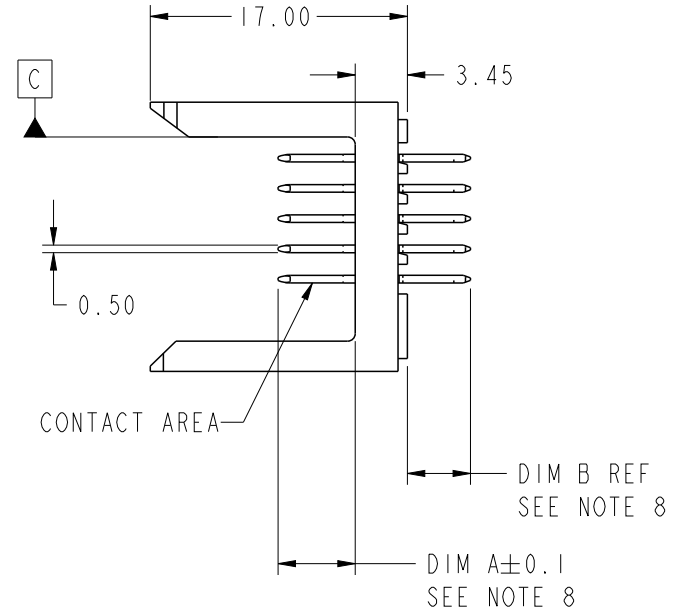
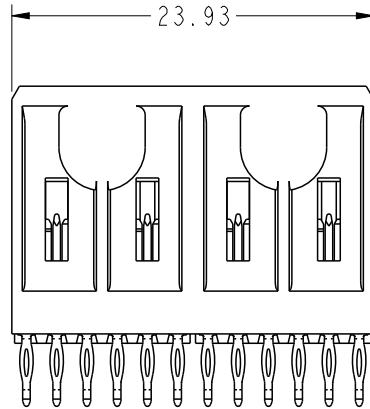
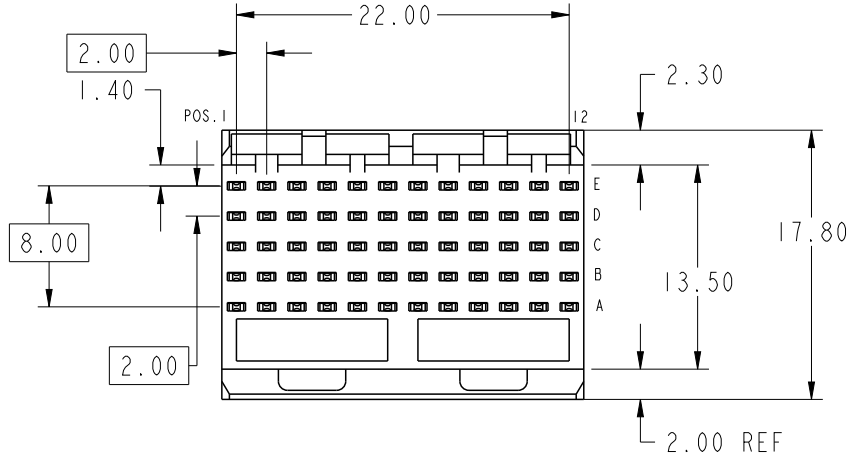
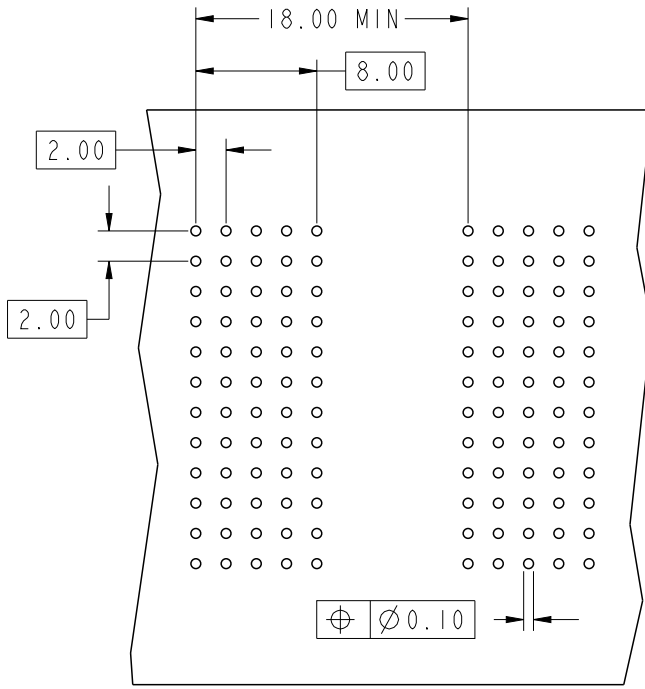


PRODUCT NUMBER
89007-XYLFF



spec ref		dr Terran Huang		2010/07/08		projection		size A4		scale 2:1			
tolerance std		eng Jibin John		2016/02/18				mm		ecn no ELX-I-23260-1			
ISO 406 ISO 1101		chr -		-				← →		rel level Released			
TOLERANCES UNLESS OTHERWISE SPECIFIED		appr K-Paul Biju		2016/02/18		product family METRAL							
surface		linear		0.X ±0.3				title METRAL SIGNAL HEADER 2 MOD, 5 ROW PRESS-FIT		dwg no 89007		rev	
ISO 1302		angular		0° ±2°						Product - Customer Drw		sheet 1 of 13	



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

KEY (SIGNAL PF)		
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

spec ref *		dr Terran Huang		2010/07/08		projection		size A4		scale 2:1	
tolerance std		eng Jibin John		2016/02/18				mm		ecn no ELX-I-23260-1	
ISO 406 ISO 1101		chr -		-				← →		rel level Released	
surface		appr K-Paul Biju		2016/02/18		product family METRAL		rev		89007	
ISO 1302		linear		0.X ±0.3		Amphenol FCI title METRAL SIGNAL HEADER 2 MOD, 5 ROW PRESS-FIT cat. no. -		dwg no		AG	
linear		0.XX ±0.13		0.XXX ±0.050				Product - Customer Drw		sheet 2 of 13	
angular		0° ±2°									

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X36LF	E	10	10	10	10	10	10	10	10	10	10	10	10
	D	10	10	10	10	10	10	10	10	10	10	10	10
	C	10	10	10	10	10	10	10	10	10	10	10	10
	B	10	10	10	10	10	10	10	10	10	10	10	10
	A	10	10	10	10	10	10	10	10	10	10	10	10

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X41LF	E	2	2	2	2	2	2	2	2	2	2	2	2
	D	1	1	1	1	1	1	1	1	1	1	1	1
	C	2	2	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2	2	2	2	2	2
	A	3	3	3	3	3	3	3	3	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X45LF	E	1	1	1	1	1	1	1	1	1	1	1	1
	D	19	19	19	19	19	19	19	19	19	19	19	19
	C	1	1	1	1	1	1	1	1	1	1	1	1
	B	19	19	19	19	19	19	19	19	19	19	19	19
	A	1	1	1	1	1	1	1	1	1	1	1	1

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X37LF	E	10	10	10	10	10	10	10	10	10	10	10	10
	D	10	10	10	10	10	10	10	10	10	10	10	10
	C	10	10	10	10	10	10	10	10	10	10	10	10
	B	10	10	10	10	10	10	10	10	10	10	10	10
	A	21	21	21	21	21	21	21	21	21	21	21	21

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X42LF	E	2	2	2	2	2	2	2	2	2	2	2	2
	D	4	4	4	4	4	4	4	4	4	4	4	4
	C	4	4	4	4	4	4	4	4	4	4	4	4
	B	3	3	3	3	3	3	3	3	3	3	3	3
	A	4	4	4	4	4	4	4	4	4	4	4	4

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X46LF	E	2	2	2	2	2	2	2	2	2	2	2	2
	D	2	2	2	2	2	2	2	2	2	2	2	2
	C	4	4	4	4	4	4	4	4	4	4	4	4
	B	2	2	2	2	2	2	2	2	2	2	2	2
	A	2	2	2	2	2	2	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X39LF	E	12	12	12	12	12	12	12	12	12	12	12	12
	D	12	12	12	12	12	12	12	12	12	12	12	12
	C	12	12	12	12	12	12	12	12	12	12	12	12
	B	12	12	12	12	12	12	12	12	12	12	12	12
	A	12	12	12	12	12	12	12	12	12	12	12	12

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X43LF	E	2	2	2	2	2	2	2	2	2	2	2	2
	D	2	2	2	2	2	2	2	2	2	2	2	2
	C	2	2	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2	2	2	2	2	2
	A	4	4	4	4	4	4	4	4	4	4	4	4

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X47LF	E	2	2	2	2	2	2	2	2	2	2	2	2
	D	3	3	3	3	3	3	3	3	3	3	3	3
	C	2	2	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2	2	2	2	2	2
	A	3	3	3	3	3	3	3	3	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X40LF	E	2	2	2	2	2	2	2	2	2	2	2	2
	D	2	2	2	2	2	2	2	2	2	2	2	2
	C	2	2	2	2	2	2	2	2	2	2	2	2
	B	4	4	4	4	4	4	4	4	4	4	4	4
	A	2	2	2	2	2	2	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X44LF	E	1	1	1	1	1	1	1	1	1	1	1	1
	D	3	3	3	3	3	3	3	3	3	3	3	3
	C	4	4	4	4	4	4	4	4	4	4	4	4
	B	3	3	3	3	3	3	3	3	3	3	3	3
	A	1	1	1	1	1	1	1	1	1	1	1	1

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X48LF	E	19	19	19	19	19	19	19	19	19	19	19	19
	D	19	19	19	19	19	19	19	19	19	19	19	19
	C	19	19	19	19	19	19	19	19	19	19	19	19
	B	19	19	19	19	19	19	19	19	19	19	19	19
	A	19	19	19	19	19	19	19	19	19	19	19	19

spec ref		dr	Terran Huang	2010/07/08	projection 	mm 	size	A4	scale	1:1
tolerance std		eng	Jibin John	2016/02/18			ecn no	ELX-I-23260-1		
ISO 406 ISO 1101		chr	-	-			rel level	Released		
surface		appr	K-Paul Biju	2016/02/18	product family		METRAL		rev	
ISO 1302	linear	0.X	±0.3		Amphenol FCI	METRAL SIGNAL HEADER		dwg no	89007	AG
		0.XX	±0.13			2 MOD, 5 ROW PRESS-FIT				
		0.XXX	±0.050			cat. no.	*			
	angular	0°	±2°							

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X49LF	E	4	4	4	4	4	4	4	4	4	4	4	4
	D	3	3	3	3	3	3	3	3	3	3	3	3
	C	3	3	3	3	3	3	3	3	3	3	3	3
	B	3	3	3	3	3	3	3	3	3	3	3	3
	A	19	19	19	19	19	19	19	19	19	19	19	19

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X53LF	E	6	6	6	6	6	6	6	6	6	6	6	6
	D	6	6	6	6	6	6	6	6	6	6	6	6
	C	6	6	6	6	6	6	6	6	6	6	6	6
	B	6	6	6	6	6	6	6	6	6	6	6	6
	A	8	8	8	8	8	8	8	8	8	8	8	8

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X57LF	E	6	6	6	6	6	6	6	6	6	6	6	6
	D	7	7	7	7	7	7	7	7	7	7	7	7
	C	6	6	6	6	6	6	6	6	6	6	6	6
	B	6	6	6	6	6	6	6	6	6	6	6	6
	A	7	7	7	7	7	7	7	7	7	7	7	7

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X50LF	E	6	6	6	6	6	6	6	6	6	6	6	6
	D	6	6	6	6	6	6	6	6	6	6	6	6
	C	6	6	6	6	6	6	6	6	6	6	6	6
	B	8	8	8	8	8	8	8	8	8	8	8	8
	A	6	6	6	6	6	6	6	6	6	6	6	6

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X54LF	E	5	5	5	5	5	5	5	5	5	5	5	5
	D	7	7	7	7	7	7	7	7	7	7	7	7
	C	8	8	8	8	8	8	8	8	8	8	8	8
	B	7	7	7	7	7	7	7	7	7	7	7	7
	A	5	5	5	5	5	5	5	5	5	5	5	5

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X58LF	E	20	20	20	20	20	20	20	20	20	20	20	20
	D	20	20	20	20	20	20	20	20	20	20	20	20
	C	20	20	20	20	20	20	20	20	20	20	20	20
	B	20	20	20	20	20	20	20	20	20	20	20	20
	A	20	20	20	20	20	20	20	20	20	20	20	20

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X51LF	E	6	6	6	6	6	6	6	6	6	6	6	6
	D	5	5	5	5	5	5	5	5	5	5	5	5
	C	6	6	6	6	6	6	6	6	6	6	6	6
	B	6	6	6	6	6	6	6	6	6	6	6	6
	A	7	7	7	7	7	7	7	7	7	7	7	7

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X55LF	E	5	5	5	5	5	5	5	5	5	5	5	5
	D	20	20	20	20	20	20	20	20	20	20	20	20
	C	5	5	5	5	5	5	5	5	5	5	5	5
	B	20	20	20	20	20	20	20	20	20	20	20	20
	A	5	5	5	5	5	5	5	5	5	5	5	5

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X59LF	E	8	8	8	8	8	8	8	8	8	8	8	8
	D	7	7	7	7	7	7	7	7	7	7	7	7
	C	7	7	7	7	7	7	7	7	7	7	7	7
	B	7	7	7	7	7	7	7	7	7	7	7	7
	A	20	20	20	20	20	20	20	20	20	20	20	20

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X52LF	E	6	6	6	6	6	6	6	6	6	6	6	6
	D	8	8	8	8	8	8	8	8	8	8	8	8
	C	8	8	8	8	8	8	8	8	8	8	8	8
	B	7	7	7	7	7	7	7	7	7	7	7	7
	A	8	8	8	8	8	8	8	8	8	8	8	8

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X56LF	E	6	6	6	6	6	6	6	6	6	6	6	6
	D	6	6	6	6	6	6	6	6	6	6	6	6
	C	8	8	8	8	8	8	8	8	8	8	8	8
	B	6	6	6	6	6	6	6	6	6	6	6	6
	A	6	6	6	6	6	6	6	6	6	6	6	6

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X60LF	E	10	10	10	10	10	10	10	10	10	10	10	10
	D	10	10	10	10	10	10	10	10	10	10	10	10
	C	10	10	10	10	10	10	10	10	10	10	10	10
	B	12	12	12	12	12	12	12	12	12	12	12	12
	A	10	10	10	10	10	10	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	eng	Jibin John	2016/02/18			product family	METRAL	ecn no	ELX-I-23260-1	rel level	Released
	TOLERANCES UNLESS OTHERWISE SPECIFIED		chr				-	rel level	Released		
surface	appr	K-Paul Biju	2016/02/18	product family		METRAL	rel level	Released	rev	AG	
ISO 1302	linear	0.X	±0.3	Amphenol FCI		METRAL SIGNAL HEADER		dwg no	89007	sheet 6 of 13	
		0.XX	±0.13			2 MOD, 5 ROW PRESS-FIT					
	angular	0°	±2°	cat. no.		*	Product - Customer Drw				

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X61LF	E	10	10	10	10	10	10	10	10	10	10	10	10
	D	9	9	9	9	9	9	9	9	9	9	9	9
	C	10	10	10	10	10	10	10	10	10	10	10	10
	B	10	10	10	10	10	10	10	10	10	10	10	10
	A	11	11	11	11	11	11	11	11	11	11	11	11

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X65LF	E	9	9	9	9	9	9	9	9	9	9	9	9
	D	21	21	21	21	21	21	21	21	21	21	21	21
	C	9	9	9	9	9	9	9	9	9	9	9	9
	B	21	21	21	21	21	21	21	21	21	21	21	21
	A	9	9	9	9	9	9	9	9	9	9	9	9

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X69LF	E	12	12	12	12	12	12	12	12	12	12	12	12
	D	11	11	11	11	11	11	11	11	11	11	11	11
	C	11	11	11	11	11	11	11	11	11	11	11	11
	B	11	11	11	11	11	11	11	11	11	11	11	11
	A	21	21	21	21	21	21	21	21	21	21	21	21

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X62LF	E	10	10	10	10	10	10	10	10	10	10	10	10
	D	12	12	12	12	12	12	12	12	12	12	12	12
	C	12	12	12	12	12	12	12	12	12	12	12	12
	B	11	11	11	11	11	11	11	11	11	11	11	11
	A	12	12	12	12	12	12	12	12	12	12	12	12

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X66LF	E	10	10	10	10	10	10	10	10	10	10	10	10
	D	10	10	10	10	10	10	10	10	10	10	10	10
	C	12	12	12	12	12	12	12	12	12	12	12	12
	B	10	10	10	10	10	10	10	10	10	10	10	10
	A	10	10	10	10	10	10	10	10	10	10	10	10

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X70LF	E	2	2	2	2	2	2	2	2	2	2	2	2
	D	2	2	2	2	2	2	2	2	2	2	2	2
	C	3	3	3	3	3	3	3	3	3	3	3	3
	B	2	2	2	2	2	2	2	2	2	2	2	2
	A	2	2	2	2	2	2	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X63LF	E	10	10	10	10	10	10	10	10	10	10	10	10
	D	10	10	10	10	10	10	10	10	10	10	10	10
	C	10	10	10	10	10	10	10	10	10	10	10	10
	B	10	10	10	10	10	10	10	10	10	10	10	10
	A	12	12	12	12	12	12	12	12	12	12	12	12

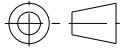
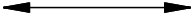
METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X67LF	E	10	10	10	10	10	10	10	10	10	10	10	10
	D	11	11	11	11	11	11	11	11	11	11	11	11
	C	10	10	10	10	10	10	10	10	10	10	10	10
	B	10	10	10	10	10	10	10	10	10	10	10	10
	A	11	11	11	11	11	11	11	11	11	11	11	11

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X71LF	E	3	3	3	3	3	3	3	3	3	3	3	3
	D	19	19	19	19	19	19	19	19	19	19	19	19
	C	3	3	3	3	3	3	3	3	3	3	3	3
	B	19	19	19	19	19	19	19	19	19	19	19	19
	A	3	3	3	3	3	3	3	3	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X64LF	E	9	9	9	9	9	9	9	9	9	9	9	9
	D	11	11	11	11	11	11	11	11	11	11	11	11
	C	12	12	12	12	12	12	12	12	12	12	12	12
	B	11	11	11	11	11	11	11	11	11	11	11	11
	A	9	9	9	9	9	9	9	9	9	9	9	9

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X68LF	E	21	21	21	21	21	21	21	21	21	21	21	21
	D	21	21	21	21	21	21	21	21	21	21	21	21
	C	21	21	21	21	21	21	21	21	21	21	21	21
	B	21	21	21	21	21	21	21	21	21	21	21	21
	A	21	21	21	21	21	21	21	21	21	21	21	21

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X72LF	E	19	19	19	19	19	19	19	19	19	19	19	19
	D	1	1	1	1	1	1	1	1	1	1	1	1
	C	1	1	1	1	1	1	1	1	1	1	1	1
	B	1	1	1	1	1	1	1	1	1	1	1	1
	A	19	19	19	19	19	19	19	19	19	19	19	19

spec ref		dr	Terran Huang	2010/07/08	projection 	mm 	size	A4	scale	1:1	
tolerance std		eng	Jibin John	2016/02/18			ecn no	ELX-I-23260-1			
ISO 406 ISO 1101		chr	-	-			rel level	Released			
surface		appr	K-Paul Biju	2016/02/18	product family		METRAL		rev		
ISO 1302	linear	Amphenol FCi			METRAL SIGNAL HEADER 2 MOD, 5 ROW PRESS-FIT		dwg no		89007		
											0.X
											0.XX
	angular	0°	±2°	cat. no.	*	Product - Customer Drw		sheet 7 of 13			

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11
89007-X73LF	E	4	4	4	4	4	4	4	4	4	4	4
	D	4	4	4	4	4	4	4	4	4	4	4
	C	4	4	4	4	4	4	4	4	4	4	4
	B	4	4	4	4	4	4	4	4	4	4	4
	A	13	13	13	13	13	13	13	13	13	13	13

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11
89007-X77LF	E	3	3	3	3	3	3	3	3	3	3	3
	D	19	19	19	19	19	19	19	19	19	19	19
	C	4	4	4	4	4	4	4	4	4	4	4
	B	3	3	3	3	3	3	3	3	3	3	3
	A	3	3	3	3	3	3	3	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11
89007-X81LF	E	7	7	7	7	7	7	7	7	7	7	7
	D	20	20	20	20	20	20	20	20	20	20	20
	C	7	7	7	7	7	7	7	7	7	7	7
	B	20	20	20	20	20	20	20	20	20	20	20
	A	7	7	7	7	7	7	7	7	7	7	7

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11
89007-X74LF	E	13	13	13	13	13	13	13	13	13	13	13
	D	4	4	4	4	4	4	4	4	4	4	4
	C	3	3	3	3	3	3	3	3	3	3	3
	B	4	4	4	4	4	4	4	4	4	4	4
	A	13	13	13	13	13	13	13	13	13	13	13

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11
89007-X78LF	E	13	13	13	13	13	13	13	13	13	13	13
	D	16	16	16	16	16	16	16	16	16	16	16
	C	2	2	2	2	2	2	2	2	2	2	2
	B	16	16	16	16	16	16	16	16	16	16	16
	A	13	13	13	13	13	13	13	13	13	13	13

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11
89007-X82LF	E	20	20	20	20	20	20	20	20	20	20	20
	D	5	5	5	5	5	5	5	5	5	5	5
	C	5	5	5	5	5	5	5	5	5	5	5
	B	5	5	5	5	5	5	5	5	5	5	5
	A	20	20	20	20	20	20	20	20	20	20	20

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11
89007-X75LF	E	3	3	3	3	3	3	3	3	3	3	3
	D	3	3	3	3	3	3	3	3	3	3	3
	C	2	2	2	2	2	2	2	2	2	2	2
	B	3	3	3	3	3	3	3	3	3	3	3
	A	3	3	3	3	3	3	3	3	3	3	3

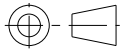

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11
89007-X79LF	E	3	3	3	3	3	3	3	3	3	3	3
	D	3	3	3	3	3	3	3	3	3	3	3
	C	4	4	4	4	4	4	4	4	4	4	4
	B	19	19	19	19	19	19	19	19	19	19	19
	A	4	4	4	4	4	4	4	4	4	4	4

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11
89007-X83LF	E	8	8	8	8	8	8	8	8	8	8	8
	D	8	8	8	8	8	8	8	8	8	8	8
	C	8	8	8	8	8	8	8	8	8	8	8
	B	8	8	8	8	8	8	8	8	8	8	8
	A	14	14	14	14	14	14	14	14	14	14	14

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11
89007-X76LF	E	1	1	1	1	1	1	1	1	1	1	1
	D	1	1	1	1	1	1	1	1	1	1	1
	C	1	1	1	1	1	1	1	1	1	1	1
	B	1	1	1	1	1	1	1	1	1	1	1
	A	4	4	4	4	4	4	4	4	4	4	4

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11
89007-X80LF	E	6	6	6	6	6	6	6	6	6	6	6
	D	6	6	6	6	6	6	6	6	6	6	6
	C	7	7	7	7	7	7	7	7	7	7	7
	B	6	6	6	6	6	6	6	6	6	6	6
	A	6	6	6	6	6	6	6	6	6	6	6

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11
89007-X84LF	E	14	14	14	14	14	14	14	14	14	14	14
	D	8	8	8	8	8	8	8	8	8	8	8
	C	7	7	7	7	7	7	7	7	7	7	7
	B	8	8	8	8	8	8	8	8	8	8	8
	A	14	14	14	14	14	14	14	14	14	14	14

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 Jibin John			2016/02/18	ecn no	ELX-I-23260-1		
			chr			-	product family	METRAL		rel level
surface ISO 1302	linear	0.X	±0.3	Amphenol FCI	METRAL SIGNAL HEADER	dwg no	89007	rev	AG	
		0.XX	±0.13							
		0.XXX	±0.050							
	angular	0°	±2°	cat. no.	*	Product - Customer Drw		sheet 8 of 13		

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11
89007-X85LF	E	7	7	7	7	7	7	7	7	7	7	7
	D	7	7	7	7	7	7	7	7	7	7	7
	C	6	6	6	6	6	6	6	6	6	6	6
	B	7	7	7	7	7	7	7	7	7	7	7
	A	7	7	7	7	7	7	7	7	7	7	7

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11
89007-X89LF	E	7	7	7	7	7	7	7	7	7	7	7
	D	7	7	7	7	7	7	7	7	7	7	7
	C	8	8	8	8	8	8	8	8	8	8	8
	B	17	17	17	17	17	17	17	17	17	17	17
	A	20	20	20	20	20	20	20	20	20	20	20

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11
89007-X93LF	E	12	12	12	12	12	12	12	12	12	12	12
	D	12	12	12	12	12	12	12	12	12	12	12
	C	12	12	12	12	12	12	12	12	12	12	12
	B	12	12	12	12	12	12	12	12	12	12	12
	A	15	15	15	15	15	15	15	15	15	15	15

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11
89007-X86LF	E	5	5	5	5	5	5	5	5	5	5	5
	D	5	5	5	5	5	5	5	5	5	5	5
	C	5	5	5	5	5	5	5	5	5	5	5
	B	5	5	5	5	5	5	5	5	5	5	5
	A	8	8	8	8	8	8	8	8	8	8	8

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11
89007-X90LF	E	10	10	10	10	10	10	10	10	10	10	10
	D	10	10	10	10	10	10	10	10	10	10	10
	C	11	11	11	11	11	11	11	11	11	11	11
	B	10	10	10	10	10	10	10	10	10	10	10
	A	10	10	10	10	10	10	10	10	10	10	10

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11
89007-X94LF	E	15	15	15	15	15	15	15	15	15	15	15
	D	12	12	12	12	12	12	12	12	12	12	12
	C	11	11	11	11	11	11	11	11	11	11	11
	B	12	12	12	12	12	12	12	12	12	12	12
	A	15	15	15	15	15	15	15	15	15	15	15

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11
89007-X87LF	E	7	7	7	7	7	7	7	7	7	7	7
	D	20	20	20	20	20	20	20	20	20	20	20
	C	8	8	8	8	8	8	8	8	8	8	8
	B	7	7	7	7	7	7	7	7	7	7	7
	A	7	7	7	7	7	7	7	7	7	7	7

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11
89007-X91LF	E	11	11	11	11	11	11	11	11	11	11	11
	D	21	21	21	21	21	21	21	21	21	21	21
	C	11	11	11	11	11	11	11	11	11	11	11
	B	21	21	21	21	21	21	21	21	21	21	21
	A	11	11	11	11	11	11	11	11	11	11	11

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11
89007-X95LF	E	11	11	11	11	11	11	11	11	11	11	11
	D	11	11	11	11	11	11	11	11	11	11	11
	C	10	10	10	10	10	10	10	10	10	10	10
	B	11	11	11	11	11	11	11	11	11	11	11
	A	11	11	11	11	11	11	11	11	11	11	11

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11
89007-X88LF	E	14	14	14	14	14	14	14	14	14	14	14
	D	17	17	17	17	17	17	17	17	17	17	17
	C	6	6	6	6	6	6	6	6	6	6	6
	B	17	17	17	17	17	17	17	17	17	17	17
	A	14	14	14	14	14	14	14	14	14	14	14

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11
89007-X92LF	E	21	21	21	21	21	21	21	21	21	21	21
	D	9	9	9	9	9	9	9	9	9	9	9
	C	9	9	9	9	9	9	9	9	9	9	9
	B	9	9	9	9	9	9	9	9	9	9	9
	A	21	21	21	21	21	21	21	21	21	21	21

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11
89007-X96LF	E	9	9	9	9	9	9	9	9	9	9	9
	D	9	9	9	9	9	9	9	9	9	9	9
	C	9	9	9	9	9	9	9	9	9	9	9
	B	9	9	9	9	9	9	9	9	9	9	9
	A	12	12	12	12	12	12	12	12	12	12	12

spec ref	*	dr	Terran Huang	2010/07/08	projection	mm	size	A4	scale	1:1	
tolerance std	ISO 406 ISO 1101	eng	Jibin John	2016/02/18			ecn no	ELX-I-23260-1			
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	-							
surface	linear	appr	K-Paul Biju	2016/02/18	product family	METRAL	rel level	Released			
	angular	Amphenol FCI		METRAL SIGNAL HEADER			dwg no	89007		rev	AG
	0.X ±0.3			2 MOD, 5 ROW PRESS-FIT			Product - Customer Drw		sheet 9 of 13		
	0.XX ±0.13										
	0.XXX ±0.050										
	0° ±2°										

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X97LF	E	11	11	11	11	11	11	11	11	11	11	11	11
	D	21	21	21	21	21	21	21	21	21	21	21	21
	C	12	12	12	12	12	12	12	12	12	12	12	12
	B	11	11	11	11	11	11	11	11	11	11	11	11
	A	11	11	11	11	11	11	11	11	11	11	11	11

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X101LF	E	3	3	3	3	3	3	3	3	3	3	3	3
	D	1	1	1	1	1	1	1	1	3	2	3	
	C	2	2	2	2	2	2	2	2	2	2	2	3
	B	2	2	2	2	2	2	2	2	2	2	2	3
	A	2	2	2	2	2	2	2	2	2	1	1	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X105LF	E	3	2	2	2	2	2	3	2	3	2	2	2
	D	3	2	2	2	2	2	4	2	3	2	2	2
	C	3	2	2	2	2	2	1	2	2	4	2	2
	B	3	2	2	2	2	2	4	4	3	2	2	2
	A	3	2	2	2	2	2	4	4	3	4	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X109LF	E	2	2	2	2	2	2	2	2	2	2	2	2
	D	2	2	2	2	2	2	2	2	2	2	2	2
	C	2	2	2	2	2	2	2	5	2	2	2	5
	B	2	2	2	2	2	2	2	2	2	2	2	2
	A	2	2	2	2	2	2	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X98LF	E	15	15	15	15	15	15	15	15	15	15	15	15
	D	18	18	18	18	18	18	18	18	18	18	18	18
	C	10	10	10	10	10	10	10	10	10	10	10	10
	B	18	18	18	18	18	18	18	18	18	18	18	18
	A	15	15	15	15	15	15	15	15	15	15	15	15

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X102LF	E	2	2	2	2	1	1	2	1	2	2	1	1
	D	2	2	2	2	1	1	2	2	2	1	1	
	C	1	2	2	2	1	1	2	2	1	1	1	1
	B	2	2	2	2	1	1	2	2	2	2	1	1
	A	1	2	1	2	1	1	2	2	1	1	1	1

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X106LF	E	2	1	2	2	2	2	2	2	2	2	2	2
	D	2	2	2	2	2	2	2	2	2	2	2	2
	C	2	1	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2	2	2	2	2	2
	A	2	1	2	2	2	2	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X110LF	E	2	2	2	2	2	2	2	2	2	2	2	2
	D	2	2	2	2	2	2	2	2	2	2	2	2
	C	1	2	2	2	2	2	2	2	2	2	2	1
	B	2	2	2	2	2	2	2	2	2	2	2	2
	A	2	2	2	2	2	2	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X99LF	E	11	11	11	11	11	11	11	11	11	11	11	11
	D	11	11	11	11	11	11	11	11	11	11	11	11
	C	12	12	12	12	12	12	12	12	12	12	12	12
	B	18	18	18	18	18	18	18	18	18	18	18	18
	A	21	21	21	21	21	21	21	21	21	21	21	21

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X103LF	E	6	6	6	6	6	6	6	6	6	6	6	6
	D	6	6	6	6	6	6	6	6	6	6	6	6
	C	6	6	6	6	6	6	6	5	6	6	6	5
	B	6	6	6	6	6	6	6	6	6	6	6	6
	A	6	6	6	6	6	6	6	6	6	6	6	6

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X107LF	E	2	1	2	2	2	2	2	2	2	2	2	2
	D	2	2	2	2	2	2	2	2	2	2	2	2
	C	2	2	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2	2	2	2	2	2
	A	2	1	2	2	2	2	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X111LF	E	2	2	2	2	2	2	2	2	2	2	3	2
	D	2	2	2	2	2	2	2	2	2	2	3	2
	C	2	2	2	2	2	2	2	2	2	2	3	2
	B	2	2	2	2	2	2	2	2	2	2	3	2
	A	2	2	2	2	2	2	2	2	2	2	3	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X100LF	E	2	2	2	2	2	2	2	2	2	2	2	1
	D	2	2	2	2	2	2	2	2	2	2	2	2
	C	2	2	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2	2	2	2	2	2
	A	2	2	2	2	2	2	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X104LF	E	6	6	6	6	6	6	6	6	6	6	6	6
	D	6	6	6	6	6	6	6	6	6	6	6	6
	C	6	6	6	6	6	6	6	5	6	6	6	6
	B	6	6	6	6	6	6	6	6	6	6	6	6
	A	6	6	6	6	6	6	6	6	6	6	6	6

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X108LF	E	2	2	2	4	2	4	2	2	1	4	2	2
	D	2	2	2	4	2	4	2	2	1	4	2	2
	C	2	2	2	4	4	4	2	2	1	4	2	2
	B	2	2	2	4	2	4	1	2	2	4	2	2
	A	2	2	2	4	2	4	1	2	2	4	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X112LF	E	3	2	2	2	2	2	2	2	2	2	2	2
	D	3	2	2	2	2	2	2	2	2	2	2	2
	C	3	2	2	2	2	2	2	2	2	2	2	2
	B	3	2	2	2	2	2	2	2	2	2	2	2
	A	3	2	2	2	2	2	2	2	2	2	2	2

spec ref	*	dr	Terran Huang	2010/07/08	projection		size	A4	scale	1:1
tolerance std	ISO 406 ISO 1101	eng	Jibin John	2016/02/18			ecn no	ELX-I-23260-1		
surface	linear ISO 1302	chr	-	-			rel level	Released		
	angular	appr	K-Paul Biju	2016/02/18	product family	METRAL	rev	89007	AG	
		Amphenol FCI			METRAL SIGNAL HEADER 2 MOD, 5 ROW PRESS-FIT			sheet 10 of 13		

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X113LF	E	2	2	2	2	3	2	2	2	2	2	3	3
	D	2	2	2	2	3	2	2	2	2	2	3	3
	C	2	2	2	2	3	2	2	2	2	2	3	3
	B	2	2	2	2	3	2	2	2	2	2	3	3
	A	2	2	2	2	3	2	2	2	2	2	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X117LF	E	6	7	6	7	6	6	6	7	6	6	7	7
	D	6	7	6	7	6	6	6	7	6	6	7	7
	C	6	7	6	7	6	6	6	7	6	6	7	7
	B	6	7	6	7	6	6	6	7	6	6	7	7
	A	6	6	7	6	6	7	6	7	6	6	6	6

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X121LF	E	1	1	3	1	1	1	1	3	1	1	1	1
	D	1	1	3	1	1	1	1	3	1	1	1	1
	C	1	1	3	1	1	1	1	3	1	1	1	1
	B	1	1	3	1	1	1	1	3	1	1	1	1
	A	1	1	3	1	1	1	1	3	1	1	1	1

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X125LF	E	1	1	1	3	1	1	1	1	1	1	1	1
	D	1	1	1	3	1	1	1	1	1	1	1	1
	C	1	1	1	3	1	1	1	1	1	1	1	1
	B	1	1	1	3	1	1	1	1	1	1	1	1
	A	1	1	1	3	1	1	1	1	1	1	1	1

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X114LF	E	2	3	2	3	2	2	2	3	2	2	3	3
	D	2	3	2	3	2	2	2	3	2	2	2	3
	C	2	3	2	3	2	2	2	3	2	2	2	3
	B	2	3	2	3	2	2	2	3	2	2	2	3
	A	2	2	3	2	2	3	2	3	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X118LF	E	3	2	2	3	2	3	2	3	2	2	2	3
	D	3	2	2	3	2	3	2	3	2	2	2	3
	C	3	2	2	3	1	3	2	3	2	2	2	3
	B	3	2	2	3	2	3	2	3	2	2	2	3
	A	3	2	2	3	2	3	2	3	2	2	2	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X122LF	E	3	1	3	1	1	1	3	1	1	1	3	1
	D	3	1	3	1	1	1	3	1	1	1	3	1
	C	3	1	3	1	1	1	3	1	1	1	3	1
	B	3	1	3	1	1	1	3	1	1	1	3	1
	A	3	1	3	1	1	1	3	1	1	1	3	1

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X126LF	E	3	2	2	2	2	2	2	3	2	2	2	2
	D	3	2	2	2	2	2	2	3	2	2	2	2
	C	3	2	2	2	2	2	2	2	2	2	2	2
	B	3	2	2	1	2	2	2	3	2	2	2	2
	A	3	2	2	1	2	2	2	3	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X115LF	E	1	1	3	1	1	3	1	1	3	1	1	3
	D	1	1	3	1	1	3	1	1	3	3	3	3
	C	1	1	3	1	1	3	1	1	3	3	3	3
	B	1	1	3	1	1	3	1	1	3	3	3	3
	A	1	1	3	1	1	3	1	1	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X119LF	E	3	1	2	1	1	3	1	1	3	1	1	1
	D	3	1	2	1	1	3	1	1	3	1	1	1
	C	3	1	2	1	1	3	3	3	3	3	3	3
	B	3	1	2	1	1	3	1	1	3	1	1	1
	A	3	1	2	1	1	3	1	1	3	1	1	1

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X123LF	E	3	1	3	2	3	2	2	1	1	3	1	3
	D	3	1	3	2	3	2	2	1	1	3	1	3
	C	3	3	3	3	3	2	2	1	1	3	1	3
	B	3	1	3	1	3	2	2	1	1	3	1	3
	A	3	1	3	1	3	2	2	1	1	3	1	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X127LF	E	2	2	3	1	2	3	2	2	2	2	3	2
	D	2	2	3	1	2	3	2	2	2	2	3	2
	C	2	2	1	1	2	3	2	2	2	2	2	2
	B	2	2	3	2	2	3	2	2	2	2	3	2
	A	2	2	3	2	2	3	2	2	2	2	3	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X116LF	E	5	5	7	5	5	7	5	5	7	5	5	7
	D	5	5	7	5	5	7	5	5	7	7	7	7
	C	5	5	7	5	5	7	5	5	7	7	7	7
	B	5	5	7	5	5	7	5	5	7	7	7	7
	A	5	5	7	5	5	7	5	5	7	7	7	7

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X120LF	E	1	1	1	1	1	1	1	1	3	1	1	3
	D	1	1	1	1	1	1	1	1	3	1	1	3
	C	1	1	1	1	1	1	1	1	3	3	3	3
	B	1	1	1	1	1	1	1	1	3	1	1	3
	A	1	1	1	1	1	1	1	1	3	1	1	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X124LF	E	1	3	1	3	1	1	3	1	1	3	1	1
	D	1	3	1	3	1	1	3	1	1	3	1	1
	C	3	3	3	3	3	3	3	3	3	3	3	3
	B	1	3	1	3	1	1	3	1	1	3	1	1
	A	1	3	1	3	1	1	3	1	1	3	1	1

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X128LF	E	3	1	1	2	2	2	2	3	2	3	2	3
	D	3	1	2	2	2	1	2	3	2	3	2	3
	C	1	1	2	2	2	2	2	3	2	3	2	3
	B	3	2	2	2	2	2	2	3	2	3	2	3
	A	3	2	2	2	2	2	2	3	2	3	2	3

spec ref	*	dr	Terran Huang	2010/07/08	projection	mm	size	A4	scale	1:1
tolerance std	ISO 406 ISO 1101	eng	Jibin John	2016/02/18			ecn no	ELX-I-23260-1		
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	-						
surface	linear	appr	K-Paul Biju	2016/02/18	product family		METRAL		rel level	Released
	angular	Amphenol FCI		METRAL SIGNAL HEADER			dwg no	89007		rev
	0.X ±0.3			2 MOD, 5 ROW PRESS-FIT					AG	
	0.XX ±0.13			cat. no.			-		Product - Customer Drw	
	0.XXX ±0.050								sheet 11 of 13	
	0° ±2°									



METRAL P/N	ROW	CONTACT CODE											
		MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X129LF	E	2	2	2	2	2	2	1	2	2	2	2	2
	D	2	2	2	2	2	2	2	2	2	2	2	2
	C	2	2	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2	2	2	2	2	2
	A	2	2	2	2	2	2	2	2	2	2	2	2


spec ref *		dr	Terran Huang	2010/07/08	projection 	mm 	size	A4	scale	1:1
tolerance std		eng	Jibin John	2016/02/18			ecn no	ELX-I-23260-1		
ISO 406 ISO 1101		chr	-	-				rel level	Released	
surface		appr	K-Paul Biju	2016/02/18	product family		METRAL		rev	
ISO 1302	linear	0.X	±0.3		Amphenol FCi	title	METRAL SIGNAL HEADER		dwg no	89007
		0.XX	±0.13							
		0.XXX	±0.050							
	angular	0°	±2°		cat. no.	-	Product - Customer Drw		sheet 12 of 13	

PRODUCT NUMBER

89007-XYLFF

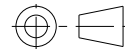

NOTES:

1. FOR DIM A AND B SEE SHEET 2 AND UP.
2. BODY MATERIAL: LIQUID CRYSTAL
POLYMER 30 % GLASS FILLED.
FLAME RETARDANT ACC. UL 94-V0.
3. PIN MATERIAL:
PHOSPHOR BRONZE.
4. PLATING ON PRESS-FIT TAIL:
89007-XYLFF IS SN (LEAD FREE)
PLATING ON CONTACT AREA CONFORMS TO PERFORMANCE
LEVEL SHOWN IN TABLE.
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-XXXPLF
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-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. REFER TO 85832 FOR OTHER LOAD VARIATIONS.
11. PLATING SPEC REFER TO THE DRAWING 10110324.
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
-N1YLF	TELCORDIA CO (NXT) IEC CLASS I	SEE NOTE 9
-N5YLF	TELCORDIA UE (NXT)	SEE NOTE 9
-1YLF	TELCORDIA CO IEC CLASS I	SEE NOTE 9
-2YLF	TELECOM CLASS	SEE NOTE 9
-5YLF	TELCORDIA UE	SEE NOTE 9

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	Jibin John	2016/02/18			ecn no	ELX-I-23260-1		
		chr	-	-			rel level	Released		
surface	linear	appr	K-Paul Biju	2016/02/18	product family	METRAL				
	angular									
ISO 1302	0.X	±0.3	Amphenol FCI	part no		METRAL SIGNAL HEADER		rev	AG	
	0.XX	±0.13		dwg no		89007				
	0.XXX	±0.050		cat. no.		-				
	0°	±2°	Product - Customer Drw		sheet 13 of 13					