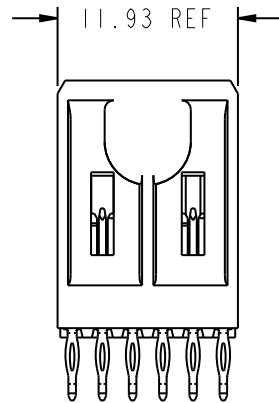
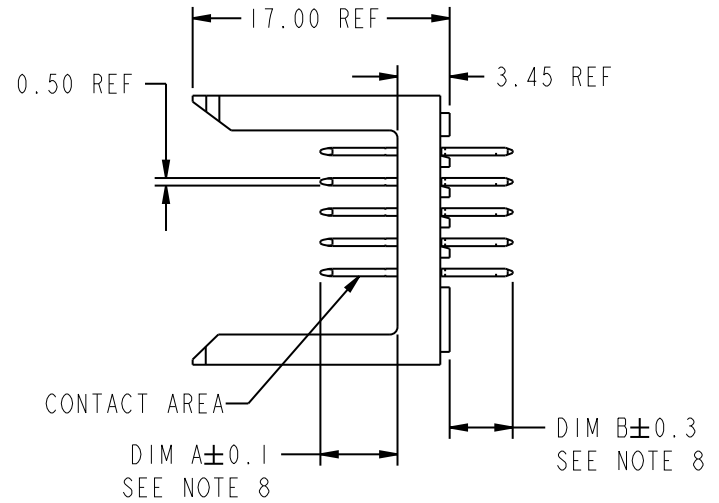
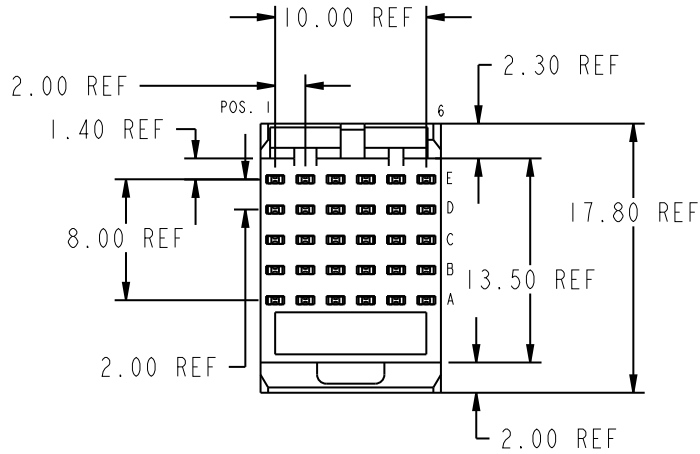


PRODUCT NUMBER
85838-XYX
85838-XYLF

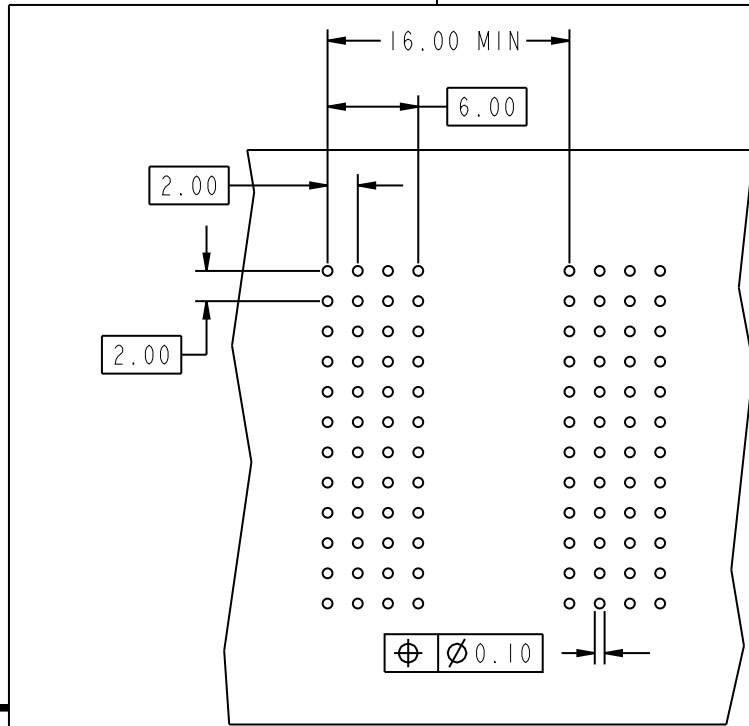


mat'l code				tolerances unless otherwise specified				CUSTOMER		FCJ www.fciconnect.com	
lfr	ecm no.	dr	date	linear	0.X ± 0.3				COPY		title METRAL SIGNAL HEADER 1 MOD, 5 ROW PRESS-FIT
BF	V06-0569	DCH	2006-06-13		0.XX ± 0.13				projection		
BG	DG09-0256	TER	2009-08-19		.XXX ± .051						
-	-	-	-	angles	0° ± 2°						
BB	V04-1100	DAI	01/20/05	dr	T.BRUNGARD	11/19/99	MM		product family METRAL code		
BC	V05-0516	DAI	05/24/05	enrg	M.STRAWSER	11/19/99	← MM →		size		
BD	V05-1027	LP	11/08/05	chr	M.STRAWSER	11/19/99	scale		2:1		
BE	V05-1030	LP	11/21/05	appd	M.STRAWSER	02/29/00	A		85838		
sheet index	revision sheet	BG	BG	BG	BG	BG	BG	BG	BG	BG	213 sheet 1 of 9

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

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

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		FCJ www.fcjconnect.com	
ltr	ecm no.	dr	date	linear	0.X ±0.3	COPY		projection	title METRAL SIGNAL HEADER 1 MOD, 5 ROW PRESS-FIT
BG					0.XX ±0.13	MM			
					.XXX ±.051	2:1			
				angles	0° ±2°	scale		product family	code
		dr	T.BRUNGARD	11/19/99	A		size	METRAL	213
		enr	M.STRAWSER	11/19/99	A		dwg no		sheet
		chr	M.STRAWSER	11/19/99	A		85838		2
		appd	M.STRAWSER	02/29/00	A				
sheet index	revision sheet							cage code	
								22526	



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METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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		 www.fciconnect.com	
ltr	ecr no.	dr	date	linear	0.X ±0.3	COPY		title	
BG				angles	0.XX ±0.13	projection		METRAL SIGNAL HEADER	
				dr	.XXX ±.051			1 MOD, 5 ROW PRESS-FIT	
				engr	0° ±2°			product family	
				chr	T.BRUNGARD 11/19/99	MM		METRAL	
				appd	M.STRAWSER 11/19/99			code	
					M.STRAWSER 11/19/99	size		213	
					M.STRAWSER 02/29/00	A		sheet	
sheet index	revision sheet					scale		3	
						1:1		85838	
						cage code		22526	



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

mat'l code		--		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
ltr	ecr no.	dr	date	linear	0.X ±0.3	COPY		projection		title	
BG				angles	0.XX ±0.13	MM				METRAL SIGNAL HEADER 1 MOD, 5 ROW PRESS-FIT	
				dr	.XXX ±.051	MM		product family		code	
				engr	0° ±2°	MM		METRAL		213	
				chr		MM		size		sheet	
				appd		MM		A		4	
						MM		85838			
sheet index	revision sheet					MM		scale			
						MM		1:1			
						MM		A			
						MM		cage code		22526	
						MM				4	



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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
METRAL P/N	ROW	1	2	3	4	5	6
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
METRAL P/N	ROW	1	2	3	4	5	6
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
METRAL P/N	ROW	1	2	3	4	5	6
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
METRAL P/N	ROW	1	2	3	4	5	6
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
METRAL P/N	ROW	1	2	3	4	5	6
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
METRAL P/N	ROW	1	2	3	4	5	6
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
METRAL P/N	ROW	1	2	3	4	5	6
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
METRAL P/N	ROW	1	2	3	4	5	6
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
METRAL P/N	ROW	1	2	3	4	5	6
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
METRAL P/N	ROW	1	2	3	4	5	6
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
METRAL P/N	ROW	1	2	3	4	5	6
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
METRAL P/N	ROW	1	2	3	4	5	6
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
METRAL P/N	ROW	1	2	3	4	5	6
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
METRAL P/N	ROW	1	2	3	4	5	6
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
METRAL P/N	ROW	1	2	3	4	5	6
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	ecr no.	dr	date	linear	0.X ±0.3	COPY	title	
BG				angles	0.XX ±0.13	projection	METRAL SIGNAL HEADER	
					.XXX ±.051		1 MOD, 5 ROW PRESS-FIT	
				dr	0° ±2°		product family	METRAL
				engr	T.BRUNGARD 11/19/99	scale	size	code
				chr	M.STRAWSER 11/19/99	1:1	dwg no	213
				appd	M.STRAWSER 02/29/00		85838	sheet
sheet index	revision sheet							5
							cage code	22526



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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
	B	40	40	40	40	40	40
85838-X49LF	A	41	41	41	41	41	41
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
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
85838-X52	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
85838-X52LF	A	25	25	25	25	25	25
85838-X53	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
85838-X53LF	A	43	43	43	43	43	43
85838-X54	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
85838-X54LF	A	41	41	41	41	41	41
85838-X55	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
85838-X55LF	A	42	42	42	42	42	42
85838-X56	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
85838-X56LF	A	43	43	43	43	43	43
85838-X57	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
85838-X57LF	A	21	21	21	21	21	21
85838-X58	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
85838-X58LF	A	11	11	11	11	11	11
85838-X59	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
85838-X59LF	A	20	20	20	20	20	20
85838-X60	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
85838-X60LF	A	7	7	7	7	7	7
85838-X61	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
85838-X61LF	A	1	1	1	1	1	1
85838-X62	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
85838-X62LF	A	1	1	1	1	1	1
85838-X63	E	-	-	-	-	-	-
	D	4	4	4	4	4	4
	C	4	4	4	4	4	4
	B	4	4	4	4	4	4
85838-X63LF	A	3	3	3	3	3	3
85838-X64	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
85838-X64LF	A	4	4	4	4	4	4

mat'l code				tolerances unless otherwise specified				CUSTOMER		FCJ	
ltr	ecn no.	dr	date	linear	0.X ±0.3			COPY		www.fcjconnect.com	
BG				angles	0.XX ±0.13			projection		title	
					.XXX ±.051					METRAL SIGNAL HEADER	
					0° ±2°					1 MOD, 5 ROW PRESS-FIT	
				dr	T.BRUNGARD	11/19/99		MM		product family	
				engr	M.STRAWSER	11/19/99		←		METRAL	
				chr	M.STRAWSER	11/19/99		→		code	
				appd	M.STRAWSER	02/29/00		scale		213	
								1:1		sheet	
sheet index	revision sheet									6	
										cage code	
										22526	

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-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-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-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-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-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-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-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-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-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-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-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-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-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-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-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



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

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	I	I	I	I	I	I
-----	C	I	I	I	I	I	I
85838-X81LF	B	I	I	I	I	I	I
	A	I	I	I	I	I	I

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

A


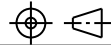
A



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B

B

mat'l code				--	tolerances unless otherwise specified		CUSTOMER	 www.fcjconnect.com			
ltr	ecm no.	dr	date	linear	0.X ±0.3		COPY	title METRAL SIGNAL HEADER I MOD, 5 ROW PRESS-FIT			
BG					0.XX ±0.13		projection				
					.XXX ±.051		angles				
				angles	0° ±2°						
		dr	T.BRUNGARD	11/19/99	MM		product family		METRAL	code	
		enr	M.STRAWSER	11/19/99			size		dwg no	213	
		chr	M.STRAWSER	11/19/99	scale		A		85838		
		appd	M.STRAWSER	02/29/00			1:1		sheet		8
sheet index	revision sheet										

1 | 2

Pro/E

3 |

cage code 22526

4

PRODUCT NUMBER
85838-XYX
85838-XYLX

NOTES:

- FOR DIM A AND B SEE SHEET 2 AND UP.
- BODY MATERIAL: LIQUID CRYSTAL
POLYMER 30 % GLASS.
FLAME RETARDANT ACC. UL 94-V0.
- PIN MATERIAL:
PHOSPHOR BRONZE.
- PLATING ON PRESS-FIT TAIL: 85838-XYX IS SnPb, 85838-XYLX IS Sn(LEAD FREE)
CONTACT AREA CONFORMS TO PERFORMANCE LEVEL SHOWN IN TABLE BELOW.
- PRODUCT MARKING:
PART NUMBER DESIGNATION & BATCH I.D.
- 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-XXXXP
- PRODUCT SPECIFICATION: GS-12-180
APPLICATION SPECIFICATION: BUS-20-073
- AFTER INSERTION INTO CIRCUIT BOARD WITH QUALIFIED TOOL.
- A PLATING HAS Au FLASH IN PRESS FIT AREA (LEAD FREE).
- THE PRODUCTS WHERE THE PART NUMBER ENDS IN LX 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	
-AYX	TELCORDIA CO (SEE NOTE 9)	-
-N1YX	TELCORDIA CO (NXT)	-
-N5YX	TELCORDIA UE (NXT)	-
-1YX	TELCORDIA CO	-
-2YX	TELECOM CLASS	-
-3YX	IEC CLASS I	-
-5YX	TELCORDIA UE	-
-AYLX	TELCORDIA CO (SEE NOTE 9)	SEE NOTE 10
-N1YLX	TELCORDIA CO (NXT) IEC CLASS I	SEE NOTE 10
-N5YLX	TELCORDIA UE (NXT)	SEE NOTE 10
-1YLX	TELCORDIA CO IEC CLASS I	SEE NOTE 10
-2YLX	TELECOM CLASS	SEE NOTE 10
-5YLX	TELCORDIA UE	SEE NOTE 10



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mat'l code				tolerances unless otherwise specified		CUSTOMER		www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0.X ±0.3		COPY		title METRAL SIGNAL HEADER 1 MOD, 5 ROW PRESS-FIT
BG					0.XX ±0.13		projection		
					.XXX ±.051				
				angles	0° ±2°				product family METRAL code 213 size dwg no 85838 sheet 9
				dr	T.BRUNGARD	11/19/99	MM		
				enqr	M.STRAWSER	11/19/99			
				chr	M.STRAWSER	11/19/99	scale 1:1		
				appd	M.STRAWSER	02/29/00	A		
sheet index	revision sheet								cage code 22526