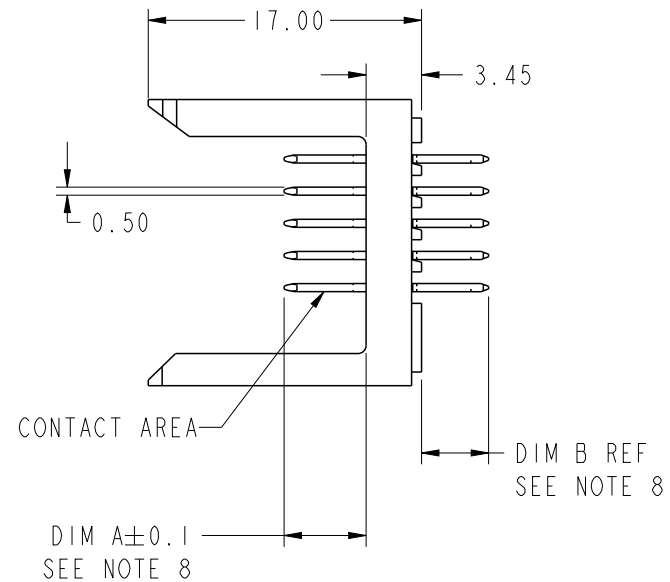
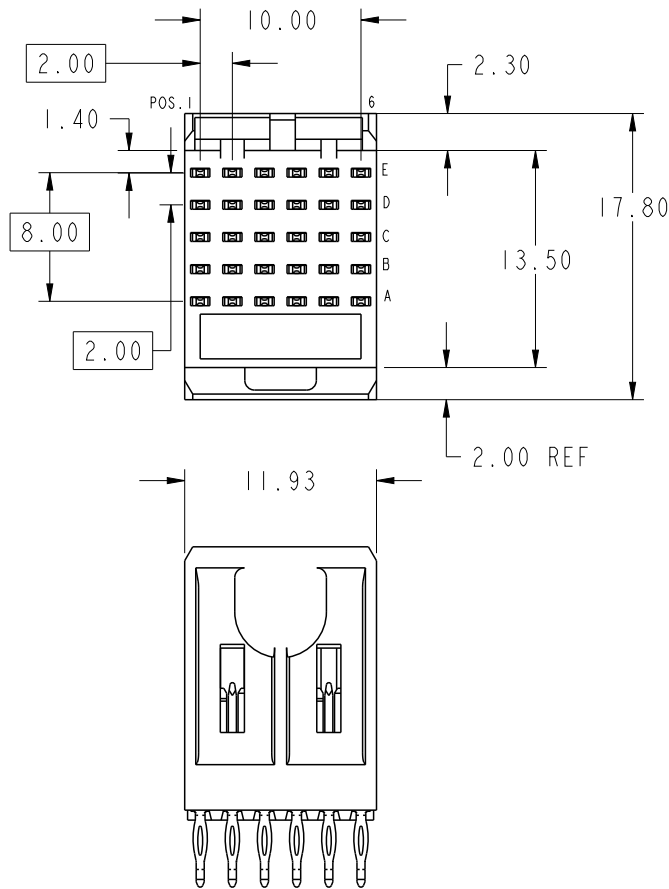




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PRODUCT NUMBER
89006-XYX
89006-XYXLF



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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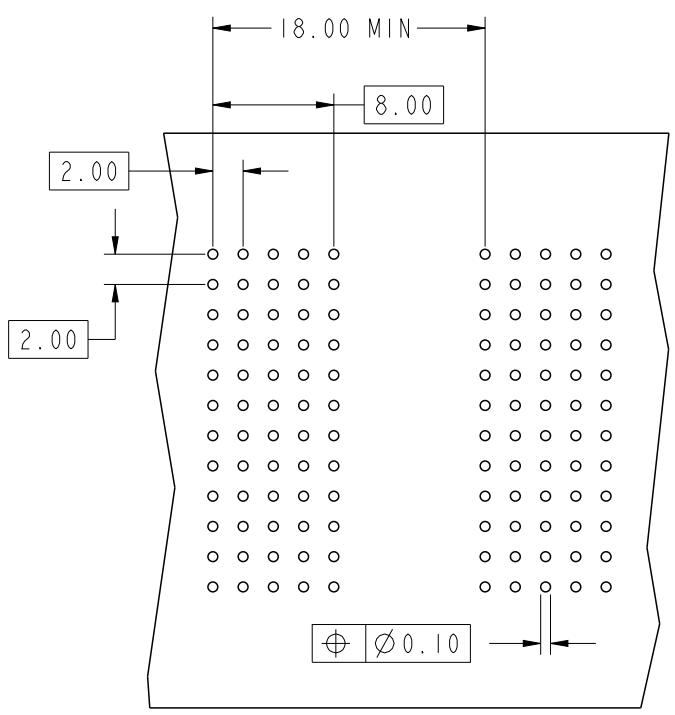
PDS: Rev :BF

STATUS:Released

Printed: Dec 03, 2014

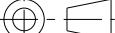


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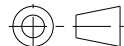
REQUIRED PC BOARD LAYOUT
COMPONENT SIDE
SEE PRINT 58351 FOR
ADDITIONAL PCB INFORMATION

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	±.050										
angular				0°	±2°	www.fci.com	cat. no.	-	Product - Customer Drw			sheet 2 of 9	



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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						METRAL P/N		ROW	CONTACT CODE MOD. I													
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	D	20			20	20	20	20	D	6	6			6	6	6	D	11	11	11			11	11					
		C	I	I	I	I	I			C	4	4	4	4	4	C			4	4	4	4	4	C	8			8	8	8	8	C	6	6			6	6	6	C	11	11	11			11	11					
		B	I	I	I	I	I			B	4	4	4	4	4	B			4	4	4	4	4	B	8			8	8	8	8	B	6	6			6	6	6	B	9	9	9			9	9					
		A	I	I	I	I	I			A	4	4	4	4	4	A			4	4	4	4	4	A	8			8	8	8	8	A	20	20			20	20	20	A	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													
89006-X11 SEE NOTE 10 LEAD FREE OPTION		E	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	89006-X24 SEE NOTE 10 LEAD FREE OPTION		E	8	8	8	8	8	89006-X29 SEE NOTE 10 LEAD FREE OPTION		E	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			D	I	I	I	I	I			D	5	5	5	5	5			D	7	7	7	7	7			D	8	8	8	8	8			D	21	21	21	21	21					
		C	3	3	3	3	3			C	I	I	I	I	I			C	5	5	5	5	5			C	8	8	8	8	8			C	8	8	8	8	8			C	12	12	12	12	12					
		B	3	3	3	3	3			B	I	I	I	I	I			B	5	5	5	5	5			B	8	8	8	8	8			B	8	8	8	8	8			B	12	12	12	12	12					
		A	3	3	3	3	3			A	3	3	3	3	3			A	5	5	5	5	5			A	8	8	8	8	8			A	8	8	8	8	8			A	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													
89006-X12 SEE NOTE 10 LEAD FREE OPTION		E	4	4	4	4	4	89006-X16 SEE NOTE 10 LEAD FREE OPTION		E	2	2	2	2	2	89006-X21 SEE NOTE 10 LEAD FREE OPTION		E	7	7	7	7	7	89006-X25 SEE NOTE 10 LEAD FREE OPTION		E	5	5	5	5	5	89006-X30 SEE NOTE 10 LEAD FREE OPTION		E	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			D	2	2	2	2	2			D	7	7	7	7	7			D	5	5	5	5	5			D	9	9	9	9	9			D	11	11	11	11	11					
		C	3	3	3	3	3			C	2	2	2	2	2			C	7	7	7	7	7			C	5	5	5	5	5			C	9	9	9	9	9			C	12	12	12	12	12					
		B	I	I	I	I	I			B	2	2	2	2	2			B	7	7	7	7	7			B	5	5	5	5	5			B	9	9	9	9	9			B	12	12	12	12	12					
		A	I	I	I	I	I			A	2	2	2	2	2			A	7	7	7	7	7			A	7	7	7	7	7			A	9	9	9	9	9			A	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													
89006-X13 SEE NOTE 10 LEAD FREE OPTION		E	4	4	4	4	4	89006-X17 SEE NOTE 10 LEAD FREE OPTION		E	2	2	2	2	2	89006-X22 SEE NOTE 10 LEAD FREE OPTION		E	8	8	8	8	8	89006-X26 SEE NOTE 10 LEAD FREE OPTION		E	6	6	6	6	6	89006-X31 SEE NOTE 10 LEAD FREE OPTION		E	11	11	11	11	11	89006-X35 SEE NOTE 10 LEAD FREE OPTION		E	9	9	9	9	9					
		D	19	19	19	19	19			D	2	2	2	2	2			D	7	7	7	7	7			D	6	6	6	6	6			D	11	11	11	11	11			D	9	9	9	9	9					
		C	4	4	4	4	4			C	2	2	2	2	2			C	7	7	7	7	7			C	6	6	6	6	6			C	11	11	11	11	11			C	9	9	9	9	9					
		B	4	4	4	4	4			B	2	2	2	2	2			B	5	5	5	5	5			B	6	6	6	6	6			B	11	11	11	11	11			B	9	9	9	9	9					
		A	4	4	4	4	4			A	19	19	19	19	19			A	5	5	5	5	5			A	6	6	6	6	6			A	11	11	11	11	11			A	11	11	11	11	11					
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		surface		3.200 linear				chr		Tian-Zhao Lin				2014/12/03				product family										METRAL				rel level		Released																		
ISO 1302		angular		0°				±2°		www.fci.com		cat. no.				-				Product - Customer Drw				sheet 3 of 9																												



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

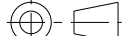
METRAL P/N		ROW	CONTACT CODE MOD. I					
			I	2	3	4	5	6
89006-X44 SEE NOTE 10 LEAD FREE OPTION		E	1	1	1	1	1	1
		D	3	3	3	3	3	3
		C	4	4	4	4	4	4
		B	3	3	3	3	3	3
		A	1	1	1	1	1	1

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

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						
				appr	Collins Lu	2014/12/03						
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.	-	Product - Customer Drw				sheet 4 of 9		

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METRAL P/N		CONTACT CODE MOD. I					METRAL P/N		CONTACT CODE MOD. I					METRAL P/N		CONTACT CODE MOD. I					METRAL P/N		CONTACT CODE MOD. I					METRAL P/N		CONTACT CODE MOD. I					METRAL P/N		CONTACT CODE MOD. I																																														
		ROW	1	2	3	4			5	6	ROW	1	2			3	4	5	6	ROW			1	2	3	4	5			6	ROW	1	2	3			4	5	6	ROW	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	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	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	20	20	20	20	20	20														
							A	11	11	11	11	11	11								A	9	9	9	9	9	9								A	21	21	21	21	21	21								A	13	13	13	13	13	13								A	3	3	3	3	3	3								A	7	7	7	7	7	7
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	20	20	20	20	20	20														
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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	8	8	8	8	8	8														
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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	14	14	14	14	14	14														
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spec ref		*		dr		Terran Huang		2010/07/08		projection		mm		size		scale	
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surface		3.200		appr		Collins Lu		2014/12/03		product family		METRAL		rev		BF	
ISO 1302		angular		0°		±2°		www.fci.com		cat. no.		-		Product - Customer Drw		sheet 5 of 9	
0.X		±0.3		0.XX		±0.13		0.XXX		±0.050		0°		±2°		89006	
0°		±2°		title		METRAL SIGNAL HEADER		dwg no		89006		rev		BF		cat. no.	
1 MOD, 5 ROW PRESS-FIT		-		Product - Customer Drw		sheet 5 of 9		PDS: Rev :BF		STATUS:Released		Printed: Dec 03, 2014		rev		cat. no.	



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B	89006-X86						89006-X90						89006-X94						89006-X98						89006-X102						89006-X106					
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C	89006-X87						89006-X91						89006-X95						89006-X99						89006-X103						89006-X107					
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D	89006-X88						89006-X92						89006-X96						89006-X100						89006-X104						89006-X108					
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J	89006-X94						89006-X98						89006-X102						89006-X106						89006-X110						89006-X114					
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K	89006-X95						89006-X99						89006-X103						89006-X107						89006-X111						89006-X115					
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R	89006-X102						89006-X106						89006-X110						89006-X114						89006-X118						89006-X122					
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Y	89006-X109						89006-X113						89006-X117						89006-X121						89006-X125						89006-X129					
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Z	89006-X110						89006-X114						89006-X118						89006-X122						89006-X126						89006-X130					
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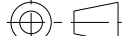
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	D	59	59	59	59	59	59
	C	59	59	59	59	59	59
	B	59	59	59	59	59	59
	A	7	7	7	7	7	7

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					
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		sheet 7 of 9	



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A

B

C

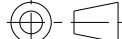
D

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-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-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-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

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 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 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	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Michael Song	
ISO 406				chr		Tian-Zhao Lin	
ISO 1101				appr		Collins Lu	
surface		linear		product family		METRAL	
ISO 1302		angular		title		METRAL SIGNAL HEADER	
		0.X ±0.3		cat. no.		-	
		0.XX ±0.13		Product - Customer Drw		sheet 9 of 9	
		0.XXX ±.050		STATUS:Released		Printed: Dec 03, 2014	
		0° ±2°		PDS: Rev :BF			
		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