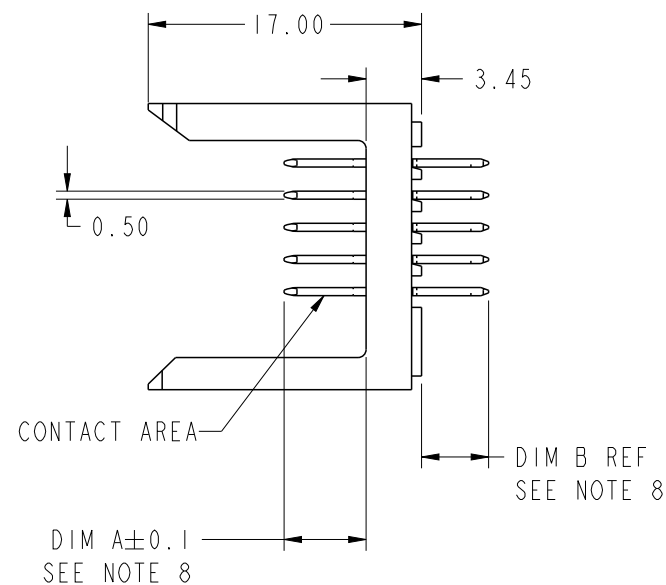
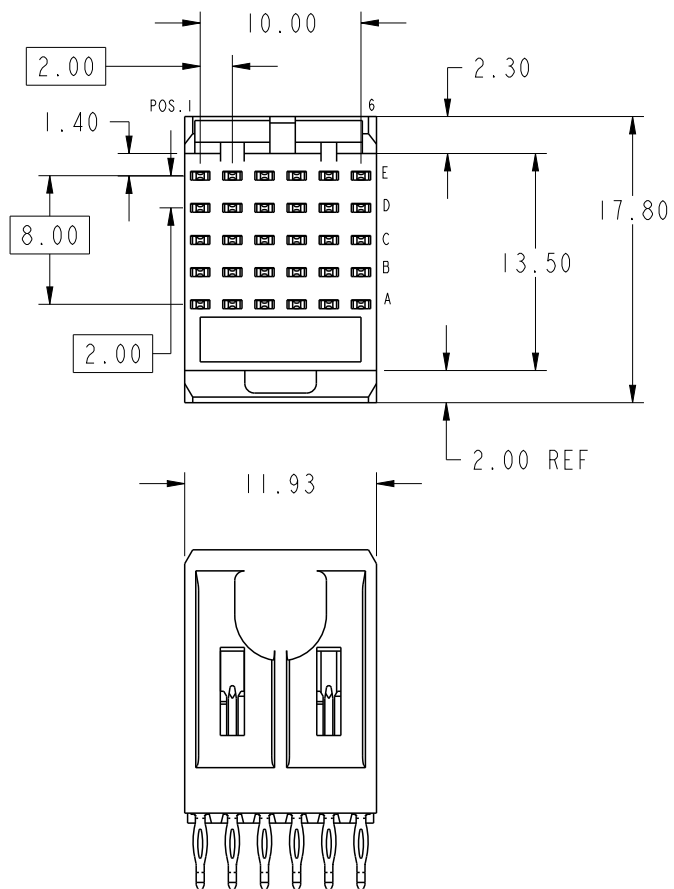
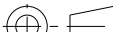


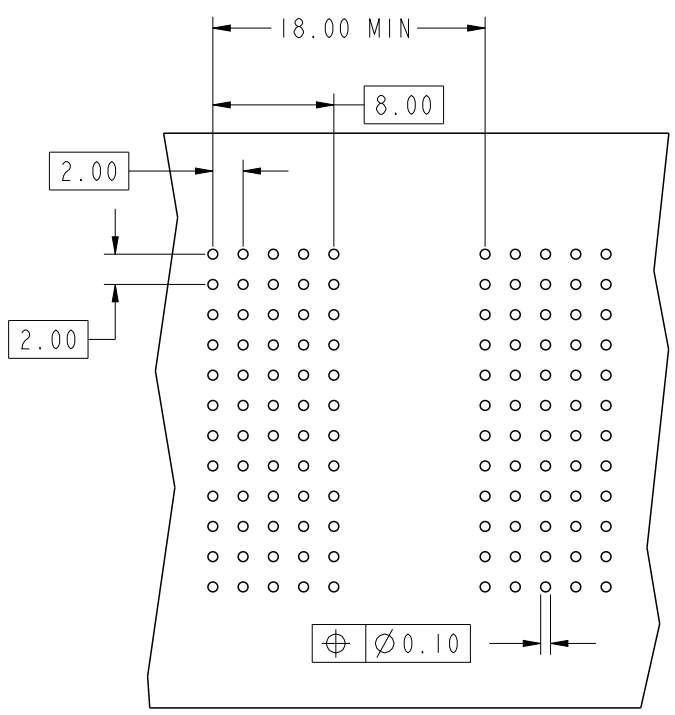


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spec ref *				dr Terran Huang 2010/07/08		projection				size A4		scale 2:1					
tolerance std ISO 406 ISO 1101				eng Michael Song 2014/12/02						ecn no ELX-DG-19567-1							
TOLERANCES UNLESS OTHERWISE SPECIFIED				chr Tian-Zhao Lin 2014/12/03						rel level Released							
				appr Collins Lu 2014/12/03		product family METRAL											
surface $3\sqrt{200}$ linear  ISO 1302				0.X ±0.3						title METRAL SIGNAL HEADER 1 MOD, 5 ROW PRESS-FIT				dwg no 89006		rev B1	
				0.XX ±0.13													
				0.XXX ±.050													
angular 0° ±2°				www.fci.com		cat. no. -		Product - Customer Drw				sheet 1 of 9					

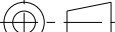


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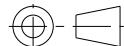
REQUIRED PC BOARD LAYOUT
COMPONENT SIDE
SEE PRINT 58351 FOR
ADDITIONAL PCB INFORMATION

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
surface 3.200 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	±0.050									
	angular	0°	±2°	www.fci.com	cat. no.		-		Product - Customer Drw			sheet 2 of 9	



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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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METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
		E	10	10	10	10	10
		D	9	9	9	9	9
		C	10	10	10	10	10
89006-X61 SEE NOTE 10 LEAD FREE OPTION	A	10	10	10	10	10	10
		10	10	10	10	10	10
		11	11	11	11	11	11
		11	11	11	11	11	11
		11	11	11	11	11	11

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
		E	9	9	9	9	9
		D	21	21	21	21	21
		C	9	9	9	9	9
89006-X65 SEE NOTE 10 LEAD FREE OPTION	A	21	21	21	21	21	21
		9	9	9	9	9	9
		9	9	9	9	9	9
		9	9	9	9	9	9
		9	9	9	9	9	9

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
		E	12	12	12	12	12
		D	11	11	11	11	11
		C	11	11	11	11	11
89006-X69 SEE NOTE 10 LEAD FREE OPTION	A	11	11	11	11	11	11
		11	11	11	11	11	11
		21	21	21	21	21	21
		21	21	21	21	21	21
		21	21	21	21	21	21

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
		E	4	4	4	4	4
		D	4	4	4	4	4
		C	4	4	4	4	4
89006-X73 SEE NOTE 10 LEAD FREE OPTION	A	4	4	4	4	4	4
		4	4	4	4	4	4
		13	13	13	13	13	13
		13	13	13	13	13	13
		13	13	13	13	13	13

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
		E	3	3	3	3	3
		D	19	19	19	19	19
		C	4	4	4	4	4
89006-X77 SEE NOTE 10 LEAD FREE OPTION	A	4	4	4	4	4	4
		3	3	3	3	3	3
		3	3	3	3	3	3
		3	3	3	3	3	3
		3	3	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
		E	7	7	7	7	7
		D	20	20	20	20	20
		C	7	7	7	7	7
89006-X81 SEE NOTE 10 LEAD FREE OPTION	A	7	7	7	7	7	7
		20	20	20	20	20	20
		20	20	20	20	20	20
		20	20	20	20	20	20
		20	20	20	20	20	20

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
		E	10	10	10	10	10
		D	10	10	10	10	10
		C	12	12	12	12	12
89006-X62 SEE NOTE 10 LEAD FREE OPTION	A	12	12	12	12	12	12
		12	12	12	12	12	12
		11	11	11	11	11	11
		11	11	11	11	11	11
		12	12	12	12	12	12

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
		E	10	10	10	10	10
		D	10	10	10	10	10
		C	12	12	12	12	12
89006-X66 SEE NOTE 10 LEAD FREE OPTION	A	12	12	12	12	12	12
		10	10	10	10	10	10
		10	10	10	10	10	10
		10	10	10	10	10	10
		10	10	10	10	10	10

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
		E	2	2	2	2	2
		D	2	2	2	2	2
		C	3	3	3	3	3
89006-X70 SEE NOTE 10 LEAD FREE OPTION	A	3	3	3	3	3	3
		2	2	2	2	2	2
		2	2	2	2	2	2
		2	2	2	2	2	2
		2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
		E	13	13	13	13	13
		D	4	4	4	4	4
		C	3	3	3	3	3
89006-X74 SEE NOTE 10 LEAD FREE OPTION	A	3	3	3	3	3	3
		4	4	4	4	4	4
		13	13	13	13	13	13
		13	13	13	13	13	13
		13	13	13	13	13	13

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
		E	13	13	13	13	13
		D	16	16	16	16	16
		C	2	2	2	2	2
89006-X78 SEE NOTE 10 LEAD FREE OPTION	A	2	2	2	2	2	2
		16	16	16	16	16	16
		13	13	13	13	13	13
		13	13	13	13	13	13
		13	13	13	13	13	13

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
		E	20	20	20	20	20
		D	5	5	5	5	5
		C	5	5	5	5	5
89006-X82 SEE NOTE 10 LEAD FREE OPTION	A	5	5	5	5	5	5
		5	5	5	5	5	5
		20	20	20	20	20	20
		20	20	20	20	20	20
		20	20	20	20	20	20

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
		E	10	10	10	10	10
		D	10	10	10	10	10
		C	10	10	10	10	10
89006-X63 SEE NOTE 10 LEAD FREE OPTION	A	10	10	10	10	10	10
		10	10	10	10	10	10
		11	11	11	11	11	11
		11	11	11	11	11	11
		12	12	12	12	12	12

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
		E	10	10	10	10	10
		D	11	11	11	11	11
		C	10	10	10	10	10
89006-X67 SEE NOTE 10 LEAD FREE OPTION	A	10	10	10	10	10	10
		10	10	10	10	10	10
		11	11	11	11	11	11
		11	11	11	11	11	11
		11	11	11	11	11	11

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
		E	3	3	3	3	3
		D	19	19	19	19	19
		C	3	3	3	3	3
89006-X71 SEE NOTE 10 LEAD FREE OPTION	A	3	3	3	3	3	3
		19	19	19	19	19	19
		3	3	3	3	3	3
		3	3	3	3	3	3
		3	3	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
		E	3	3	3	3	3
		D	3	3	3	3	3
		C	2	2	2	2	2
89006-X75 SEE NOTE 10 LEAD FREE OPTION	A	2	2	2	2	2	2
		3	3	3	3	3	3
		3	3	3	3	3	3
		3	3	3	3	3	3
		3	3	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
		E	3	3	3	3	3
		D	3	3	3	3	3
		C	4	4	4	4	4
89006-X79 SEE NOTE 10 LEAD FREE OPTION	A	4	4	4	4	4	4
		19	19	19	19	19	19
		4	4	4	4	4	4
		4	4	4	4	4	4
		4	4	4	4	4	4

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
		E	8	8	8	8	8
		D	8	8	8	8	8
		C	8	8	8	8	8
89006-X83 SEE NOTE 10 LEAD FREE OPTION	A	8	8	8	8	8	8
		8	8	8	8	8	8
		14	14	14	14	14	14
		14	14	14	14	14	14
		14	14	14	14	14	14

METRAL P/N	ROW	CONTACT CODE MOD. I				
---------------	-----	------------------------	--	--	--	--



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A	1						2						3						4						A									
	METRAL P/N		ROW	CONTACT CODE MOD. I						METRAL P/N		ROW	CONTACT CODE MOD. I						METRAL P/N		ROW	CONTACT CODE MOD. I						A						
	89006-X85			1	2	3	4	5	6	89006-X89			1	2	3	4	5	6	89006-X93			1	2	3	4	5	6							
	SEE NOTE 10 LEAD FREE OPTION			E	7	7	7	7	7	SEE NOTE 10 LEAD FREE OPTION			E	7	7	7	7	7	SEE NOTE 10 LEAD FREE OPTION			E	12	12	12	12	12							
				D	7	7	7	7	7				D	7	7	7	7	7				D	12	12	12	12	12							
				C	6	6	6	6	6				C	8	8	8	8	8				C	12	12	12	12	12							
				B	7	7	7	7	7				B	17	17	17	17	17				B	12	12	12	12	12							
				A	7	7	7	7	7				A	20	20	20	20	20				A	15	15	15	15	15							
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						B						
	89006-X86			1	2	3	4	5	6	89006-X90			1	2	3	4	5	6	89006-X94			1	2	3	4	5	6							
	SEE NOTE 10 LEAD FREE OPTION			E	5	5	5	5	5	SEE NOTE 10 LEAD FREE OPTION			E	10	10	10	10	10	SEE NOTE 10 LEAD FREE OPTION			E	15	15	15	15	15							
				D	5	5	5	5	5				D	10	10	10	10	10				D	12	12	12	12	12							
				C	5	5	5	5	5				C	11	11	11	11	11				C	11	11	11	11	11							
				B	5	5	5	5	5				B	10	10	10	10	10				B	12	12	12	12	12							
				A	8	8	8	8	8				A	10	10	10	10	10				A	15	15	15	15	15							
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						C						
	89006-X87			1	2	3	4	5	6	89006-X91			1	2	3	4	5	6	89006-X95			1	2	3	4	5	6							
	SEE NOTE 10 LEAD FREE OPTION			E	7	7	7	7	7	SEE NOTE 10 LEAD FREE OPTION			E	11	11	11	11	11	SEE NOTE 10 LEAD FREE OPTION			E	11	11	11	11	11							
				D	20	20	20	20	20				D	21	21	21	21	21				D	11	11	11	11	11							
				C	8	8	8	8	8				C	11	11	11	11	11				C	10	10	10	10	10							
				B	7	7	7	7	7				B	21	21	21	21	21				B	11	11	11	11	11							
				A	7	7	7	7	7				A	11	11	11	11	11				A	11	11	11	11	11							
D	METRAL P/N		ROW	CONTACT CODE MOD. I						METRAL P/N		ROW	CONTACT CODE MOD. I						METRAL P/N		ROW	CONTACT CODE MOD. I						D						
	89006-X88			1	2	3	4	5	6	89006-X92			1	2	3	4	5	6	89006-X96			1	2	3	4	5	6							
	SEE NOTE 10 LEAD FREE OPTION			E	14	14	14	14	14	SEE NOTE 10 LEAD FREE OPTION			E	21	21	21	21	21	SEE NOTE 10 LEAD FREE OPTION			E	9	9	9	9	9							
				D	17	17	17	17	17				D	9	9	9	9	9				D	9	9	9	9	9							
				C	6	6	6	6	6				C	9	9	9	9	9				C	9	9	9	9	9							
				B	17	17	17	17	17				B	9	9	9	9	9				B	9	9	9	9	9							
				A	14	14	14	14	14				A	21	21	21	21	21				A	12	12	12	12	12							
																									</									



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A

B

C

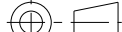
D

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 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	±.050							
	angular	0°	±2°					www.fci.com		cat. no. -



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A

B

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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

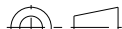
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89006-X139 SEE NOTE 10 LEAD FREE OPTION	E	59	59	11	6	6	11
	D	59	59	11	6	6	11
	C	59	59	11	6	6	11
	B	59	59	11	6	6	11
	A	59	59	11	6	6	11

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 ISO 1101						chr			Tian-Zhao Lin	2014/12/03						
						appr	Collins Lu	2014/12/03	product family		METRAL	rel level	Released			
surface 	3.2	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 SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE

WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

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)	SEE NOTE 9
-N5YYLF	TELCORDIA UE (NXT)	SEE NOTE 9
-IYYLF	TELCORDIA CO	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	rel level	Released	
ISO 406		chr	Tian-Zhao Lin	2014/12/03								
ISO 1101		appr	Collins Lu	2014/12/03	product family	METRAL						
surface	3.200 linear		title	METRAL SIGNAL HEADER	dwg no	89006	rev	BF				
	0.X								±0.3			
	0.XX								±0.13			
	0.XXX	±0.050										
ISO 1302	angular	0°	±2°	www.fci.com	cat. no.	-	Product - Customer Drw	sheet 9 of 9				



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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