

spec ref *		dr Terran Huang		2010/07/09		projection		size A4		scale 11:10	
tolerance std ISO 406 ISO 1101		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng Rahul Mohan-M		2021/06/23		MM		ecn no ELX-I-41313-1	
surface 3.200		linear		chr -		-				rel level Released	
ISO 1302		angular		appr Kuriakose, San		2021/08/13		product family METRAL		rev BK	
		0.X ±0.03		Amphenol FCI		METRAL SIGNAL HEADER		dwg no 85838		sheet 1 of 8	
		0.XX ±0.13									
		0.XXX ±0.050									
		0° ±2°		amphenol-icc.com		cat. no. -		Product - Customer Drw		STATUS:Released	

A

B

C

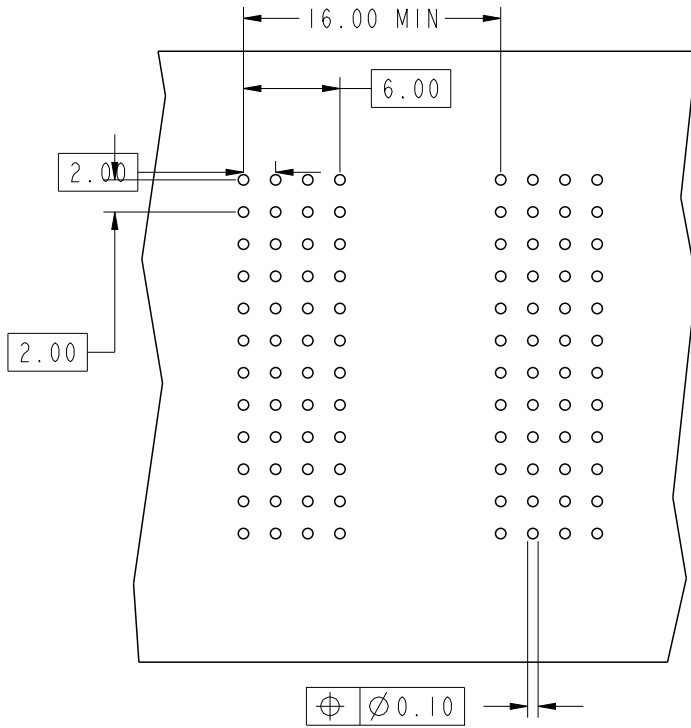
D

A

B

C

D



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

KEY		
CODE	DIMENSIONS	
	DIM "A" MATE	DIM "B" TAIL
20	8.00	13.60
21	8.00	17.00
22	5.00	12.10
25	5.75	15.60
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

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	2021/06/23			ecn no		ELX-I-41313-1									
ISO 406 ISO 1101		chr	-	-			rel level		Released									
surface	3.200	appr	Kuriakose, San	2021/08/13	product family		METRAL											
ISO 1302	linear	Amphenol FCI		title		METRAL SIGNAL HEADER		dwg no		85838								
	0.X											±0.03	cat. no.		-		Product - Customer Drw	
	0.XX											±0.13						
	0.XXX	±0.050																
	angular	0°	±2°	amphenol-icc.com		rev		BK										

A

B

C

D

A

B

C

D

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85838-X01LF	E	25	25	25	25	25	25
	D	25	25	25	25	25	25
	C	25	25	25	25	25	25
	B	25	25	25	25	25	25
	A	25	25	25	25	25	25

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85838-X02LF	E	1	1	1	1	1	1
	D	3	3	3	3	3	3
	C	19	19	19	19	19	19
	B	3	3	3	3	3	3
	A	1	1	1	1	1	1

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85838-X03LF	E	3	3	3	3	3	3
	D	3	3	3	3	3	3
	C	3	3	3	3	3	3
	B	19	19	19	19	19	19
	A	3	3	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85838-X04LF	E	3	3	3	3	3	3
	D	10	10	10	10	10	10
	C	10	10	10	10	10	10
	B	9	9	9	9	9	9
	A	10	10	10	10	10	10

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85838-X05LF	E	44	44	44	44	44	44
	D	22	22	22	22	22	22
	C	44	44	44	44	44	44
	B	44	44	44	44	44	44
	A	45	45	45	45	45	45

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85838-X06LF	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
85838-X07LF	E	19	19	19	19	19	19
	D	4	4	4	4	4	4
	C	4	4	4	4	4	4
	B	4	4	4	4	4	4
	A	4	4	4	4	4	4

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85838-X08LF	E	20	20	20	20	20	20
	D	8	8	8	8	8	8
	C	8	8	8	8	8	8
	B	8	8	8	8	8	8
	A	8	8	8	8	8	8

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85838-X09LF	E	N/A					
	D	6	6	6	6	6	6
	C	6	6	6	6	6	6
	B	6	6	6	6	6	6
	A	6	6	6	6	6	6

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85838-X10LF	E	N/A					
	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
85838-X11LF	E	N/A					
	D	4	4	4	4	4	4
	C	4	4	4	4	4	4
	B	19	19	19	19	19	19
	A	19	19	19	19	19	19

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85838-X12LF	E	7	7	7	7	7	7
	D	7	7	7	7	7	7
	C	7	7	7	7	7	7
	B	7	7	7	7	7	7
	A	3	3	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85838-X13LF	E	3	3	3	3	3	3
	D	3	3	3	3	3	3
	C	3	3	3	3	3	3
	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
85838-X14LF	E	16	16	16	16	16	16
	D	16	16	16	16	16	16
	C	16	16	16	16	16	16
	B	16	16	16	16	16	16
	A	16	16	16	16	16	16

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85838-X15LF	E	13	13	13	13	13	13
	D	13	13	13	13	13	13
	C	13	13	13	13	13	13
	B	13	13	13	13	13	13
	A	13	13	13	13	13	13

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85838-X16LF	E	17	17	17	17	17	17
	D	17	17	17	17	17	17
	C	17	17	17	17	17	17
	B	17	17	17	17	17	17
	A	17	17	17	17	17	17

spec ref	*	dr	Terran Huang	2010/07/09			size	A4	scale	1:10
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED ISO 406 ISO 1101	eng	Rahul Mohan-M	2021/06/23			ecn no	ELX-I-41313-1		
surface		3.200	chr	-			-	rel level	Released	
ISO 1302	linear 0.X ±0.03 0.XX ±0.13 0.XXX ±0.050 angular 0° ±2°	appr	Kuriakose, San	2021/08/13	product family	METRAL	rev	BK		
				METRAL SIGNAL HEADER 1 MOD, 5 ROW PRESS-FIT		dwg no 85838		sheet 3 of 8		
		amphenol-icc.com		cat. no. -		Product - Customer Drw				

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85838-X17LF	E	14	14	14	14	14	14
	D	14	14	14	14	14	14
	C	14	14	14	14	14	14
	B	14	14	14	14	14	14
	A	14	14	14	14	14	14

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85838-X18LF	E	18	18	18	18	18	18
	D	18	18	18	18	18	18
	C	18	18	18	18	18	18
	B	18	18	18	18	18	18
	A	18	18	18	18	18	18

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85838-X19LF	E	15	15	15	15	15	15
	D	15	15	15	15	15	15
	C	15	15	15	15	15	15
	B	15	15	15	15	15	15
	A	15	15	15	15	15	15

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85838-X20LF	E	10	10	10	10	10	10
	D	9	9	9	9	9	9
	C	10	10	10	10	10	10
	B	9	9	9	9	9	9
	A	11	11	11	11	11	11

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85838-X21LF	E	10	10	10	10	10	10
	D	10	10	10	10	10	10
	C	9	9	9	9	9	9
	B	9	9	9	9	9	9
	A	11	11	11	11	11	11

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85838-X22LF	E	2	2	2	2	2	2
	D	4	4	4	4	4	4
	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
85838-X23LF	E	19	19	19	19	19	19
	D	1	1	1	1	1	1
	C	19	19	19	19	19	19
	B	1	1	1	1	1	1
	A	19	19	19	19	19	19

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85838-X24LF	E	20	20	20	20	20	20
	D	5	5	5	5	5	5
	C	20	20	20	20	20	20
	B	5	5	5	5	5	5
	A	20	20	20	20	20	20

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85838-X25LF	E	22	22	22	22	22	22
	D	22	22	22	22	22	22
	C	22	22	22	22	22	22
	B	22	22	22	22	22	22
	A	22	22	22	22	22	22

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85838-X26LF	E	54	54	54	54	54	54
	D	55	55	55	55	55	55
	C	56	56	56	56	56	56
	B	55	55	55	55	55	55
	A	54	54	54	54	54	54

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85838-X27LF	E	48	48	48	48	48	48
	D	48	48	48	48	48	48
	C	48	48	48	48	48	48
	B	48	48	48	48	48	48
	A	48	48	48	48	48	48

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85838-X28LF	E	3	3	3	3	3	3
	D	19	19	19	19	19	19
	C	3	3	3	3	3	3
	B	3	3	3	3	3	3
	A	1	1	1	1	1	1

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85838-X29LF	E	56	56	56	56	56	56
	D	56	56	56	56	56	56
	C	56	56	56	56	56	56
	B	56	56	56	56	56	56
	A	56	56	56	56	56	56

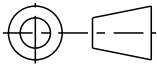

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85838-X30LF	E	3	3	3	3	3	3
	D	3	3	3	3	3	3
	C	19	19	19	19	19	19
	B	3	3	3	3	3	3
	A	3	3	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85838-X31LF	E	1	1	1	1	1	1
	D	3	3	3	3	3	3
	C	19	19	19	19	19	19
	B	3	3	3	3	3	3
	A	1	1	1	1	1	1

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85838-X32LF	E	1	1	1	1	1	1
	D	1	1	1	1	1	1
	C	2	2	2	2	2	2
	B	1	1	1	1	1	1
	A	2	2	2	2	2	2

spec ref	*	dr	Terran Huang	2010/07/09	projection		size	A4	scale	1:10	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Rahul Mohan-M	2021/06/23				ecn no	ELX-I-41313-1		
ISO 406 ISO 1101		chr	-	-				product family	METRAL		rel level
surface	3.200	appr	Kuriakose, San	2021/08/13	METRAL		rel level	Released			
ISO 1302	linear angular	0.X	±0.03		METRAL SIGNAL HEADER			dwg no 85838	rev		
		0.XX	±0.13		1 MOD, 5 ROW PRESS-FIT				BK		
	0.XXX	±0.050	cat. no.			-					
	0°	±2°	amphenol-icc.com			Product - Customer Drw			sheet 4 of 8		

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85838-X33LF	E	6	6	6	6	6	6
	D	6	6	6	6	6	6
	C	6	6	6	6	6	6
	B	5	5	5	5	5	5
	A	5	5	5	5	5	5
85838-X34LF	E	19	19	19	19	19	19
	D	19	19	19	19	19	19
	C	19	19	19	19	19	19
	B	4	4	4	4	4	4
	A	4	4	4	4	4	4
85838-X35LF	E	2	2	2	2	2	2
	D	4	4	4	4	4	4
	C	4	4	4	4	4	4
	B	4	4	4	4	4	4
	A	2	2	2	2	2	2
85838-X36LF	E	21	21	21	21	21	21
	D	21	21	21	21	21	21
	C	21	21	21	21	21	21
	B	12	12	12	12	12	12
	A	12	12	12	12	12	12
85838-X37LF	E	3	3	3	3	3	3
	D	3	3	3	3	3	3
	C	4	4	4	4	4	4
	B	19	19	19	19	19	19
	A	19	19	19	19	19	19
85838-X38LF	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	59	59	59	59	59	59
85838-X39LF	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	61	61	61	61	61	61
85838-X40LF	E	60	60	60	60	60	60
	D	61	61	61	61	61	61
	C	60	60	60	60	60	60
	B	60	60	60	60	60	60
	A	61	61	61	61	61	61
85838-X41LF	E	61	61	61	61	61	61
	D	61	61	61	61	61	61
	C	61	61	61	61	61	61
	B	61	61	61	61	61	61
	A	61	61	61	61	61	61
85838-X42LF	E	60	60	60	60	60	60
	D	60	60	60	60	60	60
	C	60	60	60	60	60	60
	B	62	62	62	62	62	62
	A	60	60	60	60	60	60
85838-X43LF	E	61	61	61	61	61	61
	D	61	61	61	61	61	61
	C	62	62	62	62	62	62
	B	63	63	63	63	63	63
	A	63	63	63	63	63	63
85838-X44LF	E	61	61	61	61	61	61
	D	61	61	61	61	61	61
	C	61	61	61	61	61	61
	B	63	63	63	63	63	63
	A	61	61	61	61	61	61
85838-X45LF	E	60	60	60	60	60	60
	D	60	60	60	60	60	60
	C	60	60	60	60	60	60
	B	60	60	60	60	60	60
	A	60	60	60	60	60	60
85838-X46LF	E	62	62	62	62	62	62
	D	62	62	62	62	62	62
	C	62	62	62	62	62	62
	B	62	62	62	62	62	62
	A	62	62	62	62	62	62
85838-X47LF	E	63	63	63	63	63	63
	D	63	63	63	63	63	63
	C	63	63	63	63	63	63
	B	63	63	63	63	63	63
	A	63	63	63	63	63	63
85838-X48LF	E	40	40	40	40	40	40
	D	40	40	40	40	40	40
	C	40	40	40	40	40	40
	B	40	40	40	40	40	40
	A	40	40	40	40	40	40

spec ref *		dr Terran Huang	2010/07/09	projection 	MM 	size A4	scale 11:10			
tolerance std ISO 406 ISO 1101		eng Rahul Mohan-M	2021/06/23			ecn no ELX-I-41313-1				
TOLERANCES UNLESS OTHERWISE SPECIFIED surface 3.200 ✓ ISO 1302		chr -	-			rel level Released				
		linear <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr><td>0.X</td><td>±0.03</td></tr> <tr><td>0.XX</td><td>±0.13</td></tr> <tr><td>0.XXX</td><td>±0.050</td></tr> </table>		0.X	±0.03	0.XX	±0.13	0.XXX	±0.050	product family METRAL
0.X	±0.03									
0.XX	±0.13									
0.XXX	±0.050									
angular 0° ±2°		appr Kuriakose, San 2021/08/13		product family METRAL		rel level Released	sheet 5 of 8			
		cat. no. -		Product - Customer Drw		sheet 5 of 8				

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85838-X49LF	E	40	40	40	40	40	40
	D	40	40	40	40	40	40
	C	40	40	40	40	40	40
	B	40	40	40	40	40	40
	A	41	41	41	41	41	41
85838-X50LF	E	25	25	25	25	25	25
	D	41	41	41	41	41	41
	C	25	25	25	25	25	25
	B	25	25	25	25	25	25
	A	41	41	41	41	41	41
85838-X51LF	E	41	41	41	41	41	41
	D	41	41	41	41	41	41
	C	41	41	41	41	41	41
	B	41	41	41	41	41	41
	A	41	41	41	41	41	41
85838-X52LF	E	25	25	25	25	25	25
	D	25	25	25	25	25	25
	C	25	25	25	25	25	25
	B	42	42	42	42	42	42
	A	25	25	25	25	25	25
85838-X53LF	E	41	41	41	41	41	41
	D	41	41	41	41	41	41
	C	42	42	42	42	42	42
	B	43	43	43	43	43	43
	A	43	43	43	43	43	43
85838-X54LF	E	41	41	41	41	41	41
	D	41	41	41	41	41	41
	C	41	41	41	41	41	41
	B	43	43	43	43	43	43
	A	41	41	41	41	41	41
85838-X55LF	E	42	42	42	42	42	42
	D	42	42	42	42	42	42
	C	42	42	42	42	42	42
	B	42	42	42	42	42	42
	A	42	42	42	42	42	42
85838-X56LF	E	43	43	43	43	43	43
	D	43	43	43	43	43	43
	C	43	43	43	43	43	43
	B	43	43	43	43	43	43
	A	43	43	43	43	43	43
85838-X57LF	E	11	11	11	11	11	11
	D	11	11	11	11	11	11
	C	12	12	12	12	12	12
	B	21	21	21	21	21	21
	A	21	21	21	21	21	21
85838-X58LF	E	11	11	11	11	11	11
	D	11	11	11	11	11	11
	C	11	11	11	11	11	11
	B	21	21	21	21	21	21
	A	11	11	11	11	11	11
85838-X59LF	E	7	7	7	7	7	7
	D	7	7	7	7	7	7
	C	8	8	8	8	8	8
	B	20	20	20	20	20	20
	A	20	20	20	20	20	20
85838-X60LF	E	7	7	7	7	7	7
	D	7	7	7	7	7	7
	C	7	7	7	7	7	7
	B	20	20	20	20	20	20
	A	7	7	7	7	7	7
85838-X61LF	E	2	2	2	2	2	2
	D	1	1	1	1	1	1
	C	1	1	1	1	1	1
	B	1	1	1	1	1	1
	A	1	1	1	1	1	1
85838-X62LF	E	1	1	1	1	1	1
	D	2	2	2	2	2	2
	C	3	3	3	3	3	3
	B	2	2	2	2	2	2
	A	1	1	1	1	1	1
85838-X63LF	E	-	-	-	-	-	-
	D	4	4	4	4	4	4
	C	4	4	4	4	4	4
	B	4	4	4	4	4	4
	A	3	3	3	3	3	3
85838-X64LF	E	2	2	2	2	2	2
	D	3	3	3	3	3	3
	C	4	4	4	4	4	4
	B	4	4	4	4	4	4
	A	4	4	4	4	4	4

spec ref *		dr	Terran Huang	2010/07/09			size	A4	scale	1:10
tolerance std		eng	Rahul Mohan-M	2021/06/23			ecn no	ELX-I-41313-1		
ISO 406 ISO 1101		TOLERANCES UNLESS OTHERWISE SPECIFIED					rel level	Released		
surface 3.200		chr	-	-	product family		METRAL	rev		
ISO 1302		linear		0.X	±0.03	METRAL SIGNAL HEADER		dwg no		85838
		angular		0°	±2°					
		Amphenol FCI		cat. no.		Product - Customer Drw		sheet 6 of 8		BK

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85838-X65LF	E	6	6	6	6	6	6
	D	7	7	7	7	7	7
	C	8	8	8	8	8	8
	B	8	8	8	8	8	8
	A	8	8	8	8	8	8
85838-X66LF	E	1	1	1	1	1	1
	D	1	1	1	1	1	1
	C	-	-	-	-	-	-
	B	1	1	1	1	1	1
	A	1	1	1	1	1	1
85838-X67LF	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	1	1	1	1	1	1
85838-X68LF	E	60	60	60	60	60	60
	D	59	59	59	59	59	59
	C	60	60	60	60	60	60
	B	60	60	60	60	60	60
	A	61	61	61	61	61	61
85838-X69LF	E	1	1	1	1	1	1
	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
85838-X70LF	E	19	19	19	19	19	19
	D	19	19	19	19	19	19
	C	4	4	4	4	4	4
	B	2	2	2	2	2	2
	A	2	2	2	2	2	2
85838-X71LF	E	3	3	3	3	3	3
	D	3	3	3	3	3	3
	C	3	3	3	3	3	3
	B	3	3	3	3	3	3
	A	2	2	2	2	2	2
85838-X72LF	E	6	6	6	6	6	6
	D	8	8	8	8	8	8
	C	8	8	8	8	8	8
	B	8	8	8	8	8	8
	A	6	6	6	6	6	6
85838-X73LF	E	3	3	3	3	3	3
	D	3	3	3	3	3	3
	C	3	3	3	3	3	3
	B	3	3	3	3	3	3
	A	4	4	4	4	4	4
85838-X74LF	E	19	19	19	19	19	19
	D	1	1	1	1	1	1
	C	1	1	1	1	1	1
	B	1	1	1	1	1	1
	A	1	1	1	1	1	1
85838-X75LF	E	3	3	3	3	3	3
	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
85838-X76LF	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	3	3	3	3	3	3
85838-X77LF	E	1	1	1	1	1	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
85838-X78LF	E	3	3	3	3	3	3
	D	2	2	2	2	2	2
	C	2	2	2	2	2	2
	B	2	2	2	2	2	2
	A	3	3	3	3	3	3
85838-X79LF	E	19	19	19	19	19	19
	D	19	19	19	19	19	19
	C	3	3	3	3	3	3
	B	3	3	3	3	3	3
	A	1	1	1	1	1	1
85838-X80LF	E	1	1	1	1	1	1
	D	3	3	3	3	3	3
	C	3	3	3	3	3	3
	B	3	3	3	3	3	3
	A	1	1	1	1	1	1

spec ref *		dr	Terran Huang	2010/07/09			size	A4	scale	1:10			
tolerance std ISO 406 ISO 1101		eng	Rahul Mohan-M	2021/06/23			ecn no	ELX-I-41313-1					
		chr	-	-				rel level	Released				
surface 3.200 ISO 1302		TOLERANCES UNLESS OTHERWISE SPECIFIED linear 0.X ±0.03 0.XX ±0.13 0.XXX ±0.050 angular 0° ±2°		appr	Kuriakose, San	2021/08/13	product family		METRAL				
						METRAL SIGNAL HEADER 1 MOD, 5 ROW PRESS-FIT		dwg no		85838		rev	BK
								cat. no.		-		Product - Customer Drw	

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85838-X81LF	E	3	3	3	3	3	3
	D	1	1	1	1	1	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
85838-X82LF	E	1	1	1	1	1	1
	D	1	1	1	1	1	1
	C	2	2	2	2	2	2
	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
85838-X83LF	E	1	1	-	1	1	1
	D	3	3	-	3	3	3
	C	-	-	3	3	3	3
	B	3	3	-	3	3	3
	A	1	1	-	1	1	1

NOTES:

- FOR DIM A AND B SEE SHEET 2 AND UP.
- MATERIAL : BODY : THERMOPLASTIC UL94-V0.
: CONTACT : COPPER ALLOY.
- FOR PLATING PERFORMANCE REFER DRAWING # 10159408.
- 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
- PRODUCT SPECIFICATION: GS-12-180
- APPLICATION SPECIFICATION: BUS-20-073
- AFTER INSERTION INTO CIRCUIT BOARD WITH QUALIFIED TOOL.
- THE PRODUCTS MEET THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004.
- 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.
- 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	2021/06/23			ecn no	ELX-I-41313-1			
ISO 406 ISO 1101		chr	-	-			rel level	Released			
surface 3.200		appr	Kuriakose, San	2021/08/13	product family		METRAL				
ISO 1302		Amphenol FCI		title		METRAL SIGNAL HEADER		dwg no	85838	rev	BK
linear		0.X ±0.03		1 MOD, 5 ROW PRESS-FIT		cat. no.		-	Product - Customer Drw		sheet 8 of 8
angular		0° ±2°		amphenol-icc.com		Product - Customer Drw		sheet 8 of 8			