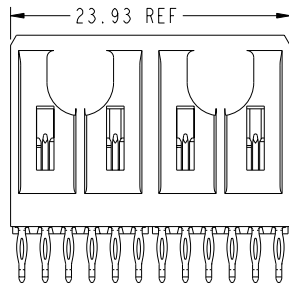
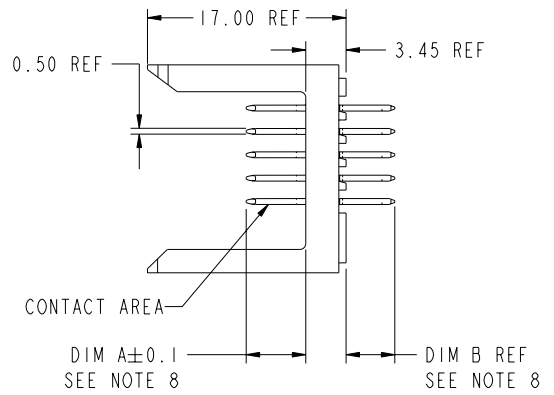
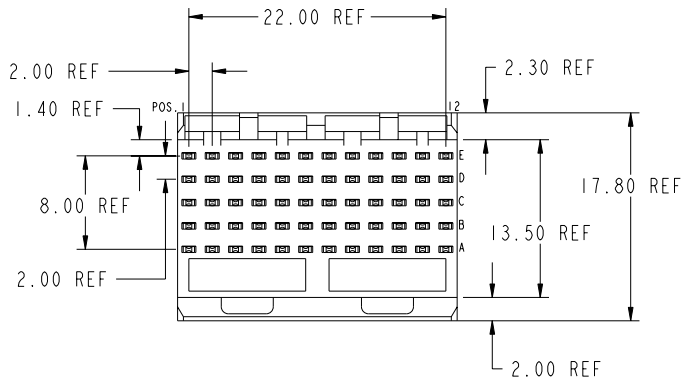




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PRODUCT NUMBER
85832-XYX
85832-XYXLF



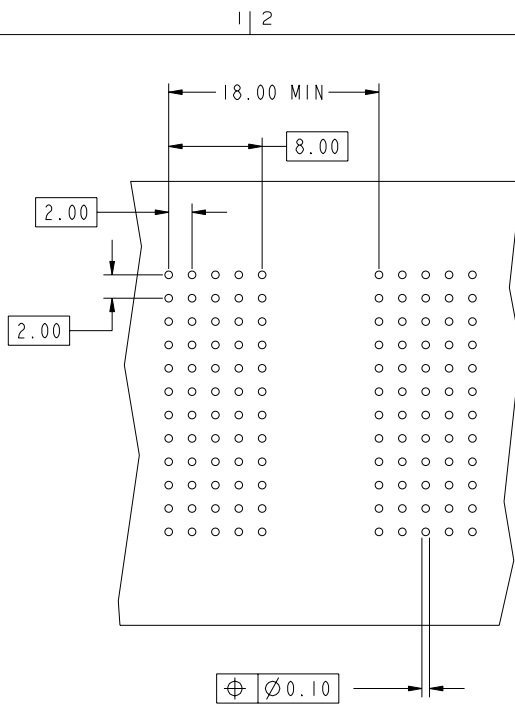
mat'l code				tolerances unless otherwise specified				CUSTOMER		FCJ	
ltr	ecm no.	dr	date	linear	0.X ± 0.3	projection	COPY		www.fcjconnect.com		
-	V06-0569	DCH	2006-06-12		0.XX ± 0.13		title		METRAL SIGNAL HEADER		
M	V04-0353	DAI	05/02/04	angles	.XXX ± .051		product family		METRAL		
N	V04-0559	HTB	06/01/04	chr	° ± 2°	MM	size		213		
P	V04-1059	HTB	10/25/04	enr		2:1	dwg no		85832		
R	V04-1100	DAI	01/20/05	chr			sheet		1 of 8		
S	V05-0235	LP	3/30/05	oppd			sheet index				
sheet	revision	T	T	T	T	T	T	T	T	T	
index	sheet	1	2	3	4	5	6	7	8		

REV E - 2006-04-18

PDM: Rev:T STATUS: Released Printed: May 16, 2009



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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

mat'l code		--		tolerances unless otherwise specified		CUSTOMER		FCJ		www.fcjconnect.com	
ltr	ecn no.	dr	date	linear	0.X ±0.3	projection	COPY	title	METRAL SIGNAL HEADER		
					0.XX ±0.13			2 MOD, 5 ROW PRESS-FIT			
				angles	.XXX ±.051			product family	METRAL		code
				dr	0° ±2°			size	dwg no	85832	213
				eng	T.BRUNGARD 11/19/99			scale	2:1		sheet
				chr	M.STRAWER 11/19/99						2
				appd	M.STRAWER 02/29/00						
sheet index	revision sheet										

cage code 22526

Pro/E

PDM: Rev:T STATUS: Released Printed: May 16, 2009



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METRAL P/N	ROW	CONTACT MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X01	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
85832-X01LF	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 MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X06	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
85832-X06LF	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 MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X10	E	N/A											
	D	2	2	2	2	2	2	2	2	2	2	2	2
85832-X10LF	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 MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X02	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
85832-X02LF	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 MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X07	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
85832-X07LF	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 MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X11	E	N/A											
	D	4	4	4	4	4	4	4	4	4	4	4	4
85832-X11LF	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 MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X03	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
85832-X03LF	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 MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X08	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
85832-X08LF	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 MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X12	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
85832-X12LF	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 MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X04	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
85832-X04LF	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 MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X09	E	N/A											
	D	6	6	6	6	6	6	6	6	6	6	6	6
85832-X09LF	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 MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X13	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
85832-X13LF	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 MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X05	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
85832-X05LF	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

mat'l code	--	tolerances unless otherwise specified	CUSTOMER	FCI www.fciconnect.com
ltr	ecn no.	dr	date	COPY
T				projection
				$0.X \pm 0.3$
				$0.XX \pm 0.13$
				$.XXX \pm 0.01$
				angles $\phi^\circ \pm 2^\circ$
		dr	T. BRUNGARD	11/19/99
		eng	M. STRAWSER	11/19/99
		chr	M. STRAWSER	11/19/99
		appd	M. STRAWSER	02/29/00
sheet	revision			
index	sheet			
			scale	MM 1:1
				product family METRAL
			size	dwg no. 85832
				code 213
				sheet 3
				cage code 22526



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METRAL P/N	ROW	CONTACT MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
85832-X14	E	16	16	16	16	16	16	16	16
	D	16	16	16	16	16	16	16	16
	C	16	16	16	16	16	16	16	16
85832-X14LF	B	16	16	16	16	16	16	16	16
	A	16	16	16	16	16	16	16	16

METRAL P/N	ROW	CONTACT MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
85832-X15	E	13	13	13	13	13	13	13	13
	D	13	13	13	13	13	13	13	13
	C	13	13	13	13	13	13	13	13
85832-X15LF	B	13	13	13	13	13	13	13	13
	A	13	13	13	13	13	13	13	13

METRAL P/N	ROW	CONTACT MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
85832-X16	E	17	17	17	17	17	17	17	17
	D	17	17	17	17	17	17	17	17
	C	17	17	17	17	17	17	17	17
85832-X16LF	B	17	17	17	17	17	17	17	17
	A	17	17	17	17	17	17	17	17

METRAL P/N	ROW	CONTACT MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
85832-X17	E	14	14	14	14	14	14	14	14
	D	14	14	14	14	14	14	14	14
	C	14	14	14	14	14	14	14	14
85832-X17LF	B	14	14	14	14	14	14	14	14
	A	14	14	14	14	14	14	14	14

METRAL P/N	ROW	CONTACT MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
85832-X18	E	18	18	18	18	18	18	18	18
	D	18	18	18	18	18	18	18	18
	C	18	18	18	18	18	18	18	18
85832-X18LF	B	18	18	18	18	18	18	18	18
	A	18	18	18	18	18	18	18	18

METRAL P/N	ROW	CONTACT MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
85832-X19	E	15	15	15	15	15	15	15	15
	D	15	15	15	15	15	15	15	15
	C	15	15	15	15	15	15	15	15
85832-X19LF	B	15	15	15	15	15	15	15	15
	A	15	15	15	15	15	15	15	15

METRAL P/N	ROW	CONTACT MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
85832-X20	E	10	10	10	10	10	10	10	10
	D	9	9	9	9	9	9	9	9
	C	10	10	10	10	10	10	10	10
85832-X20LF	B	9	9	9	9	9	9	9	9
	A	11	11	11	11	11	11	11	11

METRAL P/N	ROW	CONTACT MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
85832-X21	E	10	10	10	10	10	10	10	10
	D	10	10	10	10	10	10	10	10
	C	9	9	9	9	9	9	9	9
85832-X21LF	B	9	9	9	9	9	9	9	9
	A	11	11	11	11	11	11	11	11

METRAL P/N	ROW	CONTACT MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
85832-X22	E	2	2	2	2	2	2	2	2
	D	4	4	4	4	4	4	4	4
	C	2	2	2	2	2	2	2	2
85832-X22LF	B	2	2	2	2	2	2	2	2
	A	2	2	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
85832-X23	E	19	19	19	19	19	19	19	19
	D	1	1	1	1	1	1	1	1
	C	19	19	19	19	19	19	19	19
85832-X23LF	B	1	1	1	1	1	1	1	1
	A	19	19	19	19	19	19	19	19

METRAL P/N	ROW	CONTACT MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
85832-X24	E	20	20	20	20	20	20	20	20
	D	5	5	5	5	5	5	5	5
	C	20	20	20	20	20	20	20	20
85832-X24LF	B	5	5	5	5	5	5	5	5
	A	20	20	20	20	20	20	20	20

METRAL P/N	ROW	CONTACT MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
85832-X25	E	22	22	22	22	22	22	22	22
	D	22	22	22	22	22	22	22	22
	C	22	22	22	22	22	22	22	22
85832-X25LF	B	22	22	22	22	22	22	22	22
	A	22	22	22	22	22	22	22	22

METRAL P/N	ROW	CONTACT MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
85832-X26	E	54	54	54	54	54	54	54	54
	D	55	55	55	55	55	55	55	55
	C	56	56	56	56	56	56	56	56
85832-X26LF	B	55	55	55	55	55	55	55	55
	A	54	54	54	54	54	54	54	54

mat'l code		--		tolerances unless otherwise specified		CUSTOMER		 www.fcjconnect.com	
lfr	ecn no.	dr	date	linear	0.X ± 0.3	projection	title		
					.XXX ± .051		METRAL SIGNAL HEADER		
				angles	0° ± 2°		2 MOD, 5 ROW PRESS-FIT		
				dr	T. BRUNGARD 11/19/99	product family	METRAL		
				eng	M. STRAWSER 11/19/99	size	dwg no		
				chr	M. STRAWSER 11/19/99	scale	85832		
				appd	M. STRAWSER 02/29/00		213		
sheet	revision							sheet	
index	sheet							4	



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METRAL P/N	ROW	CONTACT MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
85832-X27	E	48	48	48	48	48	48	48	48
	D	48	48	48	48	48	48	48	48
85832-X27LF	C	48	48	48	48	48	48	48	48
	B	48	48	48	48	48	48	48	48
85832-X27LF	A	48	48	48	48	48	48	48	48

METRAL P/N	ROW	CONTACT MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
85832-X28	E	3	3	3	3	3	3	3	3
	D	19	19	19	19	19	19	19	19
85832-X28LF	C	3	3	3	3	3	3	3	3
	B	3	3	3	3	3	3	3	3
85832-X28LF	A	1	1	1	1	1	1	1	1

METRAL P/N	ROW	CONTACT MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
85832-X29	E	56	56	56	56	56	56	56	56
	D	56	56	56	56	56	56	56	56
85832-X29LF	C	56	56	56	56	56	56	56	56
	B	56	56	56	56	56	56	56	56
85832-X29LF	A	56	56	56	56	56	56	56	56

METRAL P/N	ROW	CONTACT MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
85832-X30	E	3	3	3	3	3	3	3	3
	D	3	3	3	3	3	3	3	3
85832-X30LF	C	19	19	19	19	19	19	19	19
	B	3	3	3	3	3	3	3	3
85832-X30LF	A	3	3	3	3	3	3	3	3

METRAL P/N	ROW	CONTACT MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
85832-X31	E	1	1	1	1	1	1	1	1
	D	3	3	3	3	3	3	3	3
85832-X31LF	C	19	19	19	19	19	19	19	19
	B	3	3	3	3	3	3	3	3
85832-X31LF	A	1	1	1	1	1	1	1	1

METRAL P/N	ROW	CONTACT MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
85832-X32	E	1	1	1	1	1	1	1	1
	D	1	1	1	1	1	1	1	1
85832-X32LF	C	2	2	2	2	2	2	2	2
	B	1	1	1	1	1	1	1	1
85832-X32LF	A	2	2	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
85832-X33	E	6	6	6	6	6	6	6	6
	D	6	6	6	6	6	6	6	6
85832-X33LF	C	6	6	6	6	6	6	6	6
	B	5	5	5	5	5	5	5	5
85832-X33LF	A	5	5	5	5	5	5	5	5

METRAL P/N	ROW	CONTACT MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
85832-X34	E	21	21	21	21	21	21	21	21
	D	21	21	21	21	21	21	21	21
85832-X34LF	C	21	21	21	21	21	21	21	21
	B	12	12	12	12	12	12	12	12
85832-X34LF	A	12	12	12	12	12	12	12	12

METRAL P/N	ROW	CONTACT MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
85832-X35	E	3	3	3	3	3	3	3	3
	D	3	3	3	3	3	3	3	3
85832-X35LF	C	4	4	4	4	4	4	4	4
	B	19	19	19	19	19	19	19	19
85832-X35LF	A	19	19	19	19	19	19	19	19

METRAL P/N	ROW	CONTACT MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
85832-X36	E	59	59	59	59	59	59	59	59
	D	59	59	59	59	59	59	59	59
85832-X36LF	C	59	59	59	59	59	59	59	59
	B	59	59	59	59	59	59	59	59
85832-X36LF	A	59	59	59	59	59	59	59	59

METRAL P/N	ROW	CONTACT MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
85832-X37	E	59	59	59	59	59	59	59	59
	D	59	59	59	59	59	59	59	59
85832-X37LF	C	59	59	59	59	59	59	59	59
	B	59	59	59	59	59	59	59	59
85832-X37LF	A	61	61	61	61	61	61	61	61

METRAL P/N	ROW	CONTACT MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
85832-X38	E	60	60	60	60	60	60	60	60
	D	61	61	61	61	61	61	61	61
85832-X38LF	C	60	60	60	60	60	60	60	60
	B	60	60	60	60	60	60	60	60
85832-X38LF	A	61	61	61	61	61	61	61	61

METRAL P/N	ROW	CONTACT MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
85832-X39	E	61	61	61	61	61	61	61	61
	D	61	61	61	61	61	61	61	61
85832-X39LF	C	61	61	61	61	61	61	61	61
	B	61	61	61	61	61	61	61	61
85832-X39LF	A	61	61	61	61	61	61	61	61

mat'l code		--		tolerances unless otherwise specified		CUSTOMER		FCI	
lfr	ecn no.	dr	date	linear	0.X ± 0.3	COPY	www.fciconnect.com	title	
T				angles	0.XX ± 0.13	projection		METRAL SIGNAL HEADER	
				eng	.XXX ± .051			2 MOD, 5 ROW PRESS-FIT	
				ctr	0° ± 2°		product family	METRAL	code
				appd		scale	MM	size	dwg no
sheet	revision					1:1	A	85832	sheet
index	sheet								5
								cage code	22526



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METRAL P/N	ROW	CONTACT MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X40	E	60	60	60	60	60	60	60	60	60	60	60	60
	D	60	60	60	60	60	60	60	60	60	60	60	60
	C	60	60	60	60	60	60	60	60	60	60	60	60
85832-X40LF	B	62	62	62	62	62	62	62	62	62	62	62	62
	A	60	60	60	60	60	60	60	60	60	60	60	60

METRAL P/N	ROW	CONTACT MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X41	E	61	61	61	61	61	61	61	61	61	61	61	61
	D	61	61	61	61	61	61	61	61	61	61	61	61
	C	62	62	62	62	62	62	62	62	62	62	62	62
85832-X41LF	B	63	63	63	63	63	63	63	63	63	63	63	63
	A	63	63	63	63	63	63	63	63	63	63	63	63

METRAL P/N	ROW	CONTACT MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X42	E	61	61	61	61	61	61	61	61	61	61	61	61
	D	61	61	61	61	61	61	61	61	61	61	61	61
	C	61	61	61	61	61	61	61	61	61	61	61	61
85832-X42LF	B	63	63	63	63	63	63	63	63	63	63	63	63
	A	61	61	61	61	61	61	61	61	61	61	61	61

METRAL P/N	ROW	CONTACT MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X43	E	60	60	60	60	60	60	60	60	60	60	60	60
	D	60	60	60	60	60	60	60	60	60	60	60	60
	C	60	60	60	60	60	60	60	60	60	60	60	60
85832-X43LF	B	60	60	60	60	60	60	60	60	60	60	60	60
	A	60	60	60	60	60	60	60	60	60	60	60	60

METRAL P/N	ROW	CONTACT MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X44	E	62	62	62	62	62	62	62	62	62	62	62	62
	D	62	62	62	62	62	62	62	62	62	62	62	62
	C	62	62	62	62	62	62	62	62	62	62	62	62
85832-X44LF	B	62	62	62	62	62	62	62	62	62	62	62	62
	A	62	62	62	62	62	62	62	62	62	62	62	62

METRAL P/N	ROW	CONTACT MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X45	E	63	63	63	63	63	63	63	63	63	63	63	63
	D	63	63	63	63	63	63	63	63	63	63	63	63
	C	63	63	63	63	63	63	63	63	63	63	63	63
85832-X45LF	B	63	63	63	63	63	63	63	63	63	63	63	63
	A	63	63	63	63	63	63	63	63	63	63	63	63

METRAL P/N	ROW	CONTACT MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X46	E	40	40	40	40	40	40	40	40	40	40	40	40
	D	40	40	40	40	40	40	40	40	40	40	40	40
	C	40	40	40	40	40	40	40	40	40	40	40	40
85832-X46LF	B	40	40	40	40	40	40	40	40	40	40	40	40
	A	40	40	40	40	40	40	40	40	40	40	40	40

METRAL P/N	ROW	CONTACT MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X47	E	40	40	40	40	40	40	40	40	40	40	40	40
	D	40	40	40	40	40	40	40	40	40	40	40	40
	C	40	40	40	40	40	40	40	40	40	40	40	40
85832-X47LF	B	40	40	40	40	40	40	40	40	40	40	40	40
	A	41	41	41	41	41	41	41	41	41	41	41	41

METRAL P/N	ROW	CONTACT MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X48	E	25	25	25	25	25	25	25	25	25	25	25	25
	D	41	41	41	41	41	41	41	41	41	41	41	41
	C	25	25	25	25	25	25	25	25	25	25	25	25
85832-X48LF	B	25	25	25	25	25	25	25	25	25	25	25	25
	A	41	41	41	41	41	41	41	41	41	41	41	41

METRAL P/N	ROW	CONTACT MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X49	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
85832-X49LF	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 MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X50	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
85832-X50LF	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 MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X51	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
85832-X51LF	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 MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X52	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
85832-X52LF	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

mat'l code		--		tolerances unless otherwise specified		CUSTOMER		
lfr	ecn no.	dr	date	linear	0.X ±.0.3	COPY	www.fciconnect.com	
T				0.XX ±.0.13	.XXX ±.051	projection	title METRAL SIGNAL HEADER 2 MOD, 5 ROW PRESS-FIT	
				angles	0° ±2°		product family METRAL code 213	
				dr	T. BRUNGARD 11/19/99		size dwg no 85832 sheet 6	
				eng	M. STRAWSER 11/19/99	scale	A	
				chr	M. STRAWSER 11/19/99	1:1		
				appd	M. STRAWSER 02/29/00			
sheet index	revision sheet						cage code 22526	

REV E - 2004-04-18

1 2 Pro/E 3 4 PDM: Rev:T STATUS: Released Printed: May 16, 2009



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METRAL P/N	ROW	CONTACT MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X53	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
85832-X53LF	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 MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X54	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
85832-X54LF	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 MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X55	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
85832-X55LF	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 MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X56	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
85832-X56LF	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 MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X57	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
85832-X57LF	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 MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X58	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
85832-X58LF	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 MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X59	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
85832-X59LF	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 MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X60	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
85832-X60LF	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 MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X61	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
85832-X61LF	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 MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X62	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
85832-X62LF	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 MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X63	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
85832-X63LF	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 MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X64	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
85832-X64LF	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

mat'l code		--		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
lfr	ecn no.	dr	date	linear	0.XX ±0.13	projection	COPY		title METRAL SIGNAL HEADER		
				angles			METRAL		2 MOD, 5 ROW PRESS-FIT		
				dr	T. BRUNGARD 11/19/99	MM	product family		METRAL code		
				eng	M. STRAWSER 11/19/99	scale	size		dwg no 213		
				ctr	M. STRAWSER 11/19/99	1:1	A		sheet 7		
				appd	M. STRAWSER 02/29/00						
sheet index	revision	sheet									

PRODUCT NUMBER
85832-XYX
85832-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:
85832-XYX IS SnPb
85832-XYLX IS Sn (LEAD FREE)
PLATING ON 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: XXXX-XXXP
- PRODUCT SPECIFICATION GS-12-180
APPLICATION SPECIFICATION BUS-20-073

PLATING IN CONTACT AREA		NOTES
DASH NUMBER	PERFORMANCE LEVEL	
-N1YY	TELCORDIA CO (NXT)	-
-N5YY	TELCORDIA UE (NXT)	-
-1YY	TELCORDIA CO	-
-2YY	TELECOM CLASS	-
-3YY	IEC CLASS I	-
-5YY	TELCORDIA UE	-
-9YY	TELCORDIA CO	-
-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

- AFTER INSERTION INTO CIRCUIT BOARD WITH QUALIFIED TOOL.
- 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.

- REFER TO 89007 FOR OTHER LOAD VARIATIONS.



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mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI	
lfr	ecm no.	dr	date	linear	0.X ± 0.3	COPY		www.fciconnect.com	
T				angles	0.XX ± 0.13	projection		title METRAL SIGNAL HEADER	
					.XXX ± .051	MM		2 MOD, 5 ROW PRESS-FIT	
				dr	T.BRUNGARD 11/19/99	MM		product family METRAL code	
				eng	M.STRAWER 11/19/99	scale		size dwg no 213	
				chr	M.STRAWER 11/19/99	1:1		sheet 8	
				appd	M.STRAWER 02/29/00			85832	
sheet index	revision sheet								

cage code 22526 4