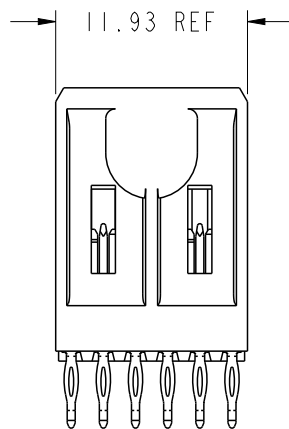
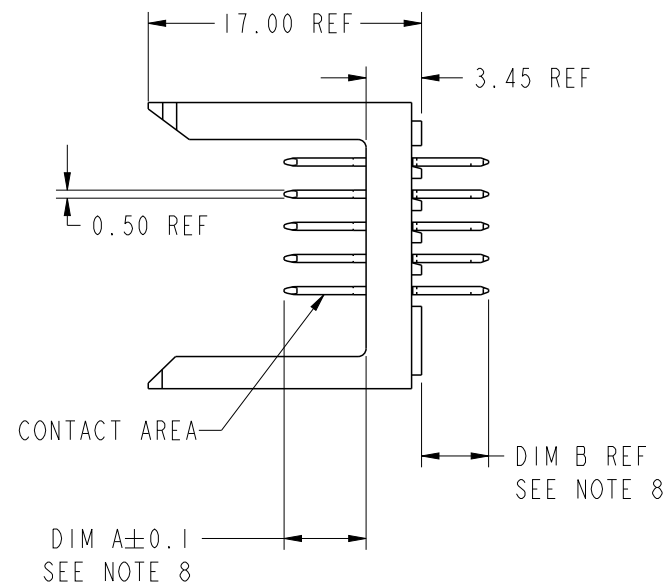
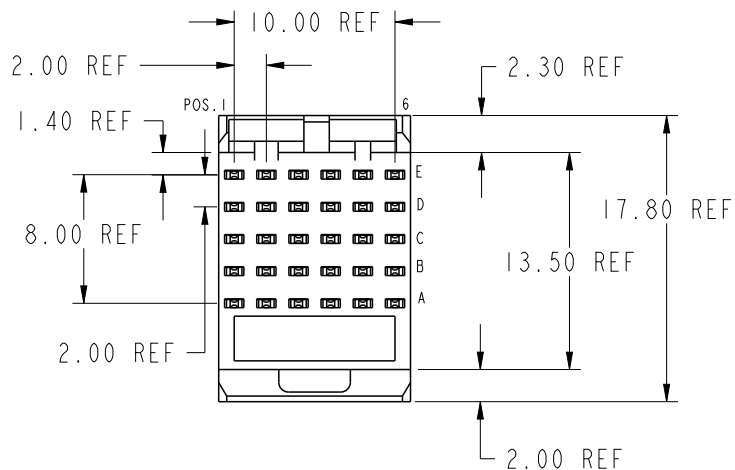


PRODUCT NUMBER

89006-XYX

89006-XYXLF

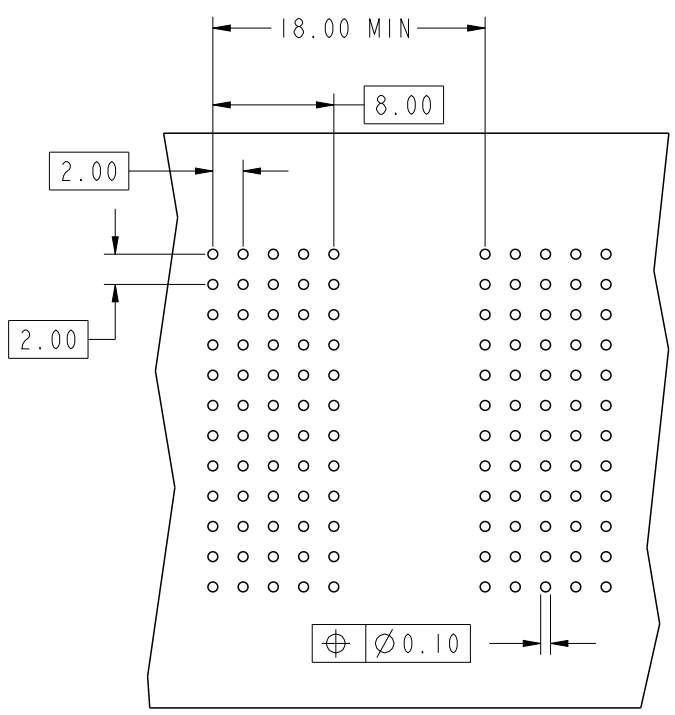


rev	ecn no	dr	date
AY	ELX-DG-13476-1	AL	2012-11-15
AZ	ELX-DG-14148-1	AL	2013-03-01
-	-	-	-
AU	DG10-0413	TER	2010-11-23
AV	DG-007842	TAO	2011-11-09
AW	ELX-DG-009301-1	AL	2012-01-04
AX	ELX-DG-011219-1	AL	2012-04-05

spec ref		*		dr	Andy Lu	2013-03-01	projection	mm	size	A4	scale	2:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Andy Lu	2013-03-04			ecn no				*
ISO 406				chr	Sun Richard	2013-03-04							
ISO 1101				appr	Peiming Zheng	2013-03-04	product family		METRAL		rel level		Released
surface		3.200 linear	0.X	±0.3		METRAL SIGNAL HEADER		dwg no 89006	rev		BA		
	0.XX		±0.13										
	0.XXX		±.050										
ISO 1302		angular	0°	±2°	www.fci.com	cat. no.		-	Product - Customer Drw		sheet 1 of 8		

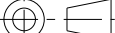


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REQUIRED PC BOARD LAYOUT
COMPONENT SIDE
SEE PRINT 58351 FOR
ADDITIONAL PCB INFORMATION

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	Andy Lu	2013-03-01	projection 	mm 	size	A4	scale	2:1
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Andy Lu	2013-03-04			ecn no	*		
				chr	Sun Richard	2013-03-04						
				appr	Peiming Zheng	2013-03-04					product family	
surface 3.200 linear ISO 1302		0.X	±0.3		title METRAL SIGNAL HEADER 1 MOD, 5 ROW PRESS-FIT				dwg no	89006		rev BA
		0.XX	±0.13									
		0.XXX	±.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						METRAL P/N		ROW	CONTACT CODE MOD. I																				
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89006-X10 SEE NOTE 10 LEAD FREE OPTION		E	I	I	I	I	I	89006-X14 SEE NOTE 10 LEAD FREE OPTION		E	4	4	4	4	4	4	89006-X19 SEE NOTE 10 LEAD FREE OPTION		E	4	4	4	4	4	4	89006-X23 SEE NOTE 10 LEAD FREE OPTION		E	8	8	8	8	8	8	89006-X27 SEE NOTE 10 LEAD FREE OPTION		E	6	6	6	6	6	6	89006-X32 SEE NOTE 10 LEAD FREE OPTION		E	12	12	12	12	12	12							
		D	I	I	I	I	I			D	3	3	3	3	3	D			4	4	4	4	4	4	D			20	20	20	20	20	D	6			6	6	6	6	6	D	11			11	11	11	11	11									
		C	I	I	I	I	I			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	I	I	I	I	I			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	I	I	I	I	I			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						METRAL P/N		ROW	CONTACT CODE MOD. I																				
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89006-X11 SEE NOTE 10 LEAD FREE OPTION		E	3	3	3	3	3	3	89006-X15 SEE NOTE 10 LEAD FREE OPTION		E	I	I	I	I	I	89006-X20 SEE NOTE 10 LEAD FREE OPTION		E	5	5	5	5	5	5	89006-X24 SEE NOTE 10 LEAD FREE OPTION		E	8	8	8	8	8	8	89006-X29 SEE NOTE 10 LEAD FREE OPTION		E	8	8	8	8	8	8	89006-X33 SEE NOTE 10 LEAD FREE OPTION		E	12	12	12	12	12	12							
		D	3	3	3	3	3	3			D	I	I	I	I	I			D	5	5	5	5	5	5			D	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	I	I	I	I	I			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	I	I	I	I	I			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			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						METRAL P/N		ROW	CONTACT CODE MOD. I																				
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89006-X12 SEE NOTE 10 LEAD FREE OPTION		E	4	4	4	4	4	4	89006-X16 SEE NOTE 10 LEAD FREE OPTION		E	2	2	2	2	2	2	89006-X21 SEE NOTE 10 LEAD FREE OPTION		E	7	7	7	7	7	7	89006-X25 SEE NOTE 10 LEAD FREE OPTION		E	5	5	5	5	5	5	89006-X30 SEE NOTE 10 LEAD FREE OPTION		E	9	9	9	9	9	9	89006-X34 SEE NOTE 10 LEAD FREE OPTION		E	12	12	12	12	12	12						
		D	3	3	3	3	3	3			D	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	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	I	I	I	I	I	I			B	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	I	I	I	I	I	I			A	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						METRAL P/N		ROW	CONTACT CODE MOD. I																				
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89006-X13 SEE NOTE 10 LEAD FREE OPTION		E	4	4	4	4	4	4	89006-X17 SEE NOTE 10 LEAD FREE OPTION		E	2	2	2	2	2	2	89006-X22 SEE NOTE 10 LEAD FREE OPTION		E	8	8	8	8	8	8	89006-X26 SEE NOTE 10 LEAD FREE OPTION		E	6	6	6	6	6	6	89006-X31 SEE NOTE 10 LEAD FREE OPTION		E	11	11	11	11	11	11	89006-X35 SEE NOTE 10 LEAD FREE OPTION		E	9	9	9	9	9	9						
		D	19	19	19	19	19	19			D	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	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	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							
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spec ref		*						dr		Andy Lu						2013-03-01		projection		mm						size		scale																															
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED						eng		Andy Lu						2013-03-04										A4		1:1																															
ISO 406								chr		Sun Richard						2013-03-04										ecn no		*																															
ISO 1101								appr		Peiming Zheng						2013-03-04		product family		METRAL						rel level		Released																															
surface		3.200 linear						0.X		±0.3						FCI		METRAL SIGNAL HEADER						dwg no		89006						rev																											
								0.XX		±0.13																						BA																											
ISO 1302		angular						0°		±2°						www.fci.com		cat. no.						-						Product - Customer Drw						sheet 3 of 8																							

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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						METRAL P/N	ROW	CONTACT CODE MOD. I													
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89006-X61 SEE NOTE 10 LEAD FREE OPTION	E	10	10	10	10	10	10	89006-X65 SEE NOTE 10 LEAD FREE OPTION	E	9	9	9	9	9	9	89006-X69 SEE NOTE 10 LEAD FREE OPTION	E	12	12	12	12	12	12	89006-X73 SEE NOTE 10 LEAD FREE OPTION	E	4	4	4	4	4	4	89006-X77 SEE NOTE 10 LEAD FREE OPTION	E	3	3	3	3	3	3	89006-X81 SEE NOTE 10 LEAD FREE OPTION	E	7	7	7	7	7	7
	D	9	9	9	9	9	9		D	21	21	21	21	21	21		D	11	11	11	11	11	11		D	4	4	4	4	4	4		D	19	19	19	19	19	19		D	20	20	20	20	20	20
	C	10	10	10	10	10	10		C	9	9	9	9	9	9		C	11	11	11	11	11	11		C	4	4	4	4	4	4		C	4	4	4	4	4	4		C	7	7	7	7	7	7
	B	10	10	10	10	10	10		B	21	21	21	21	21	21		B	11	11	11	11	11	11		B	4	4	4	4	4	4		B	3	3	3	3	3	3		B	20	20	20	20	20	20
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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						METRAL P/N	ROW	CONTACT CODE MOD. I													
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89006-X62 SEE NOTE 10 LEAD FREE OPTION	E	10	10	10	10	10	10	89006-X66 SEE NOTE 10 LEAD FREE OPTION	E	10	10	10	10	10	10	89006-X70 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	2	2	2	89006-X74 SEE NOTE 10 LEAD FREE OPTION	E	13	13	13	13	13	13	89006-X78 SEE NOTE 10 LEAD FREE OPTION	E	13	13	13	13	13	13	89006-X82 SEE NOTE 10 LEAD FREE OPTION	E	20	20	20	20	20	20
	D	12	12	12	12	12	12		D	10	10	10	10	10	10		D	2	2	2	2	2	2		D	4	4	4	4	4	4		D	16	16	16	16	16	16		D	5	5	5	5	5	5
	C	12	12	12	12	12	12		C	12	12	12	12	12	12		C	3	3	3	3	3	3		C	3	3	3	3	3	3		C	2	2	2	2	2	2		C	5	5	5	5	5	5
	B	11	11	11	11	11	11		B	10	10	10	10	10	10		B	2	2	2	2	2	2		B	4	4	4	4	4	4		B	16	16	16	16	16	16		B	5	5	5	5	5	5
	A	12	12	12	12	12	12		A	10	10	10	10	10	10		A	2	2	2	2	2	2		A	13	13	13	13	13	13		A	13	13	13	13	13	13		A	20	20	20	20	20	20
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						METRAL P/N	ROW	CONTACT CODE MOD. I													
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89006-X63 SEE NOTE 10 LEAD FREE OPTION	E	10	10	10	10	10	10	89006-X67 SEE NOTE 10 LEAD FREE OPTION	E	10	10	10	10	10	10	89006-X71 SEE NOTE 10 LEAD FREE OPTION	E	3	3	3	3	3	3	89006-X75 SEE NOTE 10 LEAD FREE OPTION	E	3	3	3	3	3	3	89006-X79 SEE NOTE 10 LEAD FREE OPTION	E	3	3	3	3	3	3	89006-X83 SEE NOTE 10 LEAD FREE OPTION	E	8	8	8	8	8	8
	D	10	10	10	10	10	10		D	11	11	11	11	11	11		D	19	19	19	19	19	19		D	3	3	3	3	3	3		D	3	3	3	3	3	3		D	8	8	8	8	8	8
	C	10	10	10	10	10	10		C	10	10	10	10	10	10		C	3	3	3	3	3	3		C	2	2	2	2	2	2		C	4	4	4	4	4	4		C	8	8	8	8	8	8
	B	10	10	10	10	10	10		B	10	10	10	10	10	10		B	19	19	19	19	19	19		B	3	3	3	3	3	3		B	19	19	19	19	19	19		B	8	8	8	8	8	8
	A	12	12	12	12	12	12		A	11	11	11	11	11	11		A	3	3	3	3	3	3		A	3	3	3	3	3	3		A	4	4	4	4	4	4		A	14	14	14	14	14	14
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						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			1	2	3	4	5	6								
89006-X64 SEE NOTE 10 LEAD FREE OPTION	E	9	9	9	9	9	9	89006-X68 SEE NOTE 10 LEAD FREE OPTION	E	21	21	21	21	21	21	89006-X72 SEE NOTE 10 LEAD FREE OPTION	E	19	19	19	19	19	19	89006-X76 SEE NOTE 10 LEAD FREE OPTION	E	1	1	1	1	1	1	89006-X80 SEE NOTE 10 LEAD FREE OPTION	E	6	6	6	6	6	6	89006-X84 SEE NOTE 10 LEAD FREE OPTION	E	14	14	14	14	14	14
	D	11	11	11	11	11	11		D	21	21	21	21	21	21		D	1	1	1	1	1	1		D	1	1	1	1	1	1		D	6	6	6	6	6	6		D	8	8	8	8	8	8
	C	12	12	12	12	12	12		C	21	21	21	21	21	21		C	1	1	1	1	1	1		C	1	1	1	1	1	1		C	7	7	7	7	7	7		C	7	7	7	7	7	7
	B	11	11	11	11	11	11		B	21	21	21	21	21	21		B	1	1	1	1	1	1		B	1	1	1	1	1	1		B	6	6	6	6	6	6		B	8	8	8	8	8	8
	A	9	9	9	9	9	9		A	21	21	21	21	21	21		A	19	19	19	19	19	19		A	4	4	4	4	4	4		A	6	6	6	6	6	6		A	14	14	14	14	14	14



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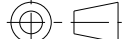
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89006-X85 SEE NOTE 10 LEAD FREE OPTION	E	7	7	7	7	7	7
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	C	6	6	6	6	6	6
	B	7	7	7	7	7	7
	A	7	7	7	7	7	7
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89006-X86 SEE NOTE 10 LEAD FREE OPTION	E	5	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-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-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-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-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-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-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-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-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-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-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-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-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-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-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-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-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-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-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-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-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	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-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

A

B

C

D

spec ref *				dr	Andy Lu	2013-03-01	projection 	mm 	size	A4	scale	1:1			
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Andy Lu			2013-03-04	ecn no *					
ISO 406					chr	Sun Richard			2013-03-04						
ISO 1101					appr	Peiming Zheng			2013-03-04	product family			METRAL	rel level	
surface		3.2 	linear	0.X	±0.3		title	METRAL SIGNAL HEADER				dwg no	89006		rev
			0.XX	±0.13	+ 1 MOD, 5 ROW PRESS-FIT										
			0.XXX	±0.050											
ISO 1302		angular	0°	±2°	www.fci.com	cat. no.	-				Product - Customer Drw		sheet 6 of 8		



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D

A

B

C

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
		E	59	59	59	59	59
		D	59	59	59	59	59
		C	59	59	59	59	59
89006-X109 SEE NOTE 10 LEAD FREE OPTION	B	B	59	59	59	59	59
		A	7	7	7	7	7
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
		E	6	6	6	6	5
		D	6	6	6	6	6
		C	6	6	6	6	6
89006-X113 SEE NOTE 10 LEAD FREE OPTION	B	B	6	6	6	6	6
		A	6	6	6	6	6
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
		E	6	6	6	6	6
		D	8	6	6	6	6
		C	6	6	6	6	6
89006-X117 SEE NOTE 10 LEAD FREE OPTION	B	B	6	8	6	6	6
		A	6	8	6	6	6
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
		E	8	6	6	6	6
		D	8	6	6	6	6
		C	5	6	6	6	6
89006-X121 SEE NOTE 10 LEAD FREE OPTION	B	B	8	6	6	6	6
		A	8	6	6	6	6
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
		E	6	6	6	6	6
		D	6	6	6	6	6
		C	20	20	20	20	20
89006-X125 SEE NOTE 10 LEAD FREE OPTION	B	B	6	6	6	6	6
		A	6	6	6	6	6
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
		E	2	2	2	2	4
		D	2	2	2	2	4
		C	2	2	2	2	4
89006-X129 SEE NOTE 10 LEAD FREE OPTION	B	B	2	2	2	2	4
		A	2	2	2	2	4
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
		E	3	2	2	2	2
		D	2	2	2	2	2
		C	2	2	2	2	2
89006-X110 SEE NOTE 10 LEAD FREE OPTION	B	B	2	2	2	2	2
		A	3	2	2	2	2
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
		E	4	2	3	3	2
		D	4	2	3	3	2
		C	4	2	3	3	2
89006-X114 SEE NOTE 10 LEAD FREE OPTION	B	B	4	2	3	3	2
		A	4	2	3	3	2
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
		E	8	6	6	6	6
		D	8	6	6	6	6
		C	8	6	6	6	6
89006-X118 SEE NOTE 10 LEAD FREE OPTION	B	B	8	6	6	6	6
		A	8	6	6	6	6
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	1	2	2	2	2
89006-X119 SEE NOTE 10 LEAD FREE OPTION	B	B	1	2	2	2	2
		A	1	2	2	2	2
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	19	19	19	19	19
89006-X123 SEE NOTE 10 LEAD FREE OPTION	B	B	2	2	2	2	2
		A	2	2	2	2	2
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
		E	2	2	4	2	2
		D	2	4	4	2	2
		C	2	4	4	2	2
89006-X127 SEE NOTE 10 LEAD FREE OPTION	B	B	2	4	4	2	2
		A	2	2	4	2	2
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
		E	8	6	6	8	6
		D	8	6	6	8	6
		C	8	8	8	8	5
89006-X131 SEE NOTE 10 LEAD FREE OPTION	B	B	8	6	6	8	6
		A	8	6	6	8	6
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
		E	5	6	6	6	6
		D	5	6	6	6	6
		C	5	6	6	6	6
89006-X116 SEE NOTE 10 LEAD FREE OPTION	B	B	5	6	6	6	6
		A	5	6	6	6	6
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
		E	2	2	2	2	4
		D	2	2	2	2	4
		C	2	2	2	2	4
89006-X120 SEE NOTE 10 LEAD FREE OPTION	B	B	2	2	2	2	4
		A	2	2	2	2	4
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
		E	2	2	2	1	2
		D	2	2	2	2	2
		C	2	2	2	2	2
89006-X124 SEE NOTE 10 LEAD FREE OPTION	B	B	2	2	2	2	2
		A	2	2	2	2	2
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
		E	2	2	2	4	2
		D	2	2	2	4	2
		C	2	2	2	4	2
89006-X128 SEE NOTE 10 LEAD FREE OPTION	B	B	2	2	2	4	2
		A	2	2	2	4	2
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
		E	8	6	7	6	6
		D	8	6	7	6	6
		C	5	6	6	8	6
89006-X132 SEE NOTE 10 LEAD FREE OPTION	B	B	8	8	7	8	6
		A	8	8	7	8	6

A

B

C

spec ref		*		dr	Andy Lu	2013-03-01	projection	mm	size	A4	scale	1:1
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Andy Lu	2013-03-04			ecn no	*		
ISO 406		chr	Sun Richard	2013-03-04								
ISO 1101			appr	Peiming Zheng	2013-03-04	product family					METRAL	rel level
surface	3.2	linear	0.X	±0.3		METRAL SIGNAL HEADER			dwg no	89006		rev
		0.XX	±0.13									
		0.XXX	±.050									
	ISO 1302	angular	0°	±2°								



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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)

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

spec ref		*		dr	Andy Lu	2013-03-01	projection 	mm 	size	A4	scale	1:1			
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Andy Lu	2013-03-04			ecn no *						
				chr	Sun Richard	2013-03-04									
				ISO 406		appr			Peiming Zheng	2013-03-04	product family		METRAL	rel level	
ISO 1101															
surface		linear	0.X	±0.3		title			METRAL SIGNAL HEADER			dwg no	89006		rev
		0.XX	±0.13	BA											
		0.XXX	±.050												
ISO 1302		angular	0°	±2°	www.fci.com	cat. no.		-	Product - Customer Drw			sheet 8 of 8			



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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.);

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- 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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