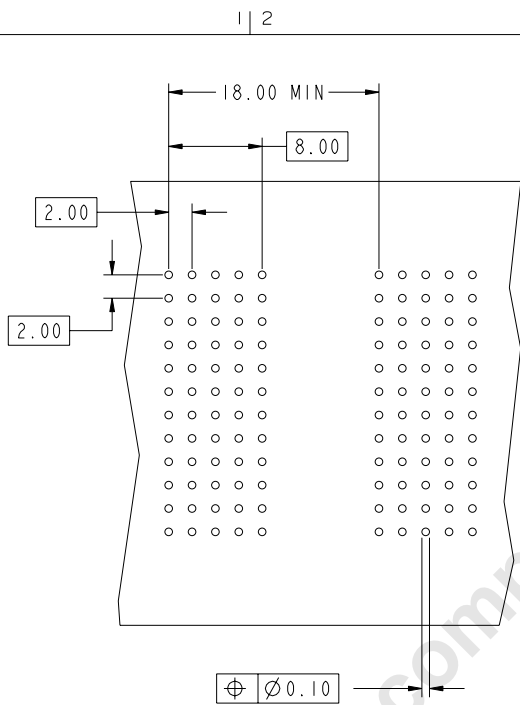




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REQUIRED PC BOARD LAYOUT
COMPONENT SIDE
SEE PRINT 58351 FOR
ADDITIONAL PCB INFORMATION

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		
				angles	.XXX ±.051	MM		2 MOD, 5 ROW PRESS-FIT			
				dr	0° ±2°	scale		product family	METRAL	code	213
				eng	T.BRUNGARD 11/19/99	2:1		size	dwg no	85832	sheet
				chr	M.STRAWER 11/19/99						2
				appd	M.STRAWER 02/29/00						
sheet index	revision sheet										

cage code 22526

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-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		www.fciconnect.com	
lfr	ecm no.	dr	date	linear	0.X ±0.3	projection	COPY	title	METRAL SIGNAL HEADER		
				angles	.XXX ±.051			2 MOD, 5 ROW PRESS-FIT			
				dr	0° ±2°		product family	METRAL		code	213
				eng	T. BRUNGARD 11/19/99	scale	size	dwg no	85832		sheet
				chr	M. STRAWSER 11/19/99	1:1	A			3	
				appd	M. STRAWSER 02/29/00						
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	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		FCI		www.fciconnect.com		
ltr	ecn no.	dr	date	linear	0.X ±0.3	projection	COPY		title		METRAL SIGNAL HEADER	
				angles	.XXX ±.051				2 MOD, 5 ROW PRESS-FIT			
				dr	0° ±2°		product family		METRAL		code	
				eng	T. BRUNGARD 11/19/99	scale	size		dwg no		213	
				chr	M. STRAWSER 11/19/99	1:1	A		85832		sheet	
				appd	M. STRAWSER 02/29/00						4	
sheet index	revision	sheet										



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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	
itr		ecn no.		dr		date		www.fciconnect.com	
T								COPY	
				linear		0.X ±0.13		projection	
				angles		.XXX ±.051		title	
						0° ±2°		METRAL SIGNAL HEADER	
				dr		T. BRUNGARD 11/19/99		2 MOD, 5 ROW PRESS-FIT	
				eng		M. STRAWSER 11/19/99		product family	
				chr		M. STRAWSER 11/19/99		METRAL	
				appd		M. STRAWSER 02/29/00		size	
								dwg no	
								85832	
sheet		revision						code	
index		sheet						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		www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0.X ±0.3	projection	MM	title	METRAL SIGNAL HEADER
				angles	.XXX ±.051			2 MOD, 5 ROW PRESS-FIT	
				dr	T. BRUNGARD 11/19/99	product family	METRAL	code	213
				eng	M. STRAWSER 11/19/99	size	dwg no	sheet	6
				chr	M. STRAWSER 11/19/99	scale	85832		
				appd	M. STRAWSER 02/29/00	1:1			
sheet index	revision sheet								



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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		 www.fciconnect.com				
ltr	ecn no.	dr	date	linear	0.XX ±0.13	projection	 title METRAL SIGNAL HEADER 2 MOD, 5 ROW PRESS-FIT		product family	METRAL	code	213
				angles		 MM	size	dwg no	85832		sheet	7
				dr	T. BRUNGARD	11/19/99	scale	A				
				eng	M. STRAWSER	11/19/99						
				chr	M. STRAWSER	11/19/99						
				appd	M. STRAWSER	02/29/00						
sheet index	revision	sheet										

PRODUCT NUMBER
85832-YYY
85832-YYLFF

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-YYY IS SnPb
85832-YYLFF 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
- 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.

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	-
-N1YYLF	TELCORDIA CO (NXT) IEC CLASS I	SEE NOTE 9
-N5YYLF	TELCORDIA UE (NXT)	SEE NOTE 9
-1YYLF	TELCORDIA CO IEC CLASS I	SEE NOTE 9
-2YYLF	TELECOM CLASS	SEE NOTE 9
-5YYLF	TELCORDIA UE	SEE NOTE 9



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

cage code 22526 4