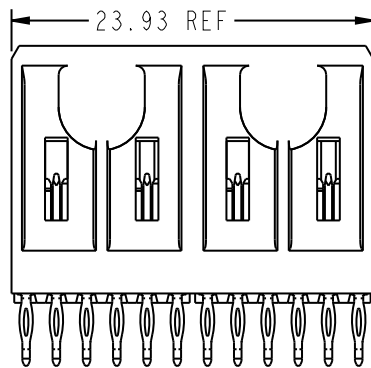
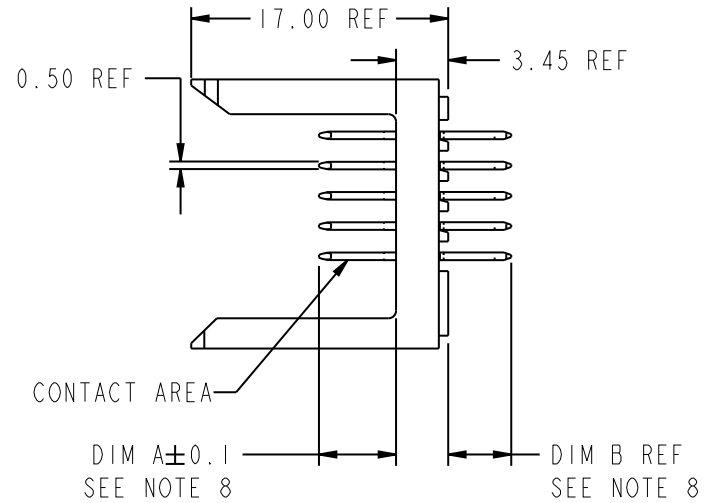
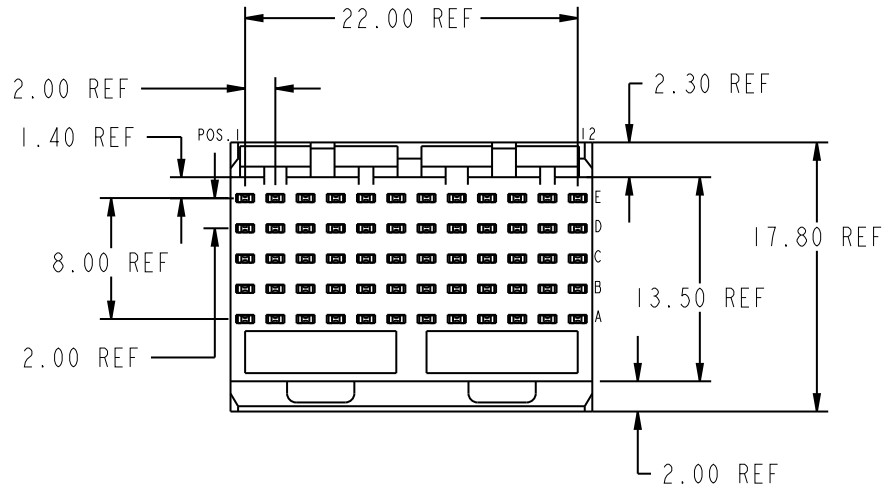


PRODUCT NUMBER
85832-XY
85832-XYLF

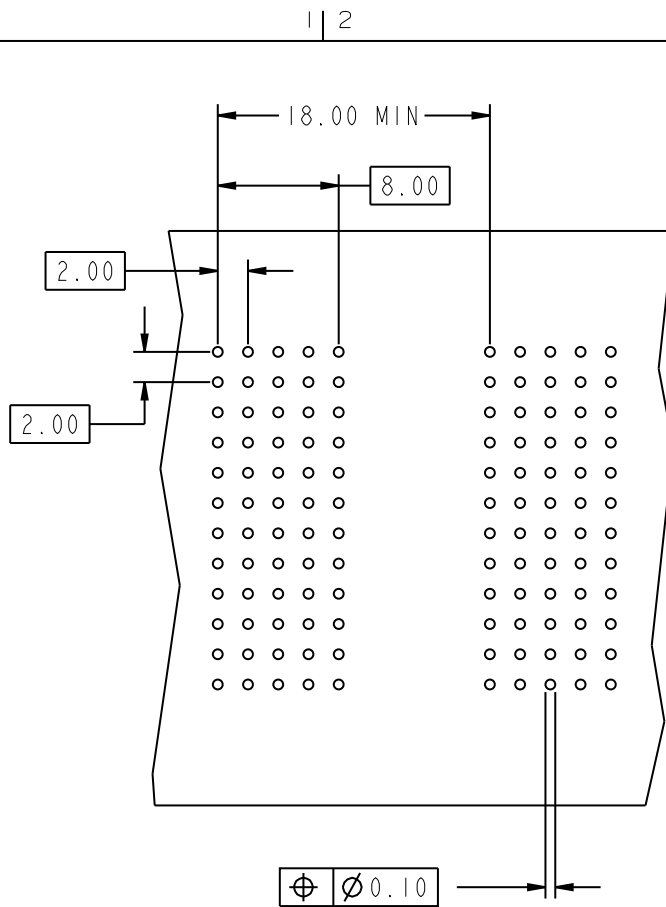


mat'l code				tolerances unless otherwise specified				CUSTOMER		FCJ www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0.X ±0.3			COPY		title	
T	V06-0569	DCH	2006-06-12		0.XX ±0.13			projection		METRAL SIGNAL HEADER 2 MOD, 5 ROW PRESS-FIT	
U	DG09-0256	TER	2009-08-19		.XXX ±.051						
-	-	-	-	angles	0° ±2°					product family METRAL code	
N	V04-0559	HTB	06/01/04	dr	T.BRUNGARD	11/19/99	scale		size		
P	V04-1059	HTB	10/25/04	engr	M.STRAWSER	11/19/99	2:1		dwg no		
R	V04-1100	DAI	01/20/05	chr	M.STRAWSER	11/19/99			213		
S	V05-0235	LP	3/30/05	appd	M.STRAWSER	02/29/00			1 of 8		
sheet		revision	U	U	U	U	U	U			
index		sheet	1	2	3	4	5	6	7	8	

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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	
ltr	ecr no.	dr	date	linear	0.X ±0.3	COPY		www.fcjconnect.com	
U					0.XX ±0.13	projection	title		
					.XXX ±.051		METRAL SIGNAL HEADER 2 MOD, 5 ROW PRESS-FIT		
				angles	0° ±2°		product family		code
		dr	T.BRUNGARD	11/19/99		MM	METRAL		213
		enr	M.STRAWSER	11/19/99		← MM →	size	dwg no	sheet
		chr	M.STRAWSER	11/19/99		scale	85832		2
		appd	M.STRAWSER	02/29/00		2:1	A		
sheet index	revision sheet						cage code		
							22526		



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METRAL P/N	ROW	CONTACT CODE 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
-----	C	25	25	25	25	25	25	25	25	25	25	25	25
85832-X01LF	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 CODE 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
-----	C	19	19	19	19	19	19	19	19	19	19	19	19
85832-X02LF	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 CODE 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
-----	C	3	3	3	3	3	3	3	3	3	3	3	3
85832-X03LF	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 CODE 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
-----	C	10	10	10	10	10	10	10	10	10	10	10	10
85832-X04LF	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 CODE 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
-----	C	44	44	44	44	44	44	44	44	44	44	44	44
85832-X05LF	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 CODE 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
-----	C	3	3	3	3	3	3	3	3	3	3	3	3
85832-X06LF	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 CODE 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
-----	C	4	4	4	4	4	4	4	4	4	4	4	4
85832-X07LF	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 CODE 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
-----	C	8	8	8	8	8	8	8	8	8	8	8	8
85832-X08LF	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 CODE 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
-----	C	6	6	6	6	6	6	6	6	6	6	6	6
85832-X09LF	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 CODE 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
-----	C	2	2	2	2	2	2	2	2	2	2	2	2
85832-X10LF	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 CODE 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
-----	C	4	4	4	4	4	4	4	4	4	4	4	4
85832-X11LF	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 CODE 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
-----	C	7	7	7	7	7	7	7	7	7	7	7	7
85832-X12LF	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 CODE 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
-----	C	3	3	3	3	3	3	3	3	3	3	3	3
85832-X13LF	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		 www.fciconnect.com	
ltr	ecr no.	dr	date	linear	0.X ±0.3	COPY		title	
U				angles	0.XX ±0.13	projection		METRAL SIGNAL HEADER	
				dr	.XXX ±.051			2 MOD, 5 ROW PRESS-FIT	
				enr	0° ±2°			product family	
				chr	T.BRUNGARD 11/19/99	scale		METRAL	
				appd	M.STRAWSER 11/19/99	1:1		code	
					M.STRAWSER 02/29/00	A		213	
sheet	revision							size	
index	sheet							85832	
								3	
								sheet	
								3	



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METRAL P/N	ROW	CONTACT CODE 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 CODE 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 CODE 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 CODE 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 CODE 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 CODE 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 CODE 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 CODE 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 CODE 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 CODE 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 CODE 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 CODE 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 CODE 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		FCJ		www.fcjconnect.com	
ltr	ecr no.	dr	date	linear	0.X ±0.3	COPY		projection		title	
U				angles	0.XX ±0.13	MM				METRAL SIGNAL HEADER 2 MOD, 5 ROW PRESS-FIT	
				dr	.XXX ±.051	scale		product family		code	
				engr	0° ±2°	1:1		METRAL		213	
				chr	T.BRUNGARD 11/19/99	A		size		sheet	
				appd	M.STRAWSER 11/19/99			85832		4	
					M.STRAWSER 02/29/00						
sheet index	revision sheet										

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X27	E	48	48	48	48	48	48	48	48	48	48	48	48
	D	48	48	48	48	48	48	48	48	48	48	48	48
-----	C	48	48	48	48	48	48	48	48	48	48	48	48
85832-X27LF	B	48	48	48	48	48	48	48	48	48	48	48	48
	A	48	48	48	48	48	48	48	48	48	48	48	48

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X32	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
-----	C	2	2	2	2	2	2	2	2	2	2	2	2
85832-X32LF	B	1	1	1	1	1	1	1	1	1	1	1	1
	A	2	2	2	2	2	2	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X36	E	59	59	59	59	59	59	59	59	59	59	59	59
	D	59	59	59	59	59	59	59	59	59	59	59	59
-----	C	59	59	59	59	59	59	59	59	59	59	59	59
85832-X36LF	B	59	59	59	59	59	59	59	59	59	59	59	59
	A	59	59	59	59	59	59	59	59	59	59	59	59

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X28	E	3	3	3	3	3	3	3	3	3	3	3	3
	D	19	19	19	19	19	19	19	19	19	19	19	19
-----	C	3	3	3	3	3	3	3	3	3	3	3	3
85832-X28LF	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 CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X33	E	6	6	6	6	6	6	6	6	6	6	6	6
	D	6	6	6	6	6	6	6	6	6	6	6	6
-----	C	6	6	6	6	6	6	6	6	6	6	6	6
85832-X33LF	B	5	5	5	5	5	5	5	5	5	5	5	5
	A	5	5	5	5	5	5	5	5	5	5	5	5

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X37	E	59	59	59	59	59	59	59	59	59	59	59	59
	D	59	59	59	59	59	59	59	59	59	59	59	59
-----	C	59	59	59	59	59	59	59	59	59	59	59	59
85832-X37LF	B	59	59	59	59	59	59	59	59	59	59	59	59
	A	6	6	6	6	6	6	6	6	6	6	6	6

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X29	E	56	56	56	56	56	56	56	56	56	56	56	56
	D	56	56	56	56	56	56	56	56	56	56	56	56
-----	C	56	56	56	56	56	56	56	56	56	56	56	56
85832-X29LF	B	56	56	56	56	56	56	56	56	56	56	56	56
	A	56	56	56	56	56	56	56	56	56	56	56	56

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X34	E	21	21	21	21	21	21	21	21	21	21	21	21
	D	21	21	21	21	21	21	21	21	21	21	21	21
-----	C	21	21	21	21	21	21	21	21	21	21	21	21
85832-X34LF	B	12	12	12	12	12	12	12	12	12	12	12	12
	A	12	12	12	12	12	12	12	12	12	12	12	12


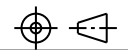


METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X38	E	60	60	60	60	60	60	60	60	60	60	60	60
	D	6	6	6	6	6	6	6	6	6	6	6	6
-----	C	60	60	60	60	60	60	60	60	60	60	60	60
85832-X38LF	B	60	60	60	60	60	60	60	60	60	60	60	60
	A	6	6	6	6	6	6	6	6	6	6	6	6

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X30	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	19	19	19	19	19	19	19	19	19	19	19	19
85832-X30LF	B	3	3	3	3	3	3	3	3	3	3	3	3
	A	3	3	3	3	3	3	3	3	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X35	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	4	4	4	4	4	4	4	4	4	4	4	4
85832-X35LF	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 CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X39	E	6	6	6	6	6	6	6	6	6	6	6	6
	D	6	6	6	6	6	6	6	6	6	6	6	6
-----	C	6	6	6	6	6	6	6	6	6	6	6	6
85832-X39LF	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 CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X31	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
-----	C	19	19	19	19	19	19	19	19	19	19	19	19
85832-X31LF	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.fcjconnect.com	
ltr	ecr no.	dr	date	linear	0.X ±0.3	COPY		title	
U				angles	0.XX ±0.13	projection		METRAL SIGNAL HEADER	
					.XXX ±.051			2 MOD, 5 ROW PRESS-FIT	
				dr	0° ±2°			product family	
				engr	T.BRUNGARD 11/19/99	MM		METRAL	
				chr	M.STRAWSER 11/19/99			code	
				appd	M.STRAWSER 02/29/00	size		213	
sheet	revision					A		5	
index	sheet					85832			



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



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METRAL P/N	ROW	CONTACT CODE 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 CODE 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 CODE 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 CODE 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 CODE 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 CODE 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 CODE 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 CODE 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 CODE 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 CODE 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 CODE 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 CODE 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.fcjconnect.com	
ltr	ecr no.	dr	date	linear	0.XX ±0.13	COPY		projection	
U				angles		 MM		title METRAL SIGNAL HEADER 2 MOD, 5 ROW PRESS-FIT	
		dr	T.BRUNGARD	11/19/99		product family		METRAL	
		enrg	M.STRAWSER	11/19/99		size		dwg no	
		chr	M.STRAWSER	11/19/99		A		85832	
		appd	M.STRAWSER	02/29/00		scale		1:1	
sheet	revision					code		213	
index	sheet					sheet		7	

PRODUCT NUMBER
85832-XYX
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-XYX 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: XXXXX-XXXP

PLATING IN CONTACT AREA		NOTES
DASH NUMBER	PERFORMANCE LEVEL	
-NIYY	TELCORDIA CO (NXT)	-
-N5YY	TELCORDIA UE (NXT)	-
-1YY	TELCORDIA CO	-
-2YY	TELECOM CLASS	-
-3YY	IEC CLASS I	-
-5YY	TELCORDIA UE	-
-NIYYLFF	TELCORDIA CO (NXT) IEC CLASS I	SEE NOTE 9
-N5YYLFF	TELCORDIA UE (NXT)	SEE NOTE 9
-1YYLFF	TELCORDIA CO IEC CLASS I	SEE NOTE 9
-2YYLFF	TELECOM CLASS	SEE NOTE 9
-5YYLFF	TELCORDIA UE	SEE NOTE 9

- 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.)-NI--- 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.)-NI--- 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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