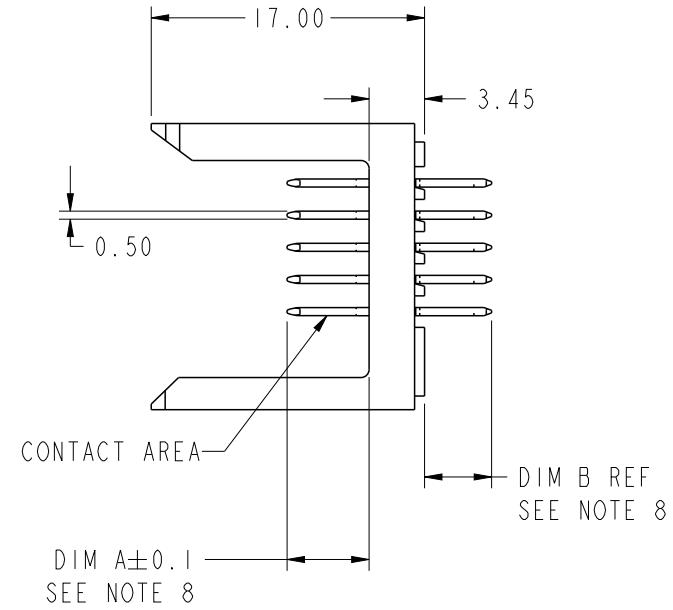
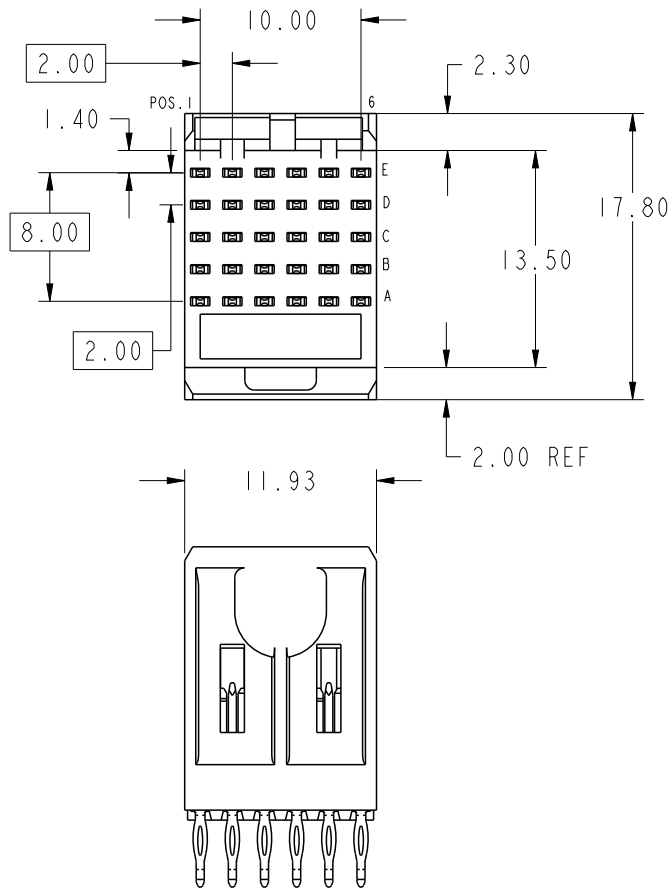
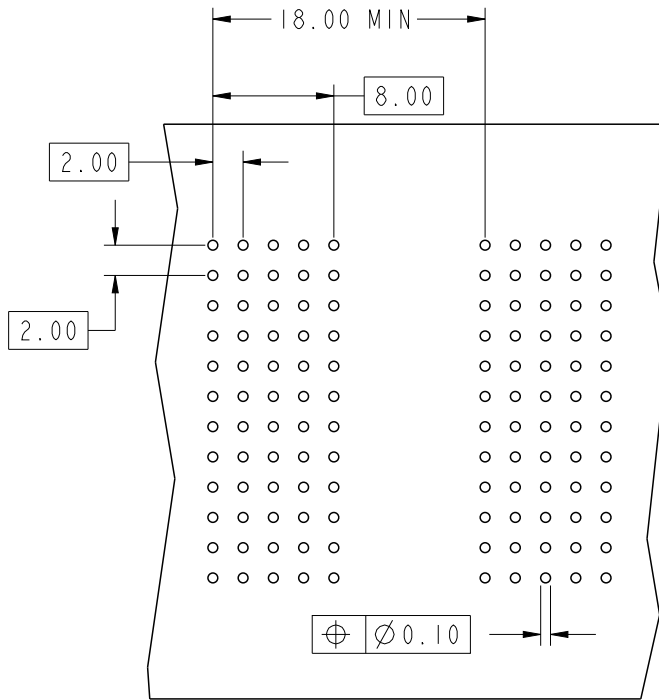


PRODUCT NUMBER

89006-XYLF

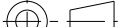
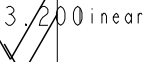


spec ref	*	dr	Terran Huang	2010/07/09	projection	mm	size	A4	scale	2:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	B T Varghese	2017/12/04			ecn no	ELX-I-28075-1		
ISO 406		chr	-	-			rel level	Released		
ISO 1101		appr	K-Paul Biju	2017/12/04	product family	METRAL				
surface	3.200 linear				title	METRAL SIGNAL HEADER	dwg no	89006	rev	BH
ISO 1302	angular				1 MOD, 5 ROW PRESS-FIT					
	0.X ±0.3	Amphenol FCI			cat. no.	-	Product - Customer Drw	sheet 1 of 9		
	0.XX ±0.13	www.fci.com								
	0.XXX ±0.050									
	0° ±2°									



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	2010/07/09	projection 	mm 	size	A4	scale	2:1					
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng			B T Varghese	2017/12/04	ecn no			ELX-I-28075-1			
ISO 406						chr			-	-	rel level				Released		
ISO 1101						appr			K-Paul Biju	2017/12/04	product family				METRAL		
surface			linear	0.X	±0.3			title	METRAL SIGNAL HEADER I MOD, 5 ROW PRESS-FIT				dwg no	89006		rev	BH
			0.XX	±0.13													
			0.XXX	±.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					
I 2 3 4 5 6								
89006-X36LF	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-X41LF	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-X45LF	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-X49LF	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-X53LF	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-X57LF	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-X37LF	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-X42LF	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-X46LF	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-X50LF	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-X54LF	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-X58LF	E	20	20	20	20	20	20	
	D	20	20	20	20	20	20	
	C	20	20	20	20	20	20	
	B	20	20	20	20	20	20	
	A	20	20	20	20	20	20	

METRAL P/N		ROW	CONTACT CODE MOD. I					
I 2 3 4 5 6								
89006-X39LF	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-X43LF	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-X47LF	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-X51LF	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-X55LF	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-X59LF	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-X40LF	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-X44LF	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-X48LF	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-X52LF	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-X56LF	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-X60LF	E	10	10	10	10	10	10	
	D	10	10	10	10	10	10	
	C	10	10	10	10	10	10	
	B	12	12	12	12	12	12	
	A	10	10	10	10	10	10	

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spec ref		*		dr	Terran Huang	2010/07/09	projection 	mm 	size	A4	scale	1:1
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	B T Varghese	2017/12/04			ecn no	ELX-I-28075-1		
ISO 406 ISO 1101				chr	-	-			rel level	Released		
				appr	K-Paul Biju	2017/12/04	product family		METRAL			
surface ISO 1302		linear	0.X ±0.3	Amphenol FCI	title METRAL SIGNAL HEADER 1 MOD, 5 ROW PRESS-FIT				dwg no 89006	rev BH		
			0.XX ±0.13									
			0.XXX ±.050									
ISO 1302	angular	0° ±2°	www.fci.com	cat. no.	-	Product - Customer Drw				sheet 4 of 9		

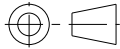
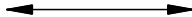
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METRAL P/N						CONTACT CODE MOD. I						METRAL P/N						CONTACT CODE MOD. I						METRAL P/N						CONTACT CODE MOD. I						METRAL P/N						CONTACT CODE MOD. I						METRAL P/N						CONTACT CODE MOD. I						METRAL P/N						CONTACT CODE MOD. I																	
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spec ref *						dr Terran Huang						2010/07/09						projection						mm						size A4						scale 1:1																																															
tolerance std						eng B T Varghese						2017/12/04																		ecn no ELX-1-28075-1																																																					
ISO 406						TOLERANCES UNLESS OTHERWISE SPECIFIED						chr -																		-						rel level Released																																															
ISO 1101						appr K-Paul Biju						2017/12/04						product family METRAL						dwg no 89006						rev BH																																																					
surface 3.200 linear						0.X ±0.3						Amphenol FCI						METRAL SIGNAL HEADER						cat. no. -						Product - Customer Drw						sheet 5 of 9																																															
0.XX ±0.13						0.XXX ±.050																																				1 MOD, 5 ROW PRESS-FIT																																									
ISO 1302						angular 0° ±2°						www.fci.com																																																																							

spec ref	*	dr	Terran Huang	2010/07/09	projection	mm	size	A4	scale	1:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	B T Varghese	2017/12/04			ecn no	ELX-I-28075-1		
ISO 406		chr	-	-				rel level	Released	
ISO 1101		appr	K-Paul Biju	2017/12/04	product family	METRAL				
surface	3.200 linear				title		METRAL SIGNAL HEADER		dwg no	89006
ISO 1302	angular				I MOD, 5 ROW PRESS-FIT				rev	BH
		0.X	±0.3							
		0.XX	±0.13							
		0.XXX	±.050							
		0°	±2°							
		www.fci.com			cat. no.	-	Product - Customer Drw		sheet 6 of 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-X109LF	E	59	59	59	59	59	59	89006-X113LF	E	6	6	6	6	6	5	89006-X117LF	E	6	6	6	6	6	6	89006-X121LF	E	8	6	6	6	6	6	89006-X125LF	E	6	6	6	6	6	6	89006-X129LF	E	2	2	2	2	4	4	
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	B	59	59	59	59	59	59		B	6	6	6	6	6	6		B	6	8	6	6	6	6		6	B	8	6	6	6	6		6	B	6	6	6	6	6		6	B	2	2	2	2	4	4
	A	7	7	7	7	7	7		A	6	6	6	6	6	6		A	6	8	6	6	6	6		6	A	8	6	6	6	6		6	A	6	6	6	6	6		6	A	2	2	2	2	2	2

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-X110LF	E	3	2	2	2	2	2	89006-X114LF	E	4	2	3	3	2	4	89006-X118LF	E	8	6	6	6	6	6	89006-X122LF	E	3	3	3	2	2	2	89006-X126LF	E	2	2	2	4	2	2	89006-X130LF	E	2	2	2	2	2	2
	D	3	2	2	2	2	2		D	4	2	3	3	2	4		D	8	6	6	6	6	6		D	2	2	2	2	2	2		D	2	2	2	4	2	2		D	4	4	4	4	4	4
	C	3	2	2	2	2	2		C	4	2	3	3	2	4		C	8	6	6	6	6	6		C	2	2	2	2	2	2		C	2	2	2	4	2	2		C	4	4	4	4	4	4
	B	3	2	2	2	2	2		B	4	2	3	3	2	4		B	8	6	6	6	6	6		B	2	2	2	2	2	2		B	2	2	2	4	2	2		B	4	4	4	4	4	4
	A	3	2	2	2	2	2		A	4	2	3	3	2	4		A	8	6	6	6	6	6		A	2	2	2	2	2	2		A	2	2	2	2	2	2		A	2	2	2	2	2	2

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-X111LF	E	2	2	2	2	2	3	89006-X115LF	E	2	2	2	1	2	2	89006-X119LF	E	2	2	2	2	2	2	89006-X123LF	E	2	2	2	2	2	2	89006-X127LF	E	2	2	4	2	2	2	89006-X131LF	E	8	6	6	8	6	6
	D	2	2	2	2	2	3		D	2	2	2	1	2	2		D	2	2	2	2	2	2		D	2	2	2	2	2	2		D	2	4	4	2	2	2		D	8	6	6	8	6	6
	C	2	2	2	2	2	3		C	2	2	2	1	2	2		C	1	2	2	2	2	2		C	19	19	19	19	19	19		C	2	4	4	2	2	2		C	8	8	8	8	5	6
	B	2	2	2	2	2	3		B	2	2	2	1	2	2		B	1	2	2	2	2	2		B	2	2	2	2	2	2		B	2	4	4	2	2	2		B	8	6	6	8	6	6
	A	2	2	2	2	2	3		A	1	2	2	1	2	2		A	1	2	2	2	2	2		A	2	2	2	2	2	2		A	2	2	4	2	2	2		A	8	6	6	8	6	6

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-X112LF	E	7	6	6	6	6	6	89006-X116LF	E	5	6	6	6	6	6	89006-X120LF	E	2	2	2	2	2	4	89006-X124LF	E	2	2	2	1	2	2	89006-X128LF	E	2	2	2	4	2	2	89006-X132LF	E	8	6	7	6	6	6
	D	7	6	6	6	6	6		D	5	6	6	6	6	6		D	2	2	2	2	2	4		D	2	2	2	2	2	2		D	2	2	2	4	4	2		D	8	6	7	6	6	6
	C	7	6	6	6	6	6		C	5	6	6	6	6	6		C	2	2	2	2	2	4		C	2	2	2	2	2	2		C	2	2	2	4	4	2		C	5	6	6	8	6	6
	B	7	6	6	6	6	6		B	5	6	6	6	6	6		B	2	2	2	2	2	4		B	2	2	2	2	2	2		B	2	2	2	4	4	2		B	8	8	7	8	6	6
	A	7	6	6	6	6	6		A	5	6	6	6	6	6		A	2	2	2	2	2	4		A	2	2	2	2	2	2		A	2	2	2	4	2	2		A	8	8	7	8	6	6

spec ref	*	dr	Terran Huang	2010/07/09	projection	mm	size	A4	scale	1:1
tolerance std	ISO 406 ISO 1101	eng	B T Varghese	2017/12/04	chr	-	ecn no	ELX-I-28075-1	rel level	Released
surface	3.200linear	appr	K-Paul Biju	2017/12/04	product family	METRAL	dwg no	89006	rev	BH
ISO 1302	angular	0°	±0.3	±0.13	±0.050	0°	±2°	www.fci.com	cat. no.	-
Product - Customer Drw										
sheet 7 of 9										

A

B

C

D

METRAL P/N		ROW	CONTACT CODE MOD. I					
1 2 3 4 5 6								
89006-X133LF	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-X137LF	E	2	2	2	3	3	2	
	D	2	2	2	3	3	2	
	C	2	2	2	3	3	2	
	B	2	2	2	3	3	2	
	A	2	2	2	3	3	2	

METRAL P/N		ROW	CONTACT CODE MOD. I					
1 2 3 4 5 6								
89006-X141LF	E	1	1	1	1	3	3	
	D	1	1	1	1	3	3	
	C	3	3	3	3	3	3	
	B	1	1	1	1	3	1	
	A	1	1	1	1	3	1	

METRAL P/N		ROW	CONTACT CODE MOD. I					
1 2 3 4 5 6								
89006-X145LF	E	5	5	1	1	7	5	
	D	5	5	1	1	7	5	
	C	5	5	1	1	7	7	
	B	5	5	1	1	7	5	
	A	5	5	1	1	7	5	

METRAL P/N		ROW	CONTACT CODE MOD. I					
1 2 3 4 5 6								
89006-X149LF	E	2	2	2	2	2	1	
	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	

METRAL P/N		ROW	CONTACT CODE MOD. I					
1 2 3 4 5 6								
89006-X134LF	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-X138LF	E	2	3	2	2	2	2	
	D	2	3	2	2	2	2	
	C	2	3	2	2	2	2	
	B	2	3	2	2	2	2	
	A	2	2	2	2	2	3	

METRAL P/N		ROW	CONTACT CODE MOD. I					
1 2 3 4 5 6								
89006-X142LF	E	2	2	2	3	3	3	
	D	2	2	2	3	3	3	
	C	2	2	2	3	3	3	
	B	2	2	2	3	3	3	
	A	2	2	2	3	3	3	

METRAL P/N		ROW	CONTACT CODE MOD. I					
1 2 3 4 5 6								
89006-X146LF	E	3	2	2	2	2	1	
	D	3	2	2	2	2	1	
	C	3	2	2	2	2	1	
	B	3	2	2	2	2	1	
	A	3	2	2	2	2	1	

METRAL P/N		ROW	CONTACT CODE MOD. I					
1 2 3 4 5 6								
89006-X150LF	E	2	2	1	2	2	1	
	D	2	1	2	2	2	2	
	C	2	2	1	2	2	2	
	B	2	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-X135LF	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-X139LF	E	59	59	11	6	6	11	
	D	59	59	11	6	6	11	
	C	59	59	11	6	6	11	
	B	59	59	11	6	6	11	
	A	59	59	11	6	6	11	

METRAL P/N		ROW	CONTACT CODE MOD. I					
1 2 3 4 5 6								
89006-X143LF	E	3	1	3	1	3	3	
	D	3	1	3	1	3	3	
	C	3	3	3	1	3	3	
	B	3	1	3	1	3	3	
	A	3	1	3	1	3	3	

METRAL P/N		ROW	CONTACT CODE MOD. I					
1 2 3 4 5 6								
89006-X147LF	E	1	1	1	1	1	1	
	D	1	1	1	1	1	1	
	C	3	3	3	3	3	3	
	B	1	1	1	1	1	1	
	A	1	1	1	1	1	1	

METRAL P/N		ROW	CONTACT CODE MOD. I					
1 2 3 4 5 6								
89006-X151LF	E	1	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	

METRAL P/N		ROW	CONTACT CODE MOD. I					
1 2 3 4 5 6								
89006-X136LF	E	2	3	2	3	2	2	
	D	2	3	2	3	2	2	
	C	2	3	2	3	2	2	
	B	2	3	2	3	2	2	
	A	2	3	2	3	2	2	

METRAL P/N		ROW	CONTACT CODE MOD. I					
1 2 3 4 5 6								
89006-X140LF	E	1	1	1	1	1	1	
	D	1	1	1	1	3	1	
	C	1	1	1	1	1	1	
	B	1	1	1	1	1	1	
	A	1	1	1	1	1	1	

METRAL P/N		ROW	CONTACT CODE MOD. I					
1 2 3 4 5 6								
89006-X144LF	E	7	5	5	5	5	5	
	D	7	5	5	5	5	5	
	C	7	5	5	5	5	5	
	B	7	5	5	5	5	5	
	A	7	5	5	5	5	5	

METRAL P/N		ROW	CONTACT CODE MOD. I					
1 2 3 4 5 6								
89006-X148LF	E	8	6	6	6	6	6	
	D	8	6	6	6	6	6	
	C	8	6	6	6	5	8	
	B	8	6	6	6	6	6	
	A	8	6	6	6	6	6	

BH



spec ref		*		dr		Terran Huang		2010/07/09		projection				mm		size		A4		scale		1:1			
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng		B T Varghese		2017/12/04				ecn no		ELX-I-28075-1									
ISO 406						chr		-		-				rel level		Released									
ISO 1101						appr		K-Paul Biju		2017/12/04				product family		METRAL									
surface						3.200		linear		0.X		±0.3		Amphenol FCI		title		METRAL SIGNAL HEADER		I MOD, 5 ROW PRESS-FIT		dwg no		89006	
				0.XX		±0.13																			
				0.XXX		±.050																			
ISO 1302		angular		0°		±2°		www.fci.com		cat. no.		-		Product - Customer Drw		sheet 8 of 9									

PRODUCT NUMBER

89006-XYLFF

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.

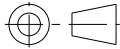
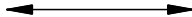
4. PLATING ON PRESS-FIT TAIL:

73931-XYLFF 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-XXXP7. 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-47-0004.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. -A PLATING HAS Au FLASH IN PRESS FIT AREA (LEAD FREE)

(11) 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
-N1YY	TELCORDIA CO (NXT) IEC CLASS I	SEE NOTE 9
-N5YYLF	TELCORDIA UE (NXT)	SEE NOTE 9
-1YYLF	TELCORDIA CO IEC CLASS I	SEE NOTE 9
-2YYLF	TELECOM CLASS	SEE NOTE 9
-5YYLF	TELCORDIA UE	SEE NOTE 9

spec ref	*	dr	Terran Huang	2010/07/09	projection	mm	size	A4	scale	1:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	B T Varghese	2017/12/04			ecn no	ELX-I-28075-1		
ISO 406		chr	-	-			rel level	Released		
ISO 1101		appr	K-Paul Biju	2017/12/04	product family	METRAL	dwg no	89006		
surface	3.200 linear				title	METRAL SIGNAL HEADER			rev	BH
						1 MOD, 5 ROW PRESS-FIT				
ISO 1302	angular				cat. no.	-	Product - Customer Drw			sheet 9 of 9