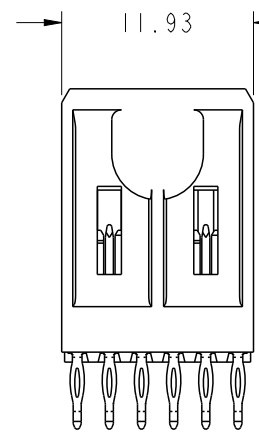
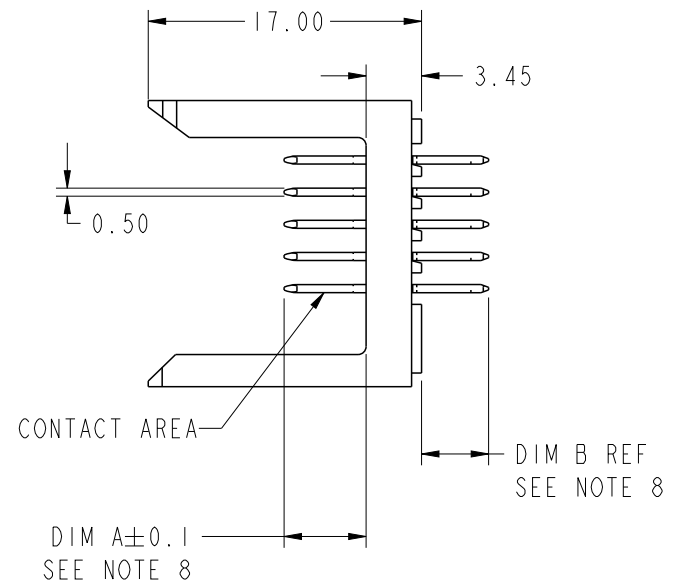
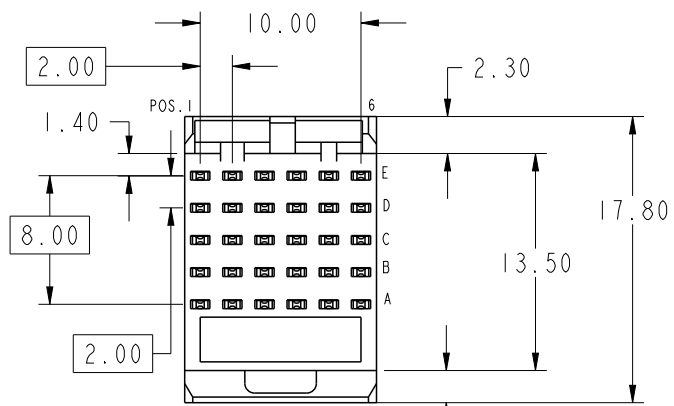


PRODUCT NUMBER
89006-XYX
89006-XYXLF



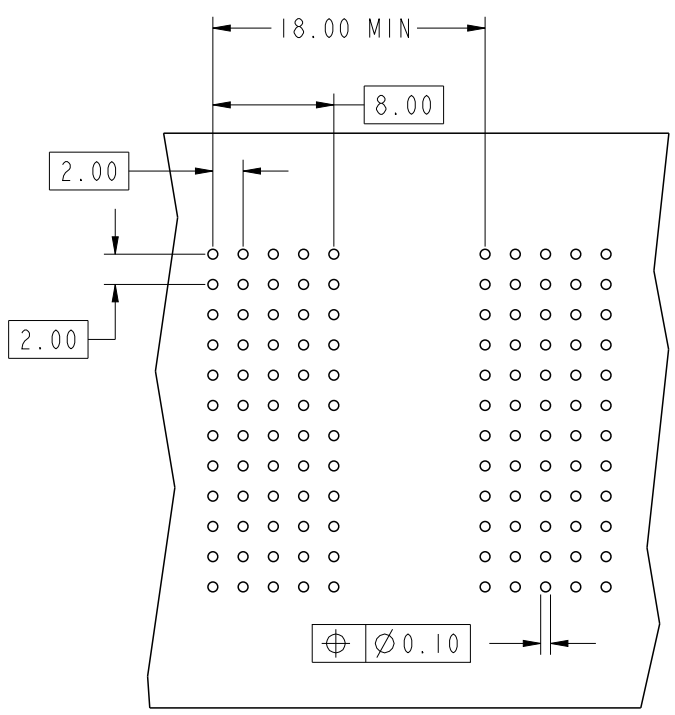
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spec ref	*	dr	Terran Huang	2010/07/08	projection 	mm 	size	A4	scale	2:1	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Michael Song	2014/12/02			ecn no	ELX-DG-19567-1			
ISO 406 ISO 1101		chr	Tian-Zhao Lin	2014/12/03			product family	METRAL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

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METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89006-X10 SEE NOTE 10 LEAD FREE OPTION	E	1	1	1	1	1	1
	D	1	1	1	1	1	1
	C	1	1	1	1	1	1
	B	1	1	1	1	1	1
	A	1	1	1	1	1	1
89006-X11 SEE NOTE 10 LEAD FREE OPTION	E	3	3	3	3	3	3
	D	3	3	3	3	3	3
	C	3	3	3	3	3	3
	B	3	3	3	3	3	3
	A	3	3	3	3	3	3
89006-X12 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	1	1	1	1	1	1
	A	1	1	1	1	1	1
89006-X13 SEE NOTE 10 LEAD FREE OPTION	E	4	4	4	4	4	4
	D	19	19	19	19	19	19
	C	4	4	4	4	4	4
	B	4	4	4	4	4	4
	A	4	4	4	4	4	4
89006-X14 SEE NOTE 10 LEAD FREE OPTION	E	4	4	4	4	4	4
	D	3	3	3	3	3	3
	C	4	4	4	4	4	4
	B	4	4	4	4	4	4
	A	4	4	4	4	4	4
89006-X15 SEE NOTE 10 LEAD FREE OPTION	E	1	1	1	1	1	1
	D	1	1	1	1	1	1
	C	1	1	1	1	1	1
	B	1	1	1	1	1	1
	A	3	3	3	3	3	3
89006-X16 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	2	2	2	2
89006-X17 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	19	19	19	19	19	19
89006-X19 SEE NOTE 10 LEAD FREE OPTION	E	4	4	4	4	4	4
	D	4	4	4	4	4	4
	C	4	4	4	4	4	4
	B	4	4	4	4	4	4
	A	4	4	4	4	4	4
89006-X20 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	5	5	5	5	5	5
89006-X21 SEE NOTE 10 LEAD FREE OPTION	E	7	7	7	7	7	7
	D	7	7	7	7	7	7
	C	7	7	7	7	7	7
	B	7	7	7	7	7	7
	A	7	7	7	7	7	7
89006-X22 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	5	5	5	5	5	5
	A	5	5	5	5	5	5
89006-X23 SEE NOTE 10 LEAD FREE OPTION	E	8	8	8	8	8	8
	D	20	20	20	20	20	20
	C	8	8	8	8	8	8
	B	8	8	8	8	8	8
	A	8	8	8	8	8	8
89006-X24 SEE NOTE 10 LEAD FREE OPTION	E	8	8	8	8	8	8
	D	7	7	7	7	7	7
	C	8	8	8	8	8	8
	B	8	8	8	8	8	8
	A	8	8	8	8	8	8
89006-X25 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	7	7	7	7	7	7
89006-X26 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	6	6	6	6	6	6
89006-X27 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	20	20	20	20	20	20
89006-X29 SEE NOTE 10 LEAD FREE OPTION	E	8	8	8	8	8	8
	D	8	8	8	8	8	8
	C	8	8	8	8	8	8
	B	8	8	8	8	8	8
	A	8	8	8	8	8	8
89006-X30 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	9	9	9	9	9	9
89006-X31 SEE NOTE 10 LEAD FREE OPTION	E	11	11	11	11	11	11
	D	11	11	11	11	11	11
	C	11	11	11	11	11	11
	B	11	11	11	11	11	11
	A	11	11	11	11	11	11
89006-X32 SEE NOTE 10 LEAD FREE OPTION	E	12	12	12	12	12	12
	D	11	11	11	11	11	11
	C	11	11	11	11	11	11
	B	9	9	9	9	9	9
	A	9	9	9	9	9	9
89006-X33 SEE NOTE 10 LEAD FREE OPTION	E	12	12	12	12	12	12
	D	21	21	21	21	21	21
	C	12	12	12	12	12	12
	B	12	12	12	12	12	12
	A	12	12	12	12	12	12
89006-X34 SEE NOTE 10 LEAD FREE OPTION	E	12	12	12	12	12	12
	D	11	11	11	11	11	11
	C	12	12	12	12	12	12
	B	12	12	12	12	12	12
	A	12	12	12	12	12	12
89006-X35 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	11	11	11	11	11	11

spec ref	*	dr	Terran Huang	2010/07/08	projection	mm	size	A4	scale	1:1	
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				product family	METRAL	rel level	Released
surface	3.200 ISO 1302	appr	Collins Lu	2014/12/03	product family			METRAL	rel level	Released	
	near	0.X	±0.3		title			METRAL SIGNAL HEADER	dwg no	89006	rev
		0.XX	±0.13		1 MOD, 5 ROW PRESS-FIT						
	angular	0°	±2°		www.fci.com			cat. no.		-	

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	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						METRAL P/N	ROW	CONTACT CODE MOD. I																												
A	89006-X36 SEE NOTE 10 LEAD FREE OPTION	E	10	10	10	10	10	10	89006-X41 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	2	2	2	89006-X45 SEE NOTE 10 LEAD FREE OPTION	E	1	1	1	1	1	1	89006-X49 SEE NOTE 10 LEAD FREE OPTION	E	4	4	4	4	4	4	89006-X53 SEE NOTE 10 LEAD FREE OPTION	E	6	6	6	6	6	6	89006-X57 SEE NOTE 10 LEAD FREE OPTION	E	6	6	6	6	6	6							
		D	10	10	10	10	10	10		D	1	1	1	1	1	1		D	19	19	19	19	19	19		D	3	3	3	3	3	3		D	6	6	6	6	6	6		D	7	7	7	7	7	7							
		C	10	10	10	10	10	10		C	2	2	2	2	2	2		C	1	1	1	1	1	1		C	3	3	3	3	3	3		C	6	6	6	6	6	6		C	6	6	6	6	6	6	C	6	6	6	6	6	6
		B	10	10	10	10	10	10		B	2	2	2	2	2	2		B	19	19	19	19	19	19		B	3	3	3	3	3	3		B	6	6	6	6	6	6		B	6	6	6	6	6	6	B	6	6	6	6	6	6
		A	10	10	10	10	10	10		A	3	3	3	3	3	3		A	1	1	1	1	1	1		A	19	19	19	19	19	19		A	8	8	8	8	8	8		A	8	8	8	8	8	8	A	7	7	7	7	7	7
B	89006-X37 SEE NOTE 10 LEAD FREE OPTION	E	10	10	10	10	10	10	89006-X42 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	2	2	2	89006-X46 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	2	2	2	89006-X50 SEE NOTE 10 LEAD FREE OPTION	E	6	6	6	6	6	6	89006-X54 SEE NOTE 10 LEAD FREE OPTION	E	5	5	5	5	5	5	89006-X58 SEE NOTE 10 LEAD FREE OPTION	E	20	20	20	20	20	20							
		D	10	10	10	10	10	10		D	4	4	4	4	4	4		D	2	2	2	2	2	2		D	6	6	6	6	6	6		D	7	7	7	7	7	7		D	20	20	20	20	20	20							
		C	10	10	10	10	10	10		C	4	4	4	4	4	4		C	4	4	4	4	4	4		C	6	6	6	6	6	6		C	8	8	8	8	8	8		C	20	20	20	20	20	20							
		B	10	10	10	10	10	10		B	3	3	3	3	3	3		B	2	2	2	2	2	2		B	8	8	8	8	8	8		B	7	7	7	7	7	7		B	20	20	20	20	20	20							
		A	21	21	21	21	21	21		A	4	4	4	4	4	4		A	2	2	2	2	2	2		A	6	6	6	6	6	6		A	5	5	5	5	5	5		A	20	20	20	20	20	20							
C	89006-X39 SEE NOTE 10 LEAD FREE OPTION	E	12	12	12	12	12	12	89006-X43 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	2	2	2	89006-X47 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	2	2	2	89006-X51 SEE NOTE 10 LEAD FREE OPTION	E	6	6	6	6	6	6	89006-X55 SEE NOTE 10 LEAD FREE OPTION	E	5	5	5	5	5	5	89006-X59 SEE NOTE 10 LEAD FREE OPTION	E	8	8	8	8	8	8							
		D	12	12	12	12	12	12		D	2	2	2	2	2	2		D	3	3	3	3	3	3		D	5	5	5	5	5	5		D	20	20	20	20	20	20		D	7	7	7	7	7	7							
		C	12	12	12	12	12	12		C	2	2	2	2	2	2		C	2	2	2	2	2	2		C	6	6	6	6	6	6		C	5	5	5	5	5	5		C	7	7	7	7	7	7							
		B	12	12	12	12	12	12		B	2	2	2	2	2	2		B	2	2	2	2	2	2		B	6	6	6	6	6	6		B	20	20	20	20	20	20		B	7	7	7	7	7	7							
		A	12	12	12	12	12	12		A	4	4	4	4	4	4		A	3	3	3	3	3	3		A	7	7	7	7	7	7		A	5	5	5	5	5	5		A	20	20	20	20	20	20							
D	89006-X40 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	2	2	2	89006-X44 SEE NOTE 10 LEAD FREE OPTION	E	1	1	1	1	1	1	89006-X48 SEE NOTE 10 LEAD FREE OPTION	E	19	19	19	19	19	19	89006-X52 SEE NOTE 10 LEAD FREE OPTION	E	6	6	6	6	6	6	89006-X56 SEE NOTE 10 LEAD FREE OPTION	E	6	6	6	6	6	6	89006-X60 SEE NOTE 10 LEAD FREE OPTION	E	10	10	10	10	10	10							
		D	2	2	2	2	2	2		D	3	3	3	3	3	3		D	19	19	19	19	19	19		D	8	8	8	8	8	8		D	6	6	6	6	6	6		D	10	10	10	10	10	10							
		C	2	2	2	2	2	2		C	4	4	4	4	4	4		C	19	19	19	19	19	19		C	8	8	8	8	8	8		C	8	8	8	8	8	8		C	10	10	10	10	10	10							
		B	4	4	4	4	4	4		B	3	3	3	3	3	3		B	19	19	19	19	19	19		B	7	7	7	7	7	7		B	6	6	6	6	6	6		B	12	12	12	12	12	12							
		A	2	2	2	2	2	2		A	1	1	1	1	1	1		A	19	19	19	19	19	19		A	8	8	8	8	8	8		A	6	6	6	6	6	6		A	10	10	10	10	10	10							



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

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		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-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	D		11	11	11	11	11	D	4		4	4	4	4	D	19	19		19	19	19	D	20	20	20		20	20					
	C	10	10	10	10	10	10		C	9	9	9	9	9	C		11	11	11	11	11	C	4		4	4	4	4	C	4	4		4	4	4	C	7	7	7		7	7					
	B	10	10	10	10	10	10		B	21	21	21	21	21	B		11	11	11	11	11	B	4		4	4	4	4	B	3	3		3	3	3	B	20	20	20		20	20					
	A	11	11	11	11	11	11		A	9	9	9	9	9	A		21	21	21	21	21	A	13		13	13	13	13	A	3	3		3	3	3	A	7	7	7		7	7					

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				product family	METRAL	rel level	Released	
ISO 1101		appr	Collins Lu	2014/12/03	METRAL			rel level	Released			
surface	3.2	0.X	±0.3		METRAL SIGNAL HEADER			dwg no	89006		rev	
		0.XX	±0.13		1 MOD, 5 ROW PRESS-FIT							BF
		0.XXX	±.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	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

spec ref	*	dr	Terran Huang	2010/07/08	projection	mm	size	A4	scale	1:1		
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				product family	METRAL	rel level	Released	
surface	3.2	appr	Collins Lu	2014/12/03	product family			METRAL	rel level	Released		
ISO 1302	angular	0°	±2°		title			METRAL SIGNAL HEADER	dwg no	89006	rev	BF
				www.fci.com	cat. no.			-	Product - Customer Drw		sheet 6 of 9	



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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	77	77	77	77	77	77

spec ref	*	dr	Terran Huang	2010/07/08			size	A4	scale	1:1
tolerance std	ISO 406 ISO 1101	eng	Michael Song	2014/12/02			ecn no	ELX-DG-19567-1		
surface	3.2	near	0.X	±0.3			product family	METRAL	rel level	Released
			0.XX	±0.13						
ISO 1302	angular	0°	±2°	www.fci.com	cat. no.	-	Product - Customer Drw	sheet 7 of 9		

89006-X110 SEE NOTE 10 LEAD FREE OPTION	89006-X111 SEE NOTE 10 LEAD FREE OPTION	89006-X112 SEE NOTE 10 LEAD FREE OPTION	89006-X113 SEE NOTE 10 LEAD FREE OPTION	89006-X114 SEE NOTE 10 LEAD FREE OPTION	89006-X115 SEE NOTE 10 LEAD FREE OPTION	89006-X116 SEE NOTE 10 LEAD FREE OPTION	89006-X117 SEE NOTE 10 LEAD FREE OPTION	89006-X118 SEE NOTE 10 LEAD FREE OPTION	89006-X119 SEE NOTE 10 LEAD FREE OPTION	89006-X120 SEE NOTE 10 LEAD FREE OPTION	89006-X121 SEE NOTE 10 LEAD FREE OPTION	89006-X122 SEE NOTE 10 LEAD FREE OPTION	89006-X123 SEE NOTE 10 LEAD FREE OPTION	89006-X124 SEE NOTE 10 LEAD FREE OPTION	89006-X125 SEE NOTE 10 LEAD FREE OPTION	89006-X126 SEE NOTE 10 LEAD FREE OPTION	89006-X127 SEE NOTE 10 LEAD FREE OPTION	89006-X128 SEE NOTE 10 LEAD FREE OPTION	89006-X129 SEE NOTE 10 LEAD FREE OPTION	89006-X130 SEE NOTE 10 LEAD FREE OPTION	89006-X131 SEE NOTE 10 LEAD FREE OPTION	89006-X132 SEE NOTE 10 LEAD FREE OPTION
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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-X133 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	2	2	89006-X137 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	3	3	89006-X141 SEE NOTE 10 LEAD FREE OPTION	E	1	1	1	1	3	89006-X145 SEE NOTE 10 LEAD FREE OPTION	E	5	5	1	1	7	5			
	D	2	2	2	2	2		D	2	2	2	3	3		D	1	1	1	1	3		D	5	5	1	1	7	5			
	C	2	2	2	2	2		C	2	2	2	3	3		C	3	3	3	3	3		C	5	5	1	1	7	7			
	B	2	2	2	2	2		B	2	2	2	3	3		B	1	1	1	1	3		B	5	5	1	1	7	5			
	A	2	2	1	2	2		A	2	2	2	3	3		A	1	1	1	1	3		A	5	5	1	1	7	5			
89006-X134 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	2	2	89006-X138 SEE NOTE 10 LEAD FREE OPTION	E	2	3	2	2	2	89006-X142 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	3	3	89006-X143 SEE NOTE 10 LEAD FREE OPTION	E	3	1	3	1	3	3			
	D	2	2	2	2	2		D	2	3	2	2	2		D	2	2	2	3	3		D	3	1	3	1	3	3			
	C	2	2	3	3	2		C	2	3	2	2	2		C	2	2	2	3	3		C	3	3	3	1	3	3			
	B	2	2	2	2	2		B	2	3	2	2	2		B	2	2	2	3	3		B	3	1	3	1	3	3			
	A	2	2	2	2	2		A	2	2	2	2	2		A	2	2	2	3	3		A	3	1	3	1	3	3			
89006-X135 SEE NOTE 10 LEAD FREE OPTION	E	2	3	2	2	2	89006-X139 SEE NOTE 10 LEAD FREE OPTION	E	59	59	11	6	6	11	89006-X144 SEE NOTE 10 LEAD FREE OPTION	E	7	5	5	5	5	5									
	D	2	3	2	2	2		D	59	59	11	6	6	11		D	7	5	5	5	5	D	7	5	5	5	5	5			
	C	2	3	2	2	2		C	59	59	11	6	6	11		C	7	5	5	5	5	C	7	5	5	5	5	5			
	B	2	3	2	2	2		B	59	59	11	6	6	11		B	7	5	5	5	5	B	7	5	5	5	5	5			
	A	2	2	2	2	2		A	59	59	11	6	6	11		A	7	5	5	5	5	A	7	5	5	5	5	5			
89006-X136 SEE NOTE 10 LEAD FREE OPTION	E	2	3	2	3	2	89006-X140 SEE NOTE 10 LEAD FREE OPTION	E	1	1	1	1	1	1	89006-X144 SEE NOTE 10 LEAD FREE OPTION	E	7	5	5	5	5	5									
	D	2	3	2	3	2		D	1	1	1	1	3	1		D	7	5	5	5	5	D	7	5	5	5	5	5			
	C	2	3	2	3	2		C	1	1	1	1	1	1		C	7	5	5	5	5	C	7	5	5	5	5	5			
	B	2	3	2	3	2		B	1	1	1	1	1	1		B	7	5	5	5	5	B	7	5	5	5	5	5			
	A	2	3	2	3	2		A	1	1	1	1	1	1		A	7	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	ISO 406 ISO 1101	eng	Michael Song	2014/12/02			ecn no	ELX-DG-19567-1			
surface	3.200 linear	chr	Tian-Zhao Lin	2014/12/03				product family	METRAL		rel level
		appr	Collins Lu	2014/12/03	METRAL		rel level	Released			
					www.fci.com	title	METRAL SIGNAL HEADER			rev	BF
							cat. no.	-	Product - Customer Drw	sheet 8 of 9	

ProjE File - REV C - 2009-06-09


PRODUCT NUMBER

89006-XYX

89006-XYXLF

NOTES:

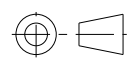


1. FOR DIM A AND B SEE SHEET 2 AND UP.
2. BODY MATERIAL: LIQUID CRYSTAL
POLYMER 30 % GLASS.
FLAME RETARDANT ACC. UL 94-V0.
3. PIN MATERIAL:
PHOSPHOR BRONZE.
4. PLATING ON PRESS-FIT TAIL:
73931-XYX IS SnPb
73931-XYXLF IS SN (LEAD FREE)
PLATING ON CONTACT AREA CONFORMS TO PERFORMANCE
LEVEL SHOWN IN TABLE 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.	-
-N1YY	TELCORDIA CO (NXT)	-
-N5YY	TELCORDIA UE (NXT)	-
-1YY	TELCORDIA CO	-
-2YY	TELECOM CLASS	-
-3YY	IEC CLASS 1	-
-5YY	TELCORDIA UE	-
-N1YY	TELCORDIA CO (NXT) IEC CLASS 1	SEE NOTE 9
-N5YYLF	TELCORDIA UE (NXT)	SEE NOTE 9
-1YYLF	TELCORDIA CO IEC CLASS 1	SEE NOTE 9
-2YYLF	TELECOM CLASS	SEE NOTE 9
-5YYLF	TELCORDIA UE	SEE NOTE 9



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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	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		rev	
surface	3.20 linear			title			METRAL SIGNAL HEADER		dwg no	
	0.X ±0.3	www.fci.com		1 MOD, 5 ROW PRESS-FIT			89006		BF	
	0.XX ±0.13	cat. no.		-			Product - Customer Drw		sheet 9 of 9	
	0.XXX ±.050									
ISO 1302	angular 0° ±2°									