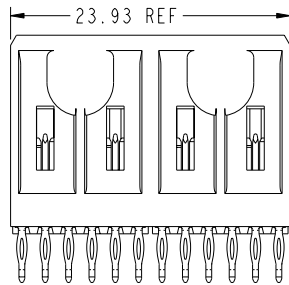
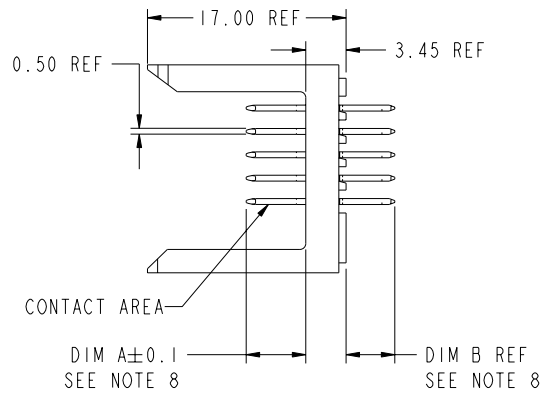
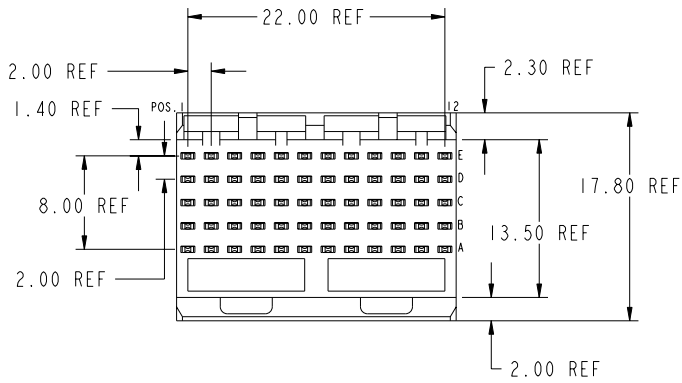


PRODUCT NUMBER
85832-XYX
85832-XYXLF



mat'l code		--		tolerances unless otherwise specified		CUSTOMER		FCJ		www.fciconnect.com	
ltr	ecm no.	dr	date	linear	0.X ±0.3	projection	COPY	title	METRAL SIGNAL HEADER		
-	-	-	2006-06-12		0.XX ±0.13	MM		2 MOD, 5 ROW PRESS-FIT			
M	V04-0353	DAI	05/02/04	angles	.XXX ±.051	MM		product family	METRAL		code
N	V04-0559	HTB	06/01/04	chr	T.BRUNGARD 11/19/99	MM		size	dwg no		213
P	V04-1059	HTB	10/25/04	engr	M.STRAWER 11/19/99	MM		scale	85832		sheet
R	V04-1100	DAI	01/20/05	chr	M.STRAWER 11/19/99	MM		2:1	A		1 of 8
S	V05-0235	LP	3/30/05	oppd	M.STRAWER 02/29/00	MM					
sheet index	revision sheet	T	T	T	T	T	T	T	T	T	T
		1	2	3	4	5	6	7	8		



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REV E - 2006-04-18

Pro/E

PDM: Rev:T

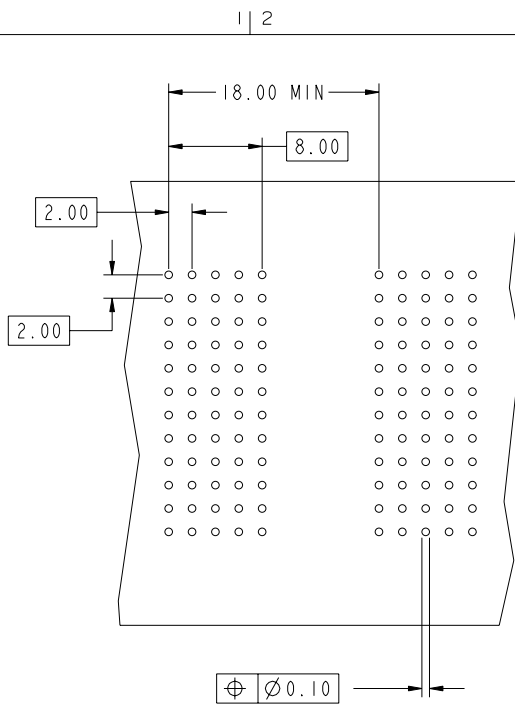
STATUS: Released

Printed: May 16, 2009

cage code 22526



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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	ecm no.	dr	date	linear	0.X ±0.3	projection	COPY	title	METRAL SIGNAL HEADER		
					0.XX ±0.13	MM		2 MOD, 5 ROW PRESS-FIT			
				angles	.XXX ±.051	scale		product family	METRAL		code
					0° ±2°	2:1		size	dwg no	213	
				dr	T.BRUNGARD 11/19/99			85832		sheet	
				eng	M.STRAWER 11/19/99					2	
				chr	M.STRAWER 11/19/99						
				appd	M.STRAWER 02/29/00						
sheet index	revision sheet										

REV E - 2006-04-18

Pro/E

PDM: Rev:T

STATUS: Released

Printed: May 16, 2009

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-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-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-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-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-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

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-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-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-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-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-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-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-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

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	
				chr	0° ±2°		product family	METRAL	code
				appr		size	dwg no	85832	sheet
sheet	revision					scale			3
index	sheet					1:1			



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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-X14	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
85832-X14LF	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 MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X15	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
85832-X15LF	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 MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X16	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
85832-X16LF	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

METRAL P/N	ROW	CONTACT MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X17	E	14	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
85832-X17LF	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 MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X18	E	18	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
85832-X18LF	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 MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X19	E	15	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
85832-X19LF	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 MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X20	E	10	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
85832-X20LF	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 MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X21	E	10	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
85832-X21LF	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 MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X22	E	2	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
85832-X22LF	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-X23	E	19	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
85832-X23LF	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 MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X24	E	20	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
85832-X24LF	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 MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X25	E	22	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
85832-X25LF	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 MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X26	E	54	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
85832-X26LF	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

mat'l code		--		tolerances unless otherwise specified		CUSTOMER				www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0.X ± 0.3	projection	COPY		title		
					0.XX ± 0.13				METRAL SIGNAL HEADER		
				angles	.XXX ± .051				2 MOD, 5 ROW PRESS-FIT		
				dr	± 2°				product family METRAL code		
				eng	T. BRUNGARD 11/19/99	scale			size dwg no 213		
				ctr	M. STRAWSER 11/19/99	1:1			sheet 4		
				appd	M. STRAWSER 02/29/00				85832		
sheet index	revision sheet								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-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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	A	61	61	61	61	61	61	61	61

mat'l code		--		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	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	MM		2 MOD, 5 ROW PRESS-FIT	
				ctr	0° ±2°	scale		product family	
				appd	T. BRUNGARD 11/19/99	1:1		METRAL	
sheet	revision				M. STRAWSER 11/19/99			size	
index	sheet				M. STRAWSER 02/29/00			dwg no	
								85832	
								code	
								213	
								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
85832-X40	E	60	60	60	60	60	60	60	60
	D	60	60	60	60	60	60	60	60
	C	60	60	60	60	60	60	60	60
85832-X40LF	B	62	62	62	62	62	62	62	62
	A	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
85832-X41	E	61	61	61	61	61	61	61	61
	D	61	61	61	61	61	61	61	61
	C	62	62	62	62	62	62	62	62
85832-X41LF	B	63	63	63	63	63	63	63	63
	A	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
85832-X42	E	61	61	61	61	61	61	61	61
	D	61	61	61	61	61	61	61	61
	C	61	61	61	61	61	61	61	61
85832-X42LF	B	63	63	63	63	63	63	63	63
	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-X43	E	60	60	60	60	60	60	60	60
	D	60	60	60	60	60	60	60	60
	C	60	60	60	60	60	60	60	60
85832-X43LF	B	60	60	60	60	60	60	60	60
	A	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
85832-X44	E	62	62	62	62	62	62	62	62
	D	62	62	62	62	62	62	62	62
	C	62	62	62	62	62	62	62	62
85832-X44LF	B	62	62	62	62	62	62	62	62
	A	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
85832-X45	E	63	63	63	63	63	63	63	63
	D	63	63	63	63	63	63	63	63
	C	63	63	63	63	63	63	63	63
85832-X45LF	B	63	63	63	63	63	63	63	63
	A	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
85832-X46	E	40	40	40	40	40	40	40	40
	D	40	40	40	40	40	40	40	40
	C	40	40	40	40	40	40	40	40
85832-X46LF	B	40	40	40	40	40	40	40	40
	A	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
85832-X47	E	40	40	40	40	40	40	40	40
	D	40	40	40	40	40	40	40	40
	C	40	40	40	40	40	40	40	40
85832-X47LF	B	40	40	40	40	40	40	40	40
	A	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
85832-X48	E	25	25	25	25	25	25	25	25
	D	41	41	41	41	41	41	41	41
	C	25	25	25	25	25	25	25	25
85832-X48LF	B	25	25	25	25	25	25	25	25
	A	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
85832-X49	E	41	41	41	41	41	41	41	41
	D	41	41	41	41	41	41	41	41
	C	41	41	41	41	41	41	41	41
85832-X49LF	B	41	41	41	41	41	41	41	41
	A	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
85832-X50	E	25	25	25	25	25	25	25	25
	D	25	25	25	25	25	25	25	25
	C	25	25	25	25	25	25	25	25
85832-X50LF	B	42	42	42	42	42	42	42	42
	A	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
85832-X51	E	41	41	41	41	41	41	41	41
	D	41	41	41	41	41	41	41	41
	C	42	42	42	42	42	42	42	42
85832-X51LF	B	43	43	43	43	43	43	43	43
	A	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
85832-X52	E	41	41	41	41	41	41	41	41
	D	41	41	41	41	41	41	41	41
	C	41	41	41	41	41	41	41	41
85832-X52LF	B	43	43	43	43	43	43	43	43
	A	41	41	41	41	41	41	41	41

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



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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	
ltr	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	product family		METRAL		
				eng	M. STRAWSER	11/19/99	size		213		
				chr	M. STRAWSER	11/19/99	scale		7		
				appd	M. STRAWSER	02/29/00	A		85832		
sheet index	revision sheet						1:1				

PRODUCT NUMBER
85832-XXX
85832-XYLFF

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-XXX IS SnPb
85832-XYLFF 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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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		2 MOD, 5 ROW PRESS-FIT		
				dr	T.BRUNGARD 11/19/99		product family	METRAL	code
				eng	M.STRAWER 11/19/99	scale	size	dwg no	213
				chr	M.STRAWER 11/19/99	1:1	A	85832	sheet
				appd	M.STRAWER 02/29/00				8
sheet index	revision sheet								

cage code 22526 4