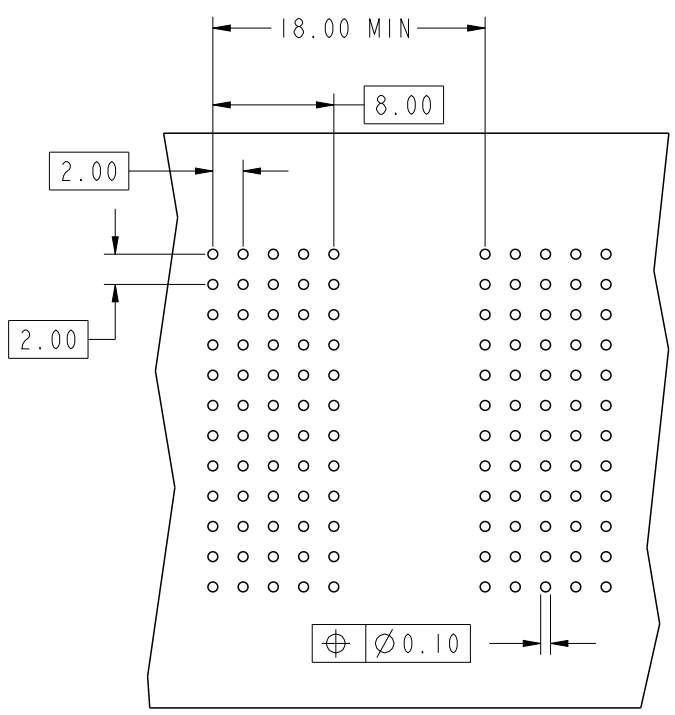
PDS: Rev :BF

STATUS:Released

Printed: Dec 03, 2014

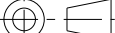


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REQUIRED PC BOARD LAYOUT
COMPONENT SIDE
SEE PRINT 58351 FOR
ADDITIONAL PCB INFORMATION

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	

D



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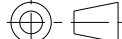
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89006-X36 SEE NOTE 10 LEAD FREE OPTION	E	10	10	10	10	10	10
	D	10	10	10	10	10	10
	C	10	10	10	10	10	10
	B	10	10	10	10	10	10
	A	10	10	10	10	10	10
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89006-X41 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	2	2	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					
		1	2	3	4	5	6
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					
		1	2	3	4	5	6
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					
		1	2	3	4	5	6
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					
		1	2	3	4	5	6
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					
		1	2	3	4	5	6
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					
		1	2	3	4	5	6
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					
		1	2	3	4	5	6
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					
		1	2	3	4	5	6
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					
		1	2	3	4	5	6
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					
		1	2	3	4	5	6
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					
		1	2	3	4	5	6
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					
		1	2	3	4	5	6
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					
		1	2	3	4	5	6
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					
		1	2	3	4	5	6
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					
		1	2	3	4	5	6
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					
		1	2	3	4	5	6
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					
		1	2	3	4	5	6
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					
		1	2	3	4	5	6
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					
		1	2	3	4	5	6
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					
		1	2	3	4	5	6
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					
		1	2	3	4	5	6
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

A

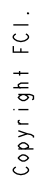
B

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D

spec ref *				dr Terran Huang 2010/07/08		projection 	mm 	size A4		scale 1:1		
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED						ecn no ELX-DG-19567-1				
ISO 406												
ISO 1101												
		eng Michael Song 2014/12/02		chr Tian-Zhao Lin 2014/12/03		appr Collins Lu 2014/12/03		product family METRAL		rel level Released		
surface 3.200 linear  ISO 1302		0.X ±0.3			title METRAL SIGNAL HEADER 1 MOD, 5 ROW PRESS-FIT				dwg no 89006		rev B	
		0.XX ±0.13										
		0.XXX ±.050										
angular 0° ±2°		www.fci.com		cat. no. -		Product - Customer Drw				sheet 4 of 9		

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METRAL P/N		ROW	CONTACT CODE MOD. I					
			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		ROW	CONTACT CODE MOD. I					
			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		ROW	CONTACT CODE MOD. I					
			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		ROW	CONTACT CODE MOD. I					
			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		ROW	CONTACT CODE MOD. I					
			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		ROW	CONTACT CODE MOD. I					
			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		ROW	CONTACT CODE MOD. I					
			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		ROW	CONTACT CODE MOD. I					
			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		ROW	CONTACT CODE MOD. I					
			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		ROW	CONTACT CODE MOD. I					
			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		ROW	CONTACT CODE MOD. I					
			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		ROW	CONTACT CODE MOD. I					
			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		ROW	CONTACT CODE MOD. I					
			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		ROW	CONTACT CODE MOD. I					
			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		ROW	CONTACT CODE MOD. I					
			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		ROW	CONTACT CODE MOD. I					
			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		ROW	CONTACT CODE MOD. I					
			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		ROW	CONTACT CODE MOD. I					
			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		ROW	CONTACT CODE MOD. I					
			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		ROW	CONTACT CODE MOD. I					
			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		ROW	CONTACT CODE MOD. I					
			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		ROW	CONTACT CODE MOD. I					
			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		ROW	CONTACT CODE MOD. I					
			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		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng Michael Song 2014/12/02							ecn no ELX-DG-19567-1	
ISO 406						chr Tian-Zhao Lin 2014/12/03							rel level Released	
ISO 1101						appr Collins Lu 2014/12/03							product family METRAL	
surface 3.2		linear		0.X ±0.3				title METRAL SIGNAL HEADER		dwg no 89006		rev BF		
		0.XX ±0.13		1 MOD, 5 ROW PRESS-FIT										
		0.XXX ±.050												
ISO 1302		angular		0° ±2°		www.fci.com		cat. no. -		Product - Customer Drw			sheet 6 of 9	



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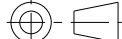
D

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 ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng Michael Song 2014/12/02				ecn no ELX-DG-19567-1	rel level Released
				chr Tian-Zhao Lin 2014/12/03					
				appr Collins Lu 2014/12/03					
product family						METRAL			
surface 3.2 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	±.050						
	angular	0°	±2°	www.fci.com				cat. no. - Product - Customer Drw	



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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		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng			Michael Song	2014/12/02	ecn no	ELX-DG-19567-1				
ISO 406						chr			Tian-Zhao Lin	2014/12/03						
ISO 1101						appr			Collins Lu	2014/12/03			product family		METRAL	rel level
surface	3.2	linear	0.X	±0.3			title	METRAL SIGNAL HEADER				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 SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

PLATING IN CONTACT AREA		NOTES
DASH NUMBER	PERFORMANCE LEVEL	
-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

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		
		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	dwg no	89006	rev	BF
		0.XX	±0.13							
		0.XXX	±.050							
	angular	0°	±2°	www.fci.com	cat. no.	-	Product - Customer Drw		sheet 9 of 9	