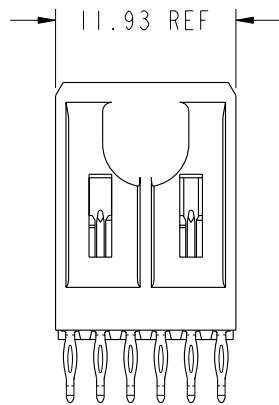
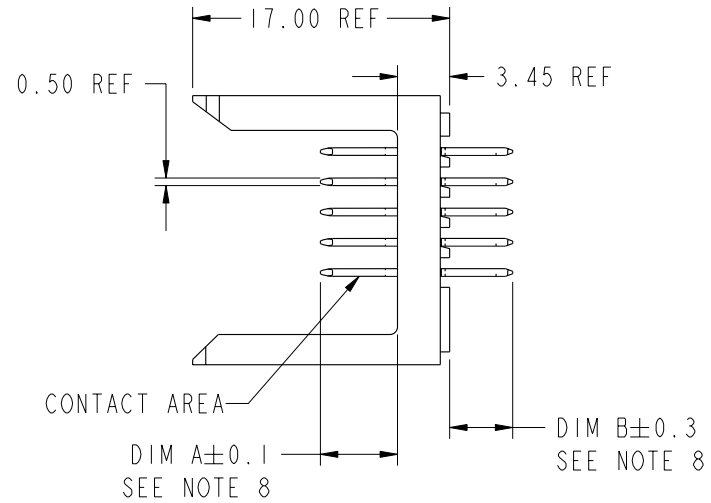
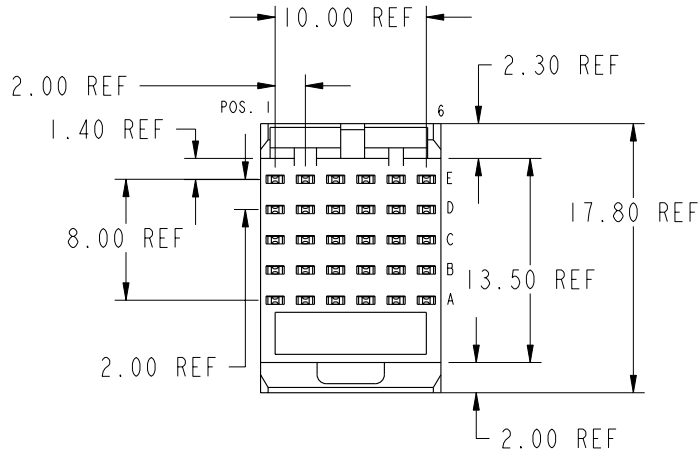


PRODUCT NUMBER
85838-XYX
85838-XYLF

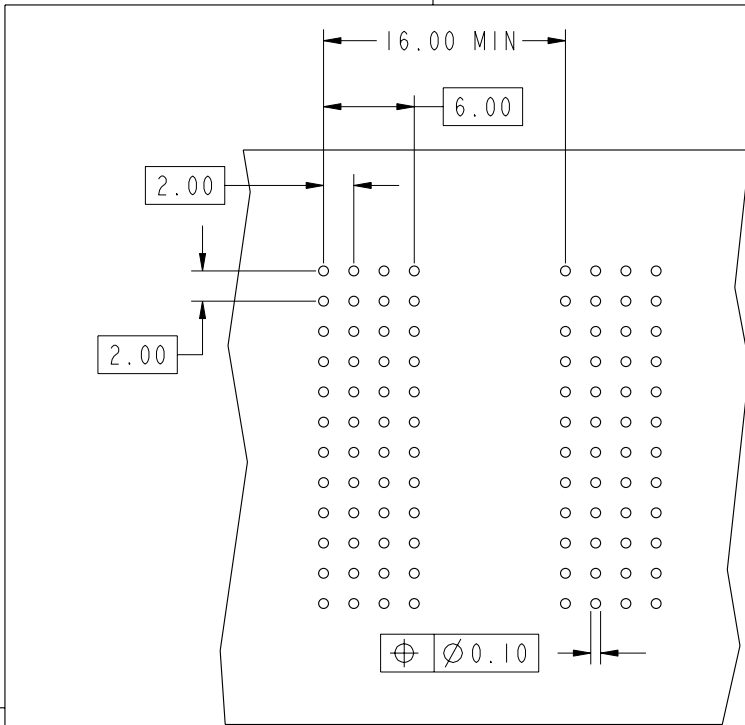


mat'l code				tolerances unless otherwise specified				CUSTOMER		FCI www.fciconnect.com			
ltr	ecm no.	dr	date	linear	0.X ± 0.3				COPY		title METRAL SIGNAL HEADER 1 MOD, 5 ROW PRESS-FIT		
BF	V06-0569	DCH	2006-06-13		0.XX ± 0.13				projection				
-	-	-	-		.XXX ± .051								
BA	V04-1217	HTB	12/29/04	angles	0° ± 2°								
BB	V04-1100	DAI	01/20/05	dr	T.BRUNGARD	11/19/99		MM		product family	METRAL	code	213
BC	V05-0516	DAI	05/24/05	engr	M.STRAWSER	11/19/99		← MM →		size	dwg no	sheet	
BD	V05-1027	LP	11/08/05	chr	M.STRAWSER	11/19/99		scale		A	85838	1 of 9	
BE	V05-1030	LP	11/21/05	appd	M.STRAWSER	02/29/00		2:1					
sheet index	revision sheet	BF	BF	BF	BF	BF	BF	BF	BF	BF			
		1	2	3	4	5	6	7	8	9			

This document is the property of and embodies CONFIDENTIAL and PROPRIETARY information of FCI. No part of the information shown on this document may be used in any way or disclosed to others without the written consent of FCI. Copyright FCI.



This document is the property of and embodies CONFIDENTIAL and PROPRIETARY information of FCI. No part of the information shown on this document may be used in any way or disclosed to others without the written consent of FCI. 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

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

mat'l code				tolerances unless otherwise specified		CUSTOMER		www.fciconnect.com		
ltr	ecr no.	dr	date	linear	0.X ±0.3	COPY			title METRAL SIGNAL HEADER 1 MOD, 5 ROW PRESS-FIT	
BF					0.XX ±0.13	projection				
					.XXX ±.051					
				angles	0° ±2°			product family	METRAL	
				dr	T.BRUNGARD	11/19/99	scale 2:1	size	dwg no	
				engr	M.STRAWSER	11/19/99		A	85838	code
				chr	M.STRAWSER	11/19/99				213
				appd	M.STRAWSER	02/29/00				sheet
sheet index	revision sheet									



This document is the property of and embodies CONFIDENTIAL and PROPRIETARY information of FCI. No part of the information shown on this document may be used in any way or disclosed to others without the written consent of FCI. Copyright FCI.

METRAL P/N		ROW	CONTACT CODE MOD. I				
			1	2	3	4	5
85838-X01	E	25	25	25	25	25	25
	D	25	25	25	25	25	25
	C	25	25	25	25	25	25
85838-X01LF	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
85838-X02	E	1	1	1	1	1	1
	D	3	3	3	3	3	3
	C	19	19	19	19	19	19
85838-X02LF	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
85838-X03	E	3	3	3	3	3	3
	D	3	3	3	3	3	3
	C	3	3	3	3	3	3
85838-X03LF	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
85838-X04	E	3	3	3	3	3	3
	D	10	10	10	10	10	10
	C	10	10	10	10	10	10
85838-X04LF	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
85838-X05	E	44	44	44	44	44	44
	D	22	22	22	22	22	22
	C	44	44	44	44	44	44
85838-X05LF	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
85838-X06	E	1	1	1	1	1	1
	D	1	1	1	1	1	1
	C	3	3	3	3	3	3
85838-X06LF	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
85838-X07	E	19	19	19	19	19	19
	D	4	4	4	4	4	4
	C	4	4	4	4	4	4
85838-X07LF	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
85838-X08	E	20	20	20	20	20	20
	D	8	8	8	8	8	8
	C	8	8	8	8	8	8
85838-X08LF	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
85838-X09	E	N/A					
	D	6	6	6	6	6	6
	C	6	6	6	6	6	6
85838-X09LF	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
85838-X10	E	N/A					
	D	2	2	2	2	2	2
	C	2	2	2	2	2	2
85838-X10LF	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
85838-X11	E	N/A					
	D	4	4	4	4	4	4
	C	4	4	4	4	4	4
85838-X11LF	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
85838-X12	E	7	7	7	7	7	7
	D	7	7	7	7	7	7
	C	7	7	7	7	7	7
85838-X12LF	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
85838-X13	E	3	3	3	3	3	3
	D	3	3	3	3	3	3
	C	3	3	3	3	3	3
85838-X13LF	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
85838-X14	E	16	16	16	16	16	16
	D	16	16	16	16	16	16
	C	16	16	16	16	16	16
85838-X14LF	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
85838-X15	E	13	13	13	13	13	13
	D	13	13	13	13	13	13
	C	13	13	13	13	13	13
85838-X15LF	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
85838-X16	E	17	17	17	17	17	17
	D	17	17	17	17	17	17
	C	17	17	17	17	17	17
85838-X16LF	B	17	17	17	17	17	17
	A	17	17	17	17	17	17

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI www.fciconnect.com	
ltr	ecr no.	dr	date	linear	0.X ±0.3	COPY		title	
BF				angles	0.XX ±0.13	projection		METRAL SIGNAL HEADER	
					.XXX ±.051			1 MOD, 5 ROW PRESS-FIT	
				dr	0° ±2°			product family	
				engr	T.BRUNGARD 11/19/99	scale		METRAL	
				chr	M.STRAWSER 11/19/99	1:1		code	
				appd	M.STRAWSER 02/29/00	A		213	
sheet index	revision sheet							size	
								85838	
								sheet	
								3	



This document is the property of and embodies CONFIDENTIAL and PROPRIETARY information of FCI. No part of the information shown on this document may be used in any way or disclosed to others without the written consent of FCI. Copyright FCI.

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85838-X17	E	14	14	14	14	14	14
	D	14	14	14	14	14	14
-----	C	14	14	14	14	14	14
85838-X17LF	B	14	14	14	14	14	14
	A	14	14	14	14	14	14
85838-X18	E	18	18	18	18	18	18
-----	D	18	18	18	18	18	18
-----	C	18	18	18	18	18	18
85838-X18LF	B	18	18	18	18	18	18
	A	18	18	18	18	18	18
85838-X19	E	15	15	15	15	15	15
-----	D	15	15	15	15	15	15
-----	C	15	15	15	15	15	15
85838-X19LF	B	15	15	15	15	15	15
	A	15	15	15	15	15	15
85838-X20	E	10	10	10	10	10	10
-----	D	9	9	9	9	9	9
-----	C	10	10	10	10	10	10
85838-X20LF	B	9	9	9	9	9	9
	A	11	11	11	11	11	11
85838-X21	E	10	10	10	10	10	10
-----	D	10	10	10	10	10	10
-----	C	9	9	9	9	9	9
85838-X21LF	B	9	9	9	9	9	9
	A	11	11	11	11	11	11
85838-X22	E	2	2	2	2	2	2
-----	D	4	4	4	4	4	4
-----	C	2	2	2	2	2	2
85838-X22LF	B	2	2	2	2	2	2
	A	2	2	2	2	2	2
85838-X23	E	19	19	19	19	19	19
-----	D	1	1	1	1	1	1
-----	C	19	19	19	19	19	19
85838-X23LF	B	1	1	1	1	1	1
	A	19	19	19	19	19	19
85838-X24	E	20	20	20	20	20	20
-----	D	5	5	5	5	5	5
-----	C	20	20	20	20	20	20
85838-X24LF	B	5	5	5	5	5	5
	A	20	20	20	20	20	20
85838-X25	E	22	22	22	22	22	22
-----	D	22	22	22	22	22	22
-----	C	22	22	22	22	22	22
85838-X25LF	B	22	22	22	22	22	22
	A	22	22	22	22	22	22
85838-X26	E	54	54	54	54	54	54
-----	D	55	55	55	55	55	55
-----	C	56	56	56	56	56	56
85838-X26LF	B	55	55	55	55	55	55
	A	54	54	54	54	54	54
85838-X27	E	48	48	48	48	48	48
-----	D	48	48	48	48	48	48
-----	C	48	48	48	48	48	48
85838-X27LF	B	48	48	48	48	48	48
	A	48	48	48	48	48	48
85838-X28	E	3	3	3	3	3	3
-----	D	19	19	19	19	19	19
-----	C	3	3	3	3	3	3
85838-X28LF	B	3	3	3	3	3	3
	A	1	1	1	1	1	1
85838-X29	E	56	56	56	56	56	56
-----	D	56	56	56	56	56	56
-----	C	56	56	56	56	56	56
85838-X29LF	B	56	56	56	56	56	56
	A	56	56	56	56	56	56
85838-X30	E	3	3	3	3	3	3
-----	D	3	3	3	3	3	3
-----	C	19	19	19	19	19	19
85838-X30LF	B	3	3	3	3	3	3
	A	3	3	3	3	3	3
85838-X31	E	1	1	1	1	1	1
-----	D	3	3	3	3	3	3
-----	C	19	19	19	19	19	19
85838-X31LF	B	3	3	3	3	3	3
	A	1	1	1	1	1	1
85838-X32	E	1	1	1	1	1	1
-----	D	1	1	1	1	1	1
-----	C	2	2	2	2	2	2
85838-X32LF	B	1	1	1	1	1	1
	A	2	2	2	2	2	2

mat'l code		--		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0.X ±0.3	COPY		projection		title	
BF				angles	0.XX ±0.13	MM				METRAL SIGNAL HEADER 1 MOD, 5 ROW PRESS-FIT	
				dr	.XXX ±.051	scale		product family		code	
				engr	0° ±2°	1:1		METRAL		213	
				chr				size		sheet	
				appd				A		4	
sheet index		revision sheet									



This document is the property of and embodies CONFIDENTIAL and PROPRIETARY information of FCI. No part of the information shown on this document may be used in any way or disclosed to others without the written consent of FCI. Copyright FCI.

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85838-X33	E	6	6	6	6	6	6
	D	6	6	6	6	6	6
-----	C	6	6	6	6	6	6
85838-X33LF	B	5	5	5	5	5	5
	A	5	5	5	5	5	5
85838-X34	E	19	19	19	19	19	19
-----	D	19	19	19	19	19	19
-----	C	19	19	19	19	19	19
85838-X34LF	B	4	4	4	4	4	4
	A	4	4	4	4	4	4
85838-X35	E	2	2	2	2	2	2
-----	D	4	4	4	4	4	4
-----	C	4	4	4	4	4	4
85838-X35LF	B	4	4	4	4	4	4
	A	2	2	2	2	2	2
85838-X36	E	21	21	21	21	21	21
-----	D	21	21	21	21	21	21
-----	C	21	21	21	21	21	21
85838-X36LF	B	12	12	12	12	12	12
	A	12	12	12	12	12	12
85838-X37	E	3	3	3	3	3	3
-----	D	3	3	3	3	3	3
-----	C	4	4	4	4	4	4
85838-X37LF	B	19	19	19	19	19	19
	A	19	19	19	19	19	19
85838-X38	E	59	59	59	59	59	59
-----	D	59	59	59	59	59	59
-----	C	59	59	59	59	59	59
85838-X38LF	B	59	59	59	59	59	59
	A	59	59	59	59	59	59
85838-X39	E	59	59	59	59	59	59
-----	D	59	59	59	59	59	59
-----	C	59	59	59	59	59	59
85838-X39LF	B	59	59	59	59	59	59
	A	61	61	61	61	61	61
85838-X40	E	60	60	60	60	60	60
-----	D	61	61	61	61	61	61
-----	C	60	60	60	60	60	60
85838-X40LF	B	60	60	60	60	60	60
	A	61	61	61	61	61	61
85838-X41	E	61	61	61	61	61	61
-----	D	61	61	61	61	61	61
-----	C	61	61	61	61	61	61
85838-X41LF	B	61	61	61	61	61	61
	A	61	61	61	61	61	61
85838-X42	E	60	60	60	60	60	60
-----	D	60	60	60	60	60	60
-----	C	60	60	60	60	60	60
85838-X42LF	B	62	62	62	62	62	62
	A	60	60	60	60	60	60
85838-X43	E	61	61	61	61	61	61
-----	D	61	61	61	61	61	61
-----	C	62	62	62	62	62	62
85838-X43LF	B	63	63	63	63	63	63
	A	63	63	63	63	63	63
85838-X44	E	61	61	61	61	61	61
-----	D	61	61	61	61	61	61
-----	C	61	61	61	61	61	61
85838-X44LF	B	63	63	63	63	63	63
	A	61	61	61	61	61	61
85838-X45	E	60	60	60	60	60	60
-----	D	60	60	60	60	60	60
-----	C	60	60	60	60	60	60
85838-X45LF	B	60	60	60	60	60	60
	A	60	60	60	60	60	60
85838-X46	E	62	62	62	62	62	62
-----	D	62	62	62	62	62	62
-----	C	62	62	62	62	62	62
85838-X46LF	B	62	62	62	62	62	62
	A	62	62	62	62	62	62
85838-X47	E	63	63	63	63	63	63
-----	D	63	63	63	63	63	63
-----	C	63	63	63	63	63	63
85838-X47LF	B	63	63	63	63	63	63
	A	63	63	63	63	63	63
85838-X48	E	40	40	40	40	40	40
-----	D	40	40	40	40	40	40
-----	C	40	40	40	40	40	40
85838-X48LF	B	40	40	40	40	40	40
	A	40	40	40	40	40	40

mat'l code		--		tolerances unless otherwise specified		CUSTOMER		FCI www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0.X ±0.3	COPY		title	
BF				angles	0.XX ±0.13	projection		METRAL SIGNAL HEADER	
					.XXX ±.051			1 MOD, 5 ROW PRESS-FIT	
					0° ±2°			product family METRAL code	
				dr	T.BRUNGARD 11/19/99	scale		size	
				engr	M.STRAWSER 11/19/99	1:1		dwg no	
				chr	M.STRAWSER 11/19/99			A 85838	
				appd	M.STRAWSER 02/29/00			213	
sheet index	revision sheet							sheet 5	



This document is the property of and embodies CONFIDENTIAL and PROPRIETARY information of FCI. No part of the information shown on this document may be used in any way or disclosed to others without the written consent of FCI. Copyright FCI.

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85838-X49	E	40	40	40	40	40	40
	D	40	40	40	40	40	40
-----	C	40	40	40	40	40	40
85838-X49LF	B	40	40	40	40	40	40
	A	41	41	41	41	41	41

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85838-X50	E	25	25	25	25	25	25
	D	41	41	41	41	41	41
-----	C	25	25	25	25	25	25
85838-X50LF	B	25	25	25	25	25	25
	A	41	41	41	41	41	41

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85838-X51	E	41	41	41	41	41	41
	D	41	41	41	41	41	41
-----	C	41	41	41	41	41	41
85838-X51LF	B	41	41	41	41	41	41
	A	41	41	41	41	41	41

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85838-X52	E	25	25	25	25	25	25
	D	25	25	25	25	25	25
-----	C	25	25	25	25	25	25
85838-X52LF	B	42	42	42	42	42	42
	A	25	25	25	25	25	25

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85838-X53	E	41	41	41	41	41	41
	D	41	41	41	41	41	41
-----	C	42	42	42	42	42	42
85838-X53LF	B	43	43	43	43	43	43
	A	43	43	43	43	43	43

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85838-X54	E	41	41	41	41	41	41
	D	41	41	41	41	41	41
-----	C	41	41	41	41	41	41
85838-X54LF	B	43	43	43	43	43	43
	A	41	41	41	41	41	41

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85838-X55	E	42	42	42	42	42	42
	D	42	42	42	42	42	42
-----	C	42	42	42	42	42	42
85838-X55LF	B	42	42	42	42	42	42
	A	42	42	42	42	42	42

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85838-X56	E	43	43	43	43	43	43
	D	43	43	43	43	43	43
-----	C	43	43	43	43	43	43
85838-X56LF	B	43	43	43	43	43	43
	A	43	43	43	43	43	43

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85838-X57	E	11	11	11	11	11	11
	D	11	11	11	11	11	11
-----	C	12	12	12	12	12	12
85838-X57LF	B	21	21	21	21	21	21
	A	21	21	21	21	21	21

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85838-X58	E	11	11	11	11	11	11
	D	11	11	11	11	11	11
-----	C	11	11	11	11	11	11
85838-X58LF	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
85838-X59	E	7	7	7	7	7	7
	D	7	7	7	7	7	7
-----	C	8	8	8	8	8	8
85838-X59LF	B	20	20	20	20	20	20
	A	20	20	20	20	20	20

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85838-X60	E	7	7	7	7	7	7
	D	7	7	7	7	7	7
-----	C	7	7	7	7	7	7
85838-X60LF	B	20	20	20	20	20	20
	A	7	7	7	7	7	7

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85838-X61	E	2	2	2	2	2	2
	D	1	1	1	1	1	1
-----	C	1	1	1	1	1	1
85838-X61LF	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-X62	E	1	1	1	1	1	1
	D	2	2	2	2	2	2
-----	C	3	3	3	3	3	3
85838-X62LF	B	2	2	2	2	2	2
	A	1	1	1	1	1	1

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85838-X63	E	-	-	-	-	-	-
	D	4	4	4	4	4	4
-----	C	4	4	4	4	4	4
85838-X63LF	B	4	4	4	4	4	4
	A	3	3	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85838-X64	E	2	2	2	2	2	2
	D	3	3	3	3	3	3
-----	C	4	4	4	4	4	4
85838-X64LF	B	4	4	4	4	4	4
	A	4	4	4	4	4	4

mat'l code				tolerances unless otherwise specified				CUSTOMER		FCI www.fciconnect.com	
ltr	ecn no.	dr	date	linear		0.X ±0.3		COPY		title	
BF				angles		0.XX ±0.13		projection		METRAL SIGNAL HEADER	
				dr		.XXX ±0.051				1 MOD, 5 ROW PRESS-FIT	
				engr		0° ±2°				product family METRAL code	
				chr		T.BRUNGARD 11/19/99				size	
				appd		M.STRAWSER 11/19/99		A		dwg no	
						M.STRAWSER 11/19/99		A		85838	
						M.STRAWSER 02/29/00		A		213	
sheet index	revision sheet									sheet 6	



This document is the property of and embodies CONFIDENTIAL and PROPRIETARY information of FCI. No part of the information shown on this document may be used in any way or disclosed to others without the written consent of FCI. Copyright FCI.

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85838-X65	E	6	6	6	6	6	6
	D	7	7	7	7	7	7
-----	C	8	8	8	8	8	8
85838-X65LF	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-X66	E	1	1	1	1	1	1
	D	1	1	1	1	1	1
-----	C	-	-	-	-	-	-
85838-X66LF	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-X67	E	2	2	2	2	2	2
	D	2	2	2	2	2	2
-----	C	2	2	2	2	2	2
85838-X67LF	B	2	2	2	2	2	2
	A	1	1	1	1	1	1

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85838-X68	E	60	60	60	60	60	60
	D	59	59	59	59	59	59
-----	C	60	60	60	60	60	60
85838-X68LF	B	60	60	60	60	60	60
	A	61	61	61	61	61	61

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85838-X69	E	1	1	1	1	1	1
	D	2	2	2	2	2	2
-----	C	2	2	2	2	2	2
85838-X69LF	B	2	2	2	2	2	2
	A	4	4	4	4	4	4

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85838-X70	E	19	19	19	19	19	19
	D	19	19	19	19	19	19
-----	C	4	4	4	4	4	4
85838-X70LF	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-X71	E	3	3	3	3	3	3
	D	3	3	3	3	3	3
-----	C	3	3	3	3	3	3
85838-X71LF	B	3	3	3	3	3	3
	A	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85838-X72	E	6	6	6	6	6	6
	D	8	8	8	8	8	8
-----	C	8	8	8	8	8	8
85838-X72LF	B	8	8	8	8	8	8
	A	6	6	6	6	6	6

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85838-X73	E	3	3	3	3	3	3
	D	3	3	3	3	3	3
-----	C	3	3	3	3	3	3
85838-X73LF	B	3	3	3	3	3	3
	A	4	4	4	4	4	4

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85838-X74	E	19	19	19	19	19	19
	D	1	1	1	1	1	1
-----	C	1	1	1	1	1	1
85838-X74LF	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-X75	E	3	3	3	3	3	3
	D	2	2	2	2	2	2
-----	C	2	2	2	2	2	2
85838-X75LF	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-X76	E	4	4	4	4	4	4
	D	3	3	3	3	3	3
-----	C	3	3	3	3	3	3
85838-X76LF	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-X77	E	1	1	1	1	1	1
	D	2	2	2	2	2	2
-----	C	2	2	2	2	2	2
85838-X77LF	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-X78	E	3	3	3	3	3	3
	D	2	2	2	2	2	2
-----	C	2	2	2	2	2	2
85838-X78LF	B	2	2	2	2	2	2
	A	3	3	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85838-X79	E	19	19	19	19	19	19
	D	19	19	19	19	19	19
-----	C	3	3	3	3	3	3
85838-X79LF	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-X80	E	1	1	1	1	1	1
	D	3	3	3	3	3	3
-----	C	3	3	3	3	3	3
85838-X80LF	B	3	3	3	3	3	3
	A	1	1	1	1	1	1

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI www.fciconnect.com	
ltr	ecr no.	dr	date	linear	0.X ±0.3	COPY		title	
BF				angles	0.XX ±0.13	projection		METRAL SIGNAL HEADER	
				dr	.XXX ±.051	MM		1 MOD, 5 ROW PRESS-FIT	
				engr	0° ±2°	scale		product family	
				chr	T.BRUNGARD 11/19/99	1:1		METRAL	
				appd	M.STRAWSER 11/19/99	A		code	
					M.STRAWSER 11/19/99			213	
					M.STRAWSER 02/29/00			sheet	
sheet index	revision sheet							7	

1 | 2

3 |

4

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85838-X81	E	3	3	3	3	3	3
	D	1	1	1	1	1	1
-----	C	1	1	1	1	1	1
85838-X81LF	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-X82	E	1	1	1	1	1	1
	D	1	1	1	1	1	1
-----	C	2	2	2	2	2	2
85838-X82LF	B	1	1	1	1	1	1
	A	1	1	1	1	1	1

A


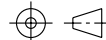
A



This document is the property of and embodies CONFIDENTIAL and PROPRIETARY information of FCI. No part of the information shown on this document may be used in any way or disclosed to others without the written consent of FCI. Copyright FCI.

B

B

mat'l code		--	tolerances unless otherwise specified		CUSTOMER	 www.fciconnect.com	
ltr	ecm no.	dr	date	linear	0.X ±0.3	COPY	
BF				linear	0.XX ±0.13	projection	title METRAL SIGNAL HEADER 1 MOD, 5 ROW PRESS-FIT
				angles	.XXX ±.051		
				dr	T.BRUNGARD 11/19/99	MM	product family METRAL
				enr	M.STRAWSER 11/19/99		code 213
				chr	M.STRAWSER 11/19/99	size A	dwg no 85838
				appd	M.STRAWSER 02/29/00	scale 1:1	sheet 8
sheet index	revision sheet						

1 | 2

Pro/E

3 |

cage code 22526

4

PRODUCT NUMBER
85838-XYX
85838-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: 85838-XYX IS SnPb, 85838-XYXLF IS Sn(LEAD FREE)
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. -A PLATING HAS Au FLASH IN PRESS FIT AREA (LEAD FREE).
10. 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.

PLATING IN CONTACT AREA		NOTES
DASH NUMBER	PERFORMANCE LEVEL	
-AYY	TELCORDIA CO (SEE NOTE 9)	-
-NIYY	TELCORDIA CO (NXT)	-
-N5YY	TELCORDIA UE (NXT)	-
-IYY	TELCORDIA CO	-
-2YY	TELECOM CLASS	-
-3YY	IEC CLASS I	-
-5YY	TELCORDIA UE	-
-9YY	TELCORDIA CO	-
-AYXLF	TELCORDIA CO (SEE NOTE 9)	SEE NOTE 10
-NIYXLF	TELCORDIA CO (NXT) IEC CLASS I	SEE NOTE 10
-N5YXLF	TELCORDIA UE (NXT)	SEE NOTE 10
-IYXLF	TELCORDIA CO IEC CLASS I	SEE NOTE 10
-2YXLF	TELECOM CLASS	SEE NOTE 10
-5YXLF	TELCORDIA UE	SEE NOTE 10



This document is the property of and embodies
 CONFIDENTIAL and PROPRIETARY information of FCI.
 No part of the information shown on this
 document may be used in any way or disclosed
 to others without the written consent of FCI.
 Copyright FCI.

mat'l code				--		tolerances unless otherwise specified		CUSTOMER		FCI www.fciconnect.com	
ltr	ecr no.	dr	date	linear	0.X ±0.3		COPY		title METRAL SIGNAL HEADER 1 MOD, 5 ROW PRESS-FIT		
BF					0.XX ±0.13		projection				
					.XXX ±.051						
				angles	0° ±2°				product family METRAL code		
				dr	T.BRUNGARD	11/19/99	MM		size	dwg no	213
				engr	M.STRAWSER	11/19/99			A	85838	sheet
				chr	M.STRAWSER	11/19/99	scale				9
				appd	M.STRAWSER	02/29/00	1:1				
sheet index	revision sheet										