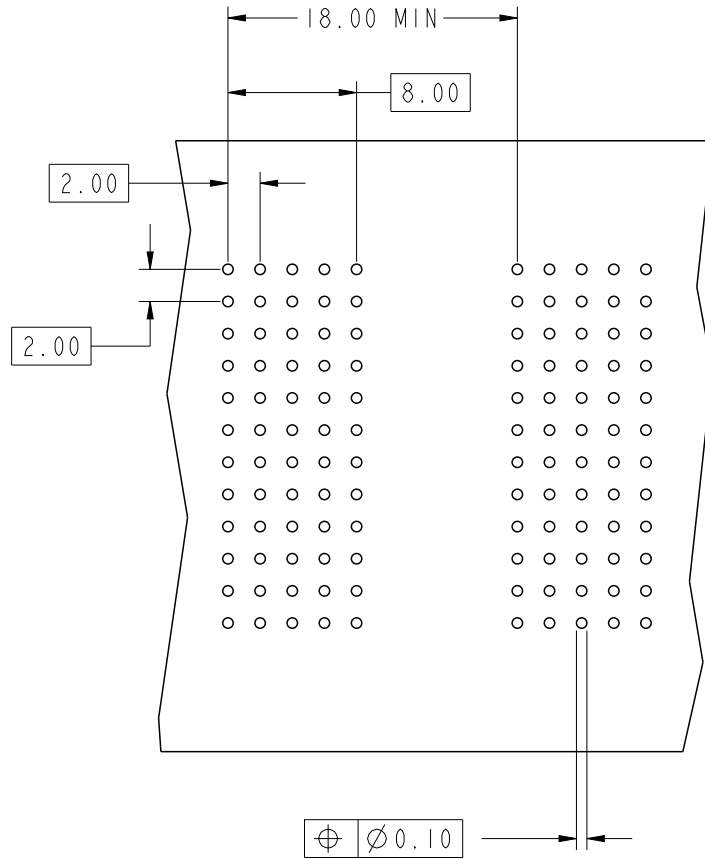


spec ref	*	dr	Terran Huang	2010/07/09	projection	MM	size	A4	scale	1:10
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Rahul Mohan-M	2021/08/25			ecn no	ELX-I-41564-1		
ISO 406		chr	-	-			rel level	Released		
ISO 1101		appr	Kuriakose, San	2021/08/25	product family	METRAL				
surface 3.200	linear	0.X	± 0.3		part no		85832		rev	W
ISO 1302		0.XX	± 0.13		METRAL SIGNAL HEADER		dwg no	85832		W
	0.XXX	± 0.050	2 MOD, 5 ROW PRESS-FIT		Product - Customer Drw			sheet 1 of 7		
angular	0°	$\pm 2^\circ$	amphenol-icc.com	cat. no.	-	Product - Customer Drw		sheet 1 of 7		

Creo F-114:ELX-MC:AC,REV F,2020-12-21



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
22	5.00	12.10
25	5.75	15.60

KEY		
CODE	DIMENSIONS	
	DIM "A" MATE	DIM "B" TAIL
40	5.00	15.60
41	6.50	15.60
42	7.25	15.60
43	8.00	15.60
44	5.75	12.10
45	6.50	12.10
48	5.00	15.10
54	5.00	11.50
55	5.75	11.50
56	6.50	11.50
59	5.00	11.80
60	5.75	11.80
61	6.50	11.80
62	7.25	11.80
63	8.00	11.80
64	5.75	14.90

spec ref	*	dr	Terran Huang	2010/07/09	projection	MM	size	A4	scale	21:10		
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Rahul Mohan-M	2021/08/25			ecn no	ELX-I-41564-1				
ISO 406 ISO 1101		chr	-	-				rel level	Released			
surface	3.200	appr	Kuriakose, San	2021/08/25	product family	METRAL		rel level	Released			
ISO 1302	linear	0.X	±0.3		title	METRAL SIGNAL HEADER			dwg no	85832	rev	W
		0.XX	±0.13		2 MOD, 5 ROW PRESS-FIT							
	angular	0°	±2°		cat. no.	-	Product - Customer Drw	sheet 2 of 7				

A

B

C

D

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X01LF	E	25	25	25	25	25	25	25	25	25	25	25	25
	D	25	25	25	25	25	25	25	25	25	25	25	25
	C	25	25	25	25	25	25	25	25	25	25	25	25
	B	25	25	25	25	25	25	25	25	25	25	25	25
	A	25	25	25	25	25	25	25	25	25	25	25	25

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X05LF	E	44	44	44	44	44	44	44	44	44	44	44	44
	D	22	22	22	22	22	22	22	22	22	22	22	22
	C	44	44	44	44	44	44	44	44	44	44	44	44
	B	44	44	44	44	44	44	44	44	44	44	44	44
	A	45	45	45	45	45	45	45	45	45	45	45	45

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X09LF	E	N/A											
	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	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
85832-X13LF	E	3	3	3	3	3	3	3	3	3	3	3	3
	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	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
85832-X02LF	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	19	19	19	19	19	19	19	19	19	19	19	19
	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
85832-X06LF	E	1	1	1	1	1	1	1	1	1	1	1	1
	D	1	1	1	1	1	1	1	1	1	1	1	1
	C	3	3	3	3	3	3	3	3	3	3	3	3
	B	1	1	1	1	1	1	1	1	1	1	1	1
	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
85832-X10LF	E	N/A											
	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
85832-X14LF	E	16	16	16	16	16	16	16	16	16	16	16	16
	D	16	16	16	16	16	16	16	16	16	16	16	16
	C	16	16	16	16	16	16	16	16	16	16	16	16
	B	16	16	16	16	16	16	16	16	16	16	16	16
	A	16	16	16	16	16	16	16	16	16	16	16	16

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X03LF	E	3	3	3	3	3	3	3	3	3	3	3	3
	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	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
85832-X07LF	E	19	19	19	19	19	19	19	19	19	19	19	19
	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	4	4	4	4	4	4	4	4	4	4	4	4
	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
85832-X11LF	E	N/A											
	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	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

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X15LF	E	13	13	13	13	13	13	13	13	13	13	13	13
	D	13	13	13	13	13	13	13	13	13	13	13	13
	C	13	13	13	13	13	13	13	13	13	13	13	13
	B	13	13	13	13	13	13	13	13	13	13	13	13
	A	13	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	12
85832-X04LF	E	3	3	3	3	3	3	3	3	3	3	3	3
	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	9	9	9	9	9	9	9	9	9	9	9	9
	A	10	10	10	10	10	10	10	10	10	10	10	10

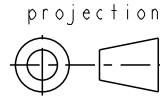
METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X08LF	E	20	20	20	20	20	20	20	20	20	20	20	20
	D	8	8	8	8	8	8	8	8	8	8	8	8
	C	8	8	8	8	8	8	8	8	8	8	8	8
	B	8	8	8	8	8	8	8	8	8	8	8	8
	A	8	8	8	8	8	8	8	8	8	8	8	8

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X12LF	E	7	7	7	7	7	7	7	7	7	7	7	7
	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	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
85832-X16LF	E	17	17	17	17	17	17	17	17	17	17	17	17
	D	17	17	17	17	17	17	17	17	17	17	17	17
	C	17	17	17	17	17	17	17	17	17	17	17	17
	B	17	17	17	17	17	17	17	17	17	17	17	17
	A	17	17	17	17	17	17	17	17	17	17	17	17

spec ref	*		
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED		
ISO 406			
ISO 1101			
surface 3.200	linear	0.X	±0.3
		0.XX	±0.13
		0.XXX	±0.050
ISO 1302	angular	0°	±2°

dr	Terran Huang	2010/07/09
eng	Rahul Mohan-M	2021/08/25
chr	-	-
appr	Kuriakose, San	2021/08/25



size	A4	scale	1:10
ecn no	ELX-I-41564-1		
rel level	Released		



Amphenol FCI
 METRAL SIGNAL HEADER
 2 MOD, 5 ROW PRESS-FIT
 cat. no. - Product - Customer Drw

dwg no	85832	rev	W
sheet 3 of 7			

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
		E	14	14	14	14	14	14	14	14	14	14	14
D	14	14	14	14	14	14	14	14	14	14	14	14	
C	14	14	14	14	14	14	14	14	14	14	14	14	
B	14	14	14	14	14	14	14	14	14	14	14	14	
A	14	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	12
		E	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	9	9	9	9	9	9	9	9	9	9	9	9	
B	9	9	9	9	9	9	9	9	9	9	9	9	
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
		E	22	22	22	22	22	22	22	22	22	22	22
D	22	22	22	22	22	22	22	22	22	22	22	22	
C	22	22	22	22	22	22	22	22	22	22	22	22	
B	22	22	22	22	22	22	22	22	22	22	22	22	
A	22	22	22	22	22	22	22	22	22	22	22	22	

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
		E	56	56	56	56	56	56	56	56	56	56	56
D	56	56	56	56	56	56	56	56	56	56	56	56	
C	56	56	56	56	56	56	56	56	56	56	56	56	
B	56	56	56	56	56	56	56	56	56	56	56	56	
A	56	56	56	56	56	56	56	56	56	56	56	56	

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

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
		E	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	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
		E	54	54	54	54	54	54	54	54	54	54	54
D	55	55	55	55	55	55	55	55	55	55	55	55	
C	56	56	56	56	56	56	56	56	56	56	56	56	
B	55	55	55	55	55	55	55	55	55	55	55	55	
A	54	54	54	54	54	54	54	54	54	54	54	54	

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
		E	3	3	3	3	3	3	3	3	3	3	3
D	3	3	3	3	3	3	3	3	3	3	3	3	
C	19	19	19	19	19	19	19	19	19	19	19	19	
B	3	3	3	3	3	3	3	3	3	3	3	3	
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
		E	15	15	15	15	15	15	15	15	15	15	15
D	15	15	15	15	15	15	15	15	15	15	15	15	
C	15	15	15	15	15	15	15	15	15	15	15	15	
B	15	15	15	15	15	15	15	15	15	15	15	15	
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
		E	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	19	19	19	19	19	19	19	19	19	19	19	19	
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	

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
		E	48	48	48	48	48	48	48	48	48	48	48
D	48	48	48	48	48	48	48	48	48	48	48	48	
C	48	48	48	48	48	48	48	48	48	48	48	48	
B	48	48	48	48	48	48	48	48	48	48	48	48	
A	48	48	48	48	48	48	48	48	48	48	48	48	

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
		E	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	19	19	19	19	19	19	19	19	19	19	19	19	
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
		E	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	9	9	9	9	9	9	9	9	9	9	9	9	
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
		E	20	20	20	20	20	20	20	20	20	20	20
D	5	5	5	5	5	5	5	5	5	5	5	5	
C	20	20	20	20	20	20	20	20	20	20	20	20	
B	5	5	5	5	5	5	5	5	5	5	5	5	
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
		E	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	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
		E	1	1	1	1	1	1	1	1	1	1	1
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	1	1	1	1	1	1	1	1	1	1	1	1	
A	2	2	2	2	2	2	2	2	2	2	2	2	

spec ref	*	dr	Terran Huang	2010/07/09	projection	MM	size	A4	scale	1:10
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Rahul Mohan-M	2021/08/25			ecn no	ELX-I-41564-1		
ISO 406		chr	-	-	product family			METRAL	rel level	Released
ISO 1101		appr	Kuriakose, San	2021/08/25	dwg no		85832		rev	W
surface	3.200	Amphenol FCI		METRAL SIGNAL HEADER						
ISO 1302	linear	0.X	±0.3	2 MOD, 5 ROW PRESS-FIT						
		0.XX	±0.13							
		0.XXX	±0.050							
	angular	0°	±2°	cat. no.			-		Product - Customer Drw	
		amphenol-icc.com							sheet 4 of 7	

A	METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
	85832-X33LF	E	6	6	6	6	6	6	6	6	6	6
		D	6	6	6	6	6	6	6	6	6	6
		C	6	6	6	6	6	6	6	6	6	6
		B	5	5	5	5	5	5	5	5	5	5
A		5	5	5	5	5	5	5	5	5	5	
B	METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
	85832-X34LF	E	21	21	21	21	21	21	21	21	21	21
		D	21	21	21	21	21	21	21	21	21	21
		C	21	21	21	21	21	21	21	21	21	21
		B	12	12	12	12	12	12	12	12	12	12
A		12	12	12	12	12	12	12	12	12	12	
C	METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
	85832-X35LF	E	3	3	3	3	3	3	3	3	3	3
		D	3	3	3	3	3	3	3	3	3	3
		C	4	4	4	4	4	4	4	4	4	4
		B	19	19	19	19	19	19	19	19	19	19
A		19	19	19	19	19	19	19	19	19	19	
D	METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
	85832-X36LF	E	59	59	59	59	59	59	59	59	59	59
		D	59	59	59	59	59	59	59	59	59	59
		C	59	59	59	59	59	59	59	59	59	59
		B	59	59	59	59	59	59	59	59	59	59
A		59	59	59	59	59	59	59	59	59	59	

spec ref	*	dr	Terran Huang	2010/07/09			size	A4	scale	1:10	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Rahul Mohan-M			2021/08/25	ecn no	ELX-I-41564-1		
ISO 406		chr	-	-			rel level		Released		
ISO 1101		appr	Kuriakose, San	2021/08/25				product family	METRAL		
surface	3.200	linear	0.X	±0.3				85832		rev	W
			0.XX	±0.13				2 MOD, 5 ROW PRESS-FIT			
			0.XXX	±0.050				cat. no.	-	Product - Customer Drw	
ISO 1302		angular	0°	±2°	amphenol-icc.com						

Creo F114:ELX-FCI:REV F, 2020-12-21

Amphenol FCI

© 2020 Amphenol Corporation

A

B

C

D

A

B

C

D

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X49LF	E	41	41	41	41	41	41	41	41	41	41	41	41
	D	41	41	41	41	41	41	41	41	41	41	41	41
	C	41	41	41	41	41	41	41	41	41	41	41	41
	B	41	41	41	41	41	41	41	41	41	41	41	41
	A	41	41	41	41	41	41	41	41	41	41	41	41

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X53LF	E	42	42	42	42	42	42	42	42	42	42	42	42
	D	42	42	42	42	42	42	42	42	42	42	42	42
	C	42	42	42	42	42	42	42	42	42	42	42	42
	B	42	42	42	42	42	42	42	42	42	42	42	42
	A	42	42	42	42	42	42	42	42	42	42	42	42

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X57LF	E	7	7	7	7	7	7	7	7	7	7	7	7
	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	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
85832-X61LF	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	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
85832-X50LF	E	25	25	25	25	25	25	25	25	25	25	25	25
	D	25	25	25	25	25	25	25	25	25	25	25	25
	C	25	25	25	25	25	25	25	25	25	25	25	25
	B	42	42	42	42	42	42	42	42	42	42	42	42
	A	25	25	25	25	25	25	25	25	25	25	25	25

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X54LF	E	43	43	43	43	43	43	43	43	43	43	43	43
	D	43	43	43	43	43	43	43	43	43	43	43	43
	C	43	43	43	43	43	43	43	43	43	43	43	43
	B	43	43	43	43	43	43	43	43	43	43	43	43
	A	43	43	43	43	43	43	43	43	43	43	43	43

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X58LF	E	7	7	7	7	7	7	7	7	7	7	7	7
	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	20	20	20	20	20	20	20	20	20	20	20	20
	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
85832-X62LF	E	64	64	64	64	64	64	64	64	64	64	64	64
	D	64	64	64	64	64	64	64	64	64	64	64	64
	C	64	64	64	64	64	64	64	64	64	64	64	64
	B	64	64	64	64	64	64	64	64	64	64	64	64
	A	64	64	64	64	64	64	64	64	64	64	64	64

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X51LF	E	41	41	41	41	41	41	41	41	41	41	41	41
	D	41	41	41	41	41	41	41	41	41	41	41	41
	C	42	42	42	42	42	42	42	42	42	42	42	42
	B	43	43	43	43	43	43	43	43	43	43	43	43
	A	43	43	43	43	43	43	43	43	43	43	43	43

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X55LF	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	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
85832-X59LF	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	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
85832-X63LF	E	1	1	1	1	1	1	1	1	1	1	1	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
85832-X52LF	E	41	41	41	41	41	41	41	41	41	41	41	41
	D	41	41	41	41	41	41	41	41	41	41	41	41
	C	41	41	41	41	41	41	41	41	41	41	41	41
	B	43	43	43	43	43	43	43	43	43	43	43	43
	A	41	41	41	41	41	41	41	41	41	41	41	41

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X56LF	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	11	11	11	11	11	11	11	11	11	11	11	11
	B	21	21	21	21	21	21	21	21	21	21	21	21
	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
85832-X60LF	E	4	4	4	4	4	4	4	4	4	4	4	4
	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	1	1	1	1	1	1	1	1	1	1	1	1
	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
85832-X64LF	E	3	3	3	3	3	3	3	3	3	3	3	3
	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	1	1	1	1	1	1	1	1	1	1	1	1

spec ref	*	dr	Terran Huang	2010/07/09	projection		size	A4	scale	1:10
tolerance std	ISO 406 ISO 1101	eng	Rahul Mohan-M	2021/08/25	product family		METRAL	ecn no	ELX-I-41564-1	
surface	3.200 ISO 1302	chr	-	-	rel level		Released	rev	W	
	linear	0.X	±0.3	Amphenol FCI	METRAL SIGNAL HEADER		dwg no	85832		
		0.XX	±0.13	amphenol-icc.com	2 MOD, 5 ROW PRESS-FIT					
	angular	0°	±2°	cat. no.	-		Product - Customer Draw	sheet 6 of 7		

Geo F-14; ELX-MC; AAC; REV F; 2020-12-21

NOTES:

1. FOR DIM A AND B SEE SHEET 2 AND UP.
2. MATERIAL : BODY : THERMOPLASTIC UL94-V0.
: CONTACT : COPPER ALLOY.
3. FOR PLATING PERFORMANCE REFER DRAWING # 10159408.
4. 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
5. PRODUCT SPECIFICATION GS-12-180
6. APPLICATION SPECIFICATION BUS-20-073
7. AFTER INSERTION INTO CIRCUIT BOARD WITH QUALIFIED TOOL.
8. THE PRODUCTS MEET THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004.
9. ALL PRODUCTS WILL WITHSTAND EXPOSURE TO 260°C FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN. THE 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 89007 FOR OTHER LOAD VARIATIONS.
11. A \triangle SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT REVISION

spec ref *		dr	Terran Huang	2010/07/09	projection 	MM 	size	A4	scale	1:10		
tolerance std		eng	Rahul Mohan-M	2021/08/25			ecn no	ELX-I-41564-1				
ISO 406 ISO 1101		chr	-	-			rel level	Released				
surface 3.200 	linear	0.X	±0.3		Amphenol FCI	title	METRAL SIGNAL HEADER		dwg no	85832	rev	W
		0.XX	±0.13									
		0.XXX	±0.050									
ISO 1302	angular	0°	±2°		amphenol-icc.com	cat. no.	-	Product - Customer Drw		sheet 7 of 7		