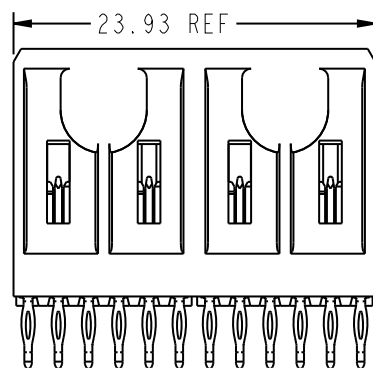
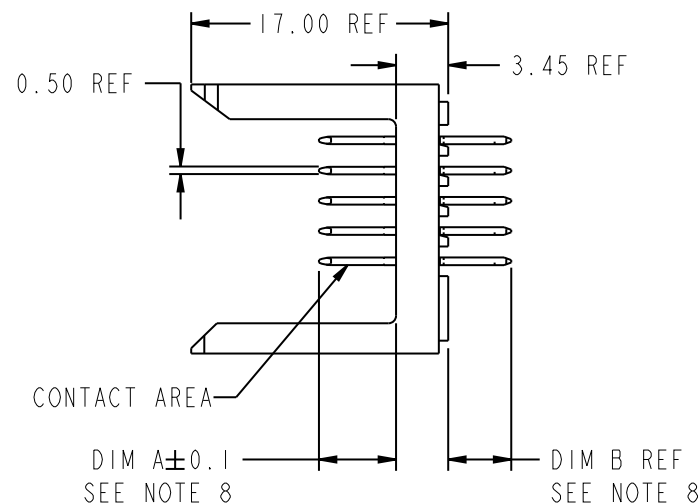
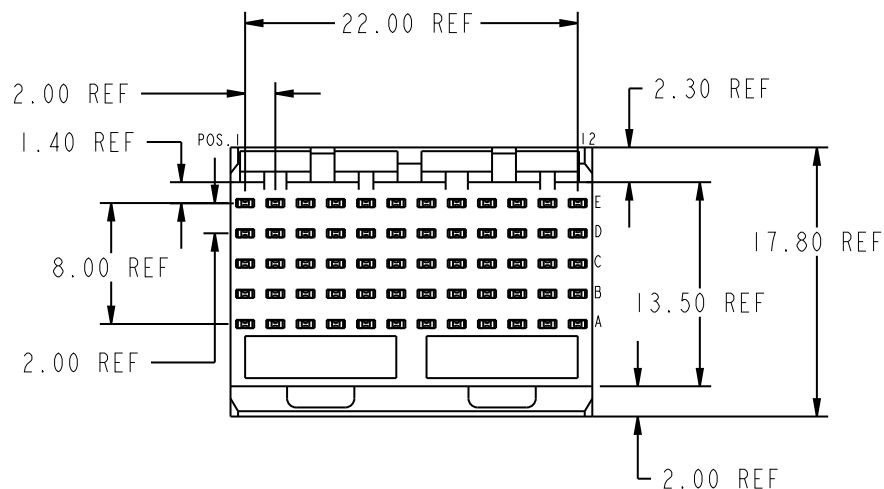
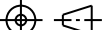
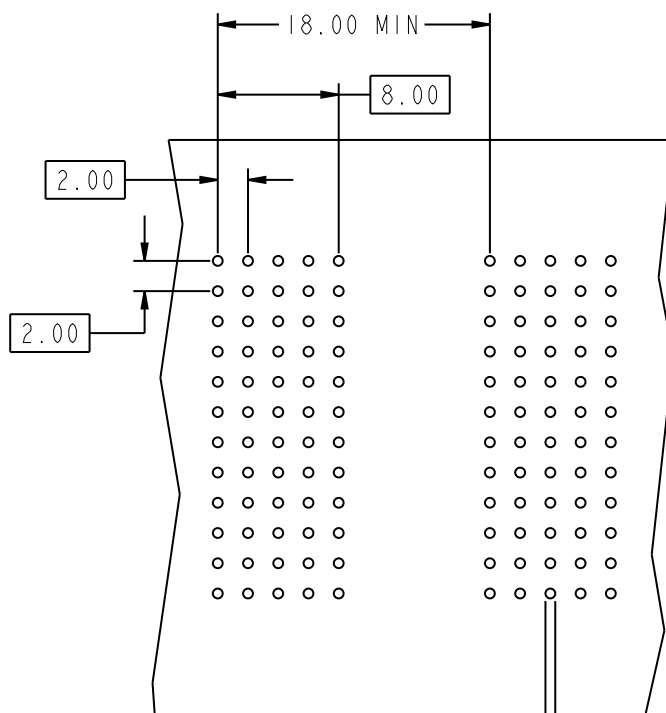




PRODUCT NUMBER
85832-XYX
85832-XYLX



mat'l code				--				tolerances unless otherwise specified				CUSTOMER		 www.fciconnect.com			
lir	ecr no.	dr	date	linear	0. X ±0.3				COPY			title METRAL SIGNAL HEADER 2 MOD, 5 ROW PRESS-FIT					
T	V06-0569	DCH	2006-06-12		0. XX ±0.13												
U	DG09-0256	TER	2009-08-19		. XXX ±.051												
-	-	-	-	angles	0° ±2°												
N	V04-0559	HTB	06/01/04	dr	T.BRUNGARD		11/19/99				product family		METRAL		code		
P	V04-1059	HTB	10/25/04	enrg	M.STRAWER		11/19/99				size	dwg no		213			
R	V04-1100	DAI	01/20/05	chr	M.STRAWER		11/19/99		scale 2:1		A		85832		sheet		
S	V05-0235	LP	3/30/05	appd	M.STRAWER		02/29/00								1 of 8		
sheet index		revision		U	U	U	U	U	U	U	U						
sheet		sheet		1	2	3	4	5	6	7	8						



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

⊕ ∅0.10

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

cage code 22526

Pro/E

PDM: Rev:U

STATUS: Released

Printed: Sep 16, 2009



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METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
85832-X01	E	25	25	25	25	25	25	25	25	25	25
	D	25	25	25	25	25	25	25	25	25	25
85832-X01LF	C	25	25	25	25	25	25	25	25	25	25
	B	25	25	25	25	25	25	25	25	25	25
	A	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
85832-X02	E	1	1	1	1	1	1	1	1	1	1
	D	3	3	3	3	3	3	3	3	3	3
85832-X02LF	C	19	19	19	19	19	19	19	19	19	19
	B	3	3	3	3	3	3	3	3	3	3
	A	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
85832-X03	E	3	3	3	3	3	3	3	3	3	3
	D	3	3	3	3	3	3	3	3	3	3
85832-X03LF	C	3	3	3	3	3	3	3	3	3	3
	B	19	19	19	19	19	19	19	19	19	19
	A	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
85832-X04	E	3	3	3	3	3	3	3	3	3	3
	D	10	10	10	10	10	10	10	10	10	10
85832-X04LF	C	10	10	10	10	10	10	10	10	10	10
	B	9	9	9	9	9	9	9	9	9	9
	A	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
85832-X05	E	44	44	44	44	44	44	44	44	44	44
	D	22	22	22	22	22	22	22	22	22	22
85832-X05LF	C	44	44	44	44	44	44	44	44	44	44
	B	44	44	44	44	44	44	44	44	44	44
	A	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
85832-X06	E	1	1	1	1	1	1	1	1	1	1
	D	1	1	1	1	1	1	1	1	1	1
85832-X06LF	C	3	3	3	3	3	3	3	3	3	3
	B	1	1	1	1	1	1	1	1	1	1
	A	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
85832-X07	E	19	19	19	19	19	19	19	19	19	19
	D	4	4	4	4	4	4	4	4	4	4
85832-X07LF	C	4	4	4	4	4	4	4	4	4	4
	B	4	4	4	4	4	4	4	4	4	4
	A	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
85832-X08	E	20	20	20	20	20	20	20	20	20	20
	D	8	8	8	8	8	8	8	8	8	8
85832-X08LF	C	8	8	8	8	8	8	8	8	8	8
	B	8	8	8	8	8	8	8	8	8	8
	A	8	8	8	8	8	8	8	8	8	8

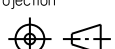
METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
85832-X09	E	N/A									
	D	6	6	6	6	6	6	6	6	6	6
85832-X09LF	C	6	6	6	6	6	6	6	6	6	6
	B	6	6	6	6	6	6	6	6	6	6
	A	6	6	6	6	6	6	6	6	6	6

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
85832-X10	E	N/A									
	D	2	2	2	2	2	2	2	2	2	2
85832-X10LF	C	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2	2	2	2
	A	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
85832-X11	E	N/A									
	D	4	4	4	4	4	4	4	4	4	4
85832-X11LF	C	4	4	4	4	4	4	4	4	4	4
	B	19	19	19	19	19	19	19	19	19	19
	A	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
85832-X12	E	7	7	7	7	7	7	7	7	7	7
	D	7	7	7	7	7	7	7	7	7	7
85832-X12LF	C	7	7	7	7	7	7	7	7	7	7
	B	7	7	7	7	7	7	7	7	7	7
	A	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
85832-X13	E	3	3	3	3	3	3	3	3	3	3
	D	3	3	3	3	3	3	3	3	3	3
85832-X13LF	C	3	3	3	3	3	3	3	3	3	3
	B	2	2	2	2	2	2	2	2	2	2
	A	2	2	2	2	2	2	2	2	2	2

mat'l code		--		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
lfr	ecr no.	dr	date	linear	0.X ±0.3	COPY	projection	title	
U					0.XX ±0.13			METRAL SIGNAL HEADER	
				angles	.XXX ±.051			2 MOD, 5 ROW PRESS-FIT	
				dr	T.BRUNGARD 11/19/99		scale	product family	code
				enrg	M.STRAWSE 11/19/99		1:1	METRAL	213
				chr	M.STRAWSE 11/19/99			size	sheet
				appd	M.STRAWSE 02/29/00			dwg no	3
sheet	revision								
index	sheet								



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METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
85832-X14	E	16	16	16	16	16	16	16	16	16	16
	D	16	16	16	16	16	16	16	16	16	16
85832-X14LF	C	16	16	16	16	16	16	16	16	16	16
	B	16	16	16	16	16	16	16	16	16	16
	A	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
85832-X15	E	13	13	13	13	13	13	13	13	13	13
	D	13	13	13	13	13	13	13	13	13	13
85832-X15LF	C	13	13	13	13	13	13	13	13	13	13
	B	13	13	13	13	13	13	13	13	13	13
	A	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
85832-X16	E	17	17	17	17	17	17	17	17	17	17
	D	17	17	17	17	17	17	17	17	17	17
85832-X16LF	C	17	17	17	17	17	17	17	17	17	17
	B	17	17	17	17	17	17	17	17	17	17
	A	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
85832-X17	E	14	14	14	14	14	14	14	14	14	14
	D	14	14	14	14	14	14	14	14	14	14
85832-X17LF	C	14	14	14	14	14	14	14	14	14	14
	B	14	14	14	14	14	14	14	14	14	14
	A	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
85832-X18	E	18	18	18	18	18	18	18	18	18	18
	D	18	18	18	18	18	18	18	18	18	18
85832-X18LF	C	18	18	18	18	18	18	18	18	18	18
	B	18	18	18	18	18	18	18	18	18	18
	A	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
85832-X19	E	15	15	15	15	15	15	15	15	15	15
	D	15	15	15	15	15	15	15	15	15	15
85832-X19LF	C	15	15	15	15	15	15	15	15	15	15
	B	15	15	15	15	15	15	15	15	15	15
	A	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
85832-X20	E	10	10	10	10	10	10	10	10	10	10
	D	9	9	9	9	9	9	9	9	9	9
85832-X20LF	C	10	10	10	10	10	10	10	10	10	10
	B	9	9	9	9	9	9	9	9	9	9
	A	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
85832-X21	E	10	10	10	10	10	10	10	10	10	10
	D	10	10	10	10	10	10	10	10	10	10
85832-X21LF	C	9	9	9	9	9	9	9	9	9	9
	B	9	9	9	9	9	9	9	9	9	9
	A	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
85832-X22	E	2	2	2	2	2	2	2	2	2	2
	D	4	4	4	4	4	4	4	4	4	4
85832-X22LF	C	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2	2	2	2
	A	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
85832-X23	E	19	19	19	19	19	19	19	19	19	19
	D	1	1	1	1	1	1	1	1	1	1
85832-X23LF	C	19	19	19	19	19	19	19	19	19	19
	B	1	1	1	1	1	1	1	1	1	1
	A	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
85832-X24	E	20	20	20	20	20	20	20	20	20	20
	D	5	5	5	5	5	5	5	5	5	5
85832-X24LF	C	20	20	20	20	20	20	20	20	20	20
	B	5	5	5	5	5	5	5	5	5	5
	A	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
85832-X25	E	22	22	22	22	22	22	22	22	22	22
	D	22	22	22	22	22	22	22	22	22	22
85832-X25LF	C	22	22	22	22	22	22	22	22	22	22
	B	22	22	22	22	22	22	22	22	22	22
	A	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
85832-X26	E	54	54	54	54	54	54	54	54	54	54
	D	55	55	55	55	55	55	55	55	55	55
85832-X26LF	C	56	56	56	56	56	56	56	56	56	56
	B	55	55	55	55	55	55	55	55	55	55
	A	54	54	54	54	54	54	54	54	54	54

mat'l code		--		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com		
lfr	ecr no.	dr	date	linear	0.X ± 0.3	COPY		projection	title	
U					0.XX ± 0.13	MM				METRAL SIGNAL HEADER 2 MOD, 5 ROW PRESS-FIT
					.XXX ± 0.051	A				
				angles	0° $\pm 2^\circ$	scale		product family	code	
				dr	T.BRUNGARD 11/19/99	1:1				METRAL
				enrg	M.STRAWSE 11/19/99			size	sheet	
				chr	M.STRAWSE 11/19/99					85832
				appd	M.STRAWSE 02/29/00			A		
sheet	revision									cage code
index	sheet							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
85832-X27	E	48	48	48	48	48	48	48	48	48	48
	D	48	48	48	48	48	48	48	48	48	48
85832-X27LF	C	48	48	48	48	48	48	48	48	48	48
	B	48	48	48	48	48	48	48	48	48	48
	A	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
85832-X28	E	3	3	3	3	3	3	3	3	3	3
	D	19	19	19	19	19	19	19	19	19	19
85832-X28LF	C	3	3	3	3	3	3	3	3	3	3
	B	3	3	3	3	3	3	3	3	3	3
	A	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
85832-X29	E	56	56	56	56	56	56	56	56	56	56
	D	56	56	56	56	56	56	56	56	56	56
85832-X29LF	C	56	56	56	56	56	56	56	56	56	56
	B	56	56	56	56	56	56	56	56	56	56
	A	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
85832-X30	E	3	3	3	3	3	3	3	3	3	3
	D	3	3	3	3	3	3	3	3	3	3
85832-X30LF	C	19	19	19	19	19	19	19	19	19	19
	B	3	3	3	3	3	3	3	3	3	3
	A	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
85832-X31	E	1	1	1	1	1	1	1	1	1	1
	D	3	3	3	3	3	3	3	3	3	3
85832-X31LF	C	19	19	19	19	19	19	19	19	19	19
	B	3	3	3	3	3	3	3	3	3	3
	A	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
85832-X32	E	1	1	1	1	1	1	1	1	1	1
	D	1	1	1	1	1	1	1	1	1	1
85832-X32LF	C	2	2	2	2	2	2	2	2	2	2
	B	1	1	1	1	1	1	1	1	1	1
	A	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
85832-X33	E	6	6	6	6	6	6	6	6	6	6
	D	6	6	6	6	6	6	6	6	6	6
85832-X33LF	C	6	6	6	6	6	6	6	6	6	6
	B	5	5	5	5	5	5	5	5	5	5
	A	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
85832-X34	E	21	21	21	21	21	21	21	21	21	21
	D	21	21	21	21	21	21	21	21	21	21
85832-X34LF	C	21	21	21	21	21	21	21	21	21	21
	B	12	12	12	12	12	12	12	12	12	12
	A	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
85832-X35	E	3	3	3	3	3	3	3	3	3	3
	D	3	3	3	3	3	3	3	3	3	3
85832-X35LF	C	4	4	4	4	4	4	4	4	4	4
	B	19	19	19	19	19	19	19	19	19	19
	A	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
85832-X36	E	59	59	59	59	59	59	59	59	59	59
	D	59	59	59	59	59	59	59	59	59	59
85832-X36LF	C	59	59	59	59	59	59	59	59	59	59
	B	59	59	59	59	59	59	59	59	59	59
	A	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
85832-X37	E	59	59	59	59	59	59	59	59	59	59
	D	59	59	59	59	59	59	59	59	59	59
85832-X37LF	C	59	59	59	59	59	59	59	59	59	59
	B	59	59	59	59	59	59	59	59	59	59
	A	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
85832-X38	E	60	60	60	60	60	60	60	60	60	60
	D	61	61	61	61	61	61	61	61	61	61
85832-X38LF	C	60	60	60	60	60	60	60	60	60	60
	B	60	60	60	60	60	60	60	60	60	60
	A	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
85832-X39	E	61	61	61	61	61	61	61	61	61	61
	D	61	61	61	61	61	61	61	61	61	61
85832-X39LF	C	61	61	61	61	61	61	61	61	61	61
	B	61	61	61	61	61	61	61	61	61	61
	A	61	61	61	61	61	61	61	61	61	61

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



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METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
85832-X40	E	60	60	60	60	60	60	60	60	60	60
	D	60	60	60	60	60	60	60	60	60	60
85832-X40LF	C	60	60	60	60	60	60	60	60	60	60
	B	62	62	62	62	62	62	62	62	62	62
	A	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
85832-X41	E	61	61	61	61	61	61	61	61	61	61
	D	61	61	61	61	61	61	61	61	61	61
85832-X41LF	C	62	62	62	62	62	62	62	62	62	62
	B	63	63	63	63	63	63	63	63	63	63
	A	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
85832-X42	E	61	61	61	61	61	61	61	61	61	61
	D	61	61	61	61	61	61	61	61	61	61
85832-X42LF	C	61	61	61	61	61	61	61	61	61	61
	B	63	63	63	63	63	63	63	63	63	63
	A	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
85832-X43	E	60	60	60	60	60	60	60	60	60	60
	D	60	60	60	60	60	60	60	60	60	60
85832-X43LF	C	60	60	60	60	60	60	60	60	60	60
	B	60	60	60	60	60	60	60	60	60	60
	A	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
85832-X44	E	62	62	62	62	62	62	62	62	62	62
	D	62	62	62	62	62	62	62	62	62	62
85832-X44LF	C	62	62	62	62	62	62	62	62	62	62
	B	62	62	62	62	62	62	62	62	62	62
	A	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
85832-X45	E	63	63	63	63	63	63	63	63	63	63
	D	63	63	63	63	63	63	63	63	63	63
85832-X45LF	C	63	63	63	63	63	63	63	63	63	63
	B	63	63	63	63	63	63	63	63	63	63
	A	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
85832-X46	E	40	40	40	40	40	40	40	40	40	40
	D	40	40	40	40	40	40	40	40	40	40
85832-X46LF	C	40	40	40	40	40	40	40	40	40	40
	B	40	40	40	40	40	40	40	40	40	40
	A	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
85832-X47	E	40	40	40	40	40	40	40	40	40	40
	D	40	40	40	40	40	40	40	40	40	40
85832-X47LF	C	40	40	40	40	40	40	40	40	40	40
	B	40	40	40	40	40	40	40	40	40	40
	A	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
85832-X48	E	25	25	25	25	25	25	25	25	25	25
	D	41	41	41	41	41	41	41	41	41	41
85832-X48LF	C	25	25	25	25	25	25	25	25	25	25
	B	25	25	25	25	25	25	25	25	25	25
	A	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
85832-X49	E	41	41	41	41	41	41	41	41	41	41
	D	41	41	41	41	41	41	41	41	41	41
85832-X49LF	C	41	41	41	41	41	41	41	41	41	41
	B	41	41	41	41	41	41	41	41	41	41
	A	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
85832-X50	E	25	25	25	25	25	25	25	25	25	25
	D	25	25	25	25	25	25	25	25	25	25
85832-X50LF	C	25	25	25	25	25	25	25	25	25	25
	B	42	42	42	42	42	42	42	42	42	42
	A	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
85832-X51	E	41	41	41	41	41	41	41	41	41	41
	D	41	41	41	41	41	41	41	41	41	41
85832-X51LF	C	42	42	42	42	42	42	42	42	42	42
	B	43	43	43	43	43	43	43	43	43	43
	A	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
85832-X52	E	41	41	41	41	41	41	41	41	41	41
	D	41	41	41	41	41	41	41	41	41	41
85832-X52LF	C	41	41	41	41	41	41	41	41	41	41
	B	43	43	43	43	43	43	43	43	43	43
	A	41	41	41	41	41	41	41	41	41	41

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

sheet		revision				cage code		22526	
index		sheet							



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

mat'l code				tolerances unless otherwise specified				CUSTOMER		FCI	
lfr	ecn no.	dr	date	linear	0.XX ±0.13	projection	COPY	title	product family	code	sheet
U				angles				METRAL SIGNAL HEADER	METRAL	213	7
				dr	T.BRUNGARD	11/19/99		2 MOD, 5 ROW PRESS-FIT			
				enrg	M.STRAWSE	11/19/99					
				chr	M.STRAWSE	11/19/99					
				appd	M.STRAWSE	02/29/00					
sheet index	revision	sheet									

3				4			
Pro/E				cage code			
22526				7			

PRODUCT NUMBER

85832-XYX

85832-XYXLF

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-XYXLF 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

- 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.

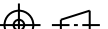
ALL PRODUCTS EXCEPT THOSE WITH PART NUMBERS CONTAINING
(DRAWING NO.)-N1--- OR (DRAWING NO.)-N5---WILL WITHSTAND EXPOSURE
TO 260°C FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR
VAPOR PHASE REFLOW OVEN. PART NUMBERS (DRAWING NO.)-N1---
AND (DRAWINGS NO.)-N5---WILL NOT WITHSTAND REFLOW AND Au CONTACT
SURFACE 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	-
-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	ecn no.	dr	date	linear	0.X ±0.3	COPY		title METRAL SIGNAL HEADER 2 MOD, 5 ROW PRESS-FIT					
U					0.XX ±0.13	projection							
				angles	.XXX ±.051			product family METRAL code 213					
					0° ±2°								
				dr	T.BRUNGARD	11/19/99	scale 1:1	size		dwg no 85832		sheet 8	
				enrg	M.STRAWSER	11/19/99		A					
				chr	M.STRAWSER	11/19/99							
				appd	M.STRAWSER	02/29/00							
sheet index	revision sheet												

cage code 22526

Pro/E

Mouser Electronics

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