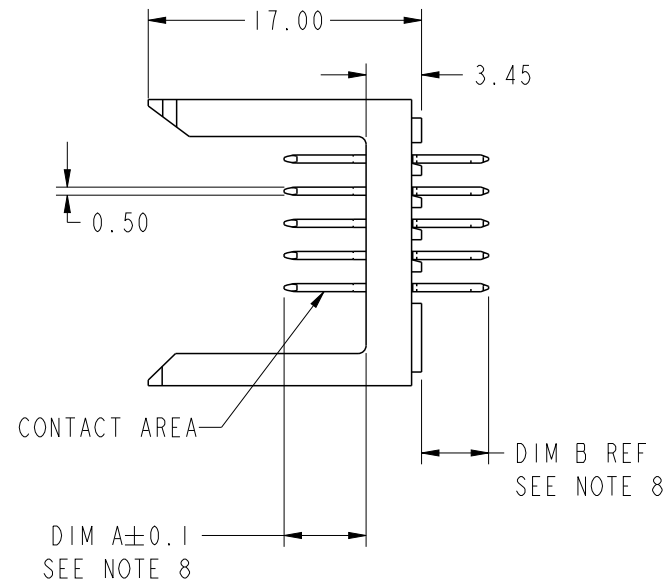
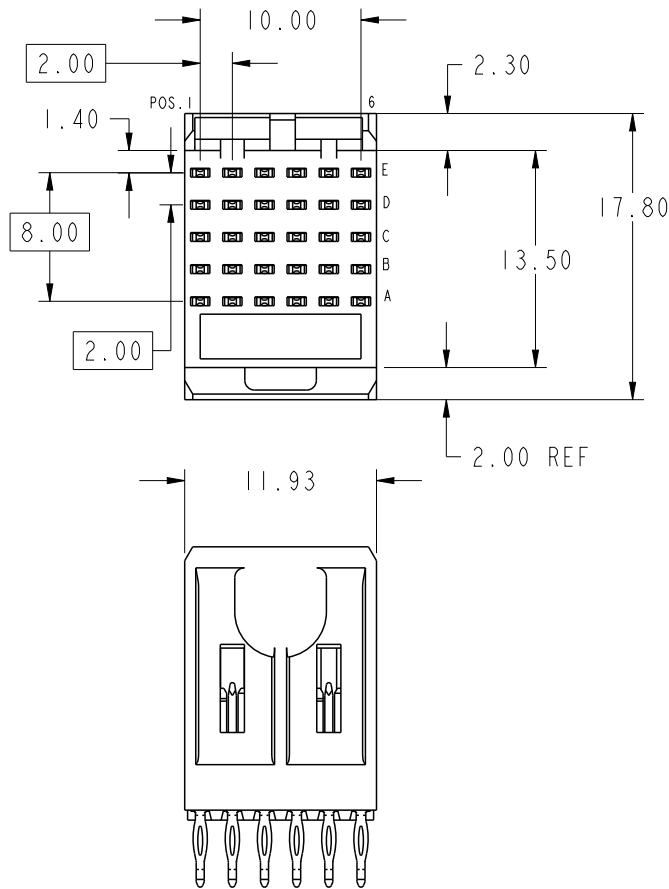




Copyright FCI.

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		

PrintE File - REV C - 2009-06-09

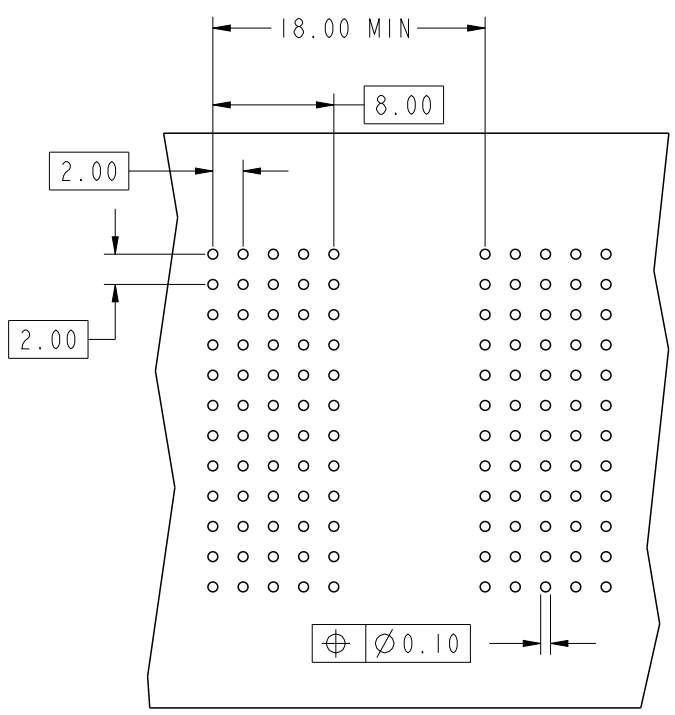
PDS: Rev :BF

STATUS:Released

Printed: Dec 03, 2014

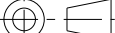


Copyright FCI.



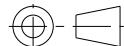
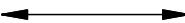
REQUIRED PC BOARD LAYOUT
COMPONENT SIDE
SEE PRINT 58351 FOR
ADDITIONAL PCB INFORMATION

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	linear	0.X	±0.3		title METRAL SIGNAL HEADER 1 MOD, 5 ROW PRESS-FIT				dwg no	89006		rev BF
ISO 1302	angular	0.XX	±0.13										
		0.XXX	±0.050										
www.fci.com					cat. no.	-		Product - Customer Drw				sheet 2 of 9	



Copyright FCI.

												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	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																				
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	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	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	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	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																				
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	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	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	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	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																				
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	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	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	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								
		A	4	4	4	4	4	A			19	19	19	19	19	A	5			5	5	5	5	5	A	6			6	6	6	6	6	A	11			11	11	11	11	11	A	11			11	11	11	11	11								
spec ref *												dr		Terran Huang		2010/07/08		projection		mm		size		A4		scale		1:1																															
tolerance std												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		89006		rev		BF																																	
ISO 1302												angular		0°		±2°		www.fci.com		cat. no.		-		Product - Customer Drw		sheet 3 of 9																																	



Copyright FCI.

D

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						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-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	D		19	19	19	19	19	19	D		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	C		1	1	1	1	1	C	3		3	3	3	3	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	B		19	19	19	19	19	B	3		3	3	3	3	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	A	1	1	1	1	1	A	19	19	19	19	19	A	8	8	8	8	8	8	A	7	7	7	7	7	7										
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						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-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	D		2	2	2	2	2	D	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	C		6	6	6	6	6	C	8		8	8	8	8	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	B		2	2	2	2	2	B	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	A	2	2	2	2	2	A	6	6	6	6	6	A	5	5	5	5	5	5	A	20	20	20	20	20	20										
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						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-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	D		3	3	3	3	3	D	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	C		6	6	6	6	6	C	5		5	5	5	5	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	B		6	6	6	6	6	B	20		20	20	20	20	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	A	3	3	3	3	3	A	7	7	7	7	7	A	5	5	5	5	5	5	A	20	20	20	20	20	20										
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						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-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	D		19	19	19	19	19	D	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	C		19	19	19	19	19	C	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	B		19	19	19	19	19	B	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	A	19	19	19	19	19	A	8	8	8	8	8	A	6	6	6	6	6	6	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			TOLERANCES UNLESS OTHERWISE SPECIFIED			eng			Michael Song			2014/12/02									ecn no			ELX-DG-19567-1			rel level			Released															
ISO 1101			chr			Tian-Zhao Lin			2014/12/03																																							
surface			3.2			linear			appr			Collins Lu			2014/12/03			product family			METRAL			dwg no			89006			rev			BF															
ISO 1302			angular			0°			±2°			www.fci.com			cat. no.			-			Product - Customer Drw			sheet 4 of 9																								



Copyright FCI.

A

B

C

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						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-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							
	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							
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																							
		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																												
		1	2	3	4	5	6			1	2	3	4	5	6			1	2	3	4	5	6			1	2	3	4	5	6																							
		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																												
		1	2	3	4	5	6			1	2	3	4	5	6			1	2	3	4	5	6			1	2	3	4	5	6																							
		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	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	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	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									



Copyright FCI.

A

B

C

D

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-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	Terran Huang	2010/07/08	projection		mm	size	A4	scale	1:1
tolerance std	ISO 406 ISO 1101	eng	Michael Song	2014/12/02	chr	Tian-Zhao Lin	2014/12/03	ecn no	ELX-DG-19567-1	rel level	Released
surface	3.200 linear	appr	Collins Lu	2014/12/03	product family	METRAL	rel level	Released	rev	BF	
ISO 1302	angular	0°	±2°	www.fci.com	cat. no.	-	Product - Customer Drw	sheet 6 of 9			



Copyright FCI.

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	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	



Copyright FCI.

A

B

C

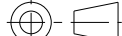
D

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							
ISO 1101				appr Collins Lu 2014/12/03				rel level Released			
surface 3.200 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

Print File - REV C - 2009-06-09



Copyright FCI.

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		
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	
	0.X										±0.3
	0.XX										±0.13
	0.XXX	±.050	www.fci.com	cat. no.	Product - Customer Drw		sheet 9 of 9				
ISO 1302	angular	0°								±2°	



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

Телефон: 8 (812) 309 58 32 (многоканальный)

Факс: 8 (812) 320-02-42

Электронная почта: org@eplast1.ru

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.