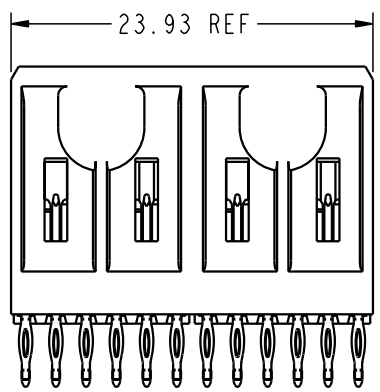
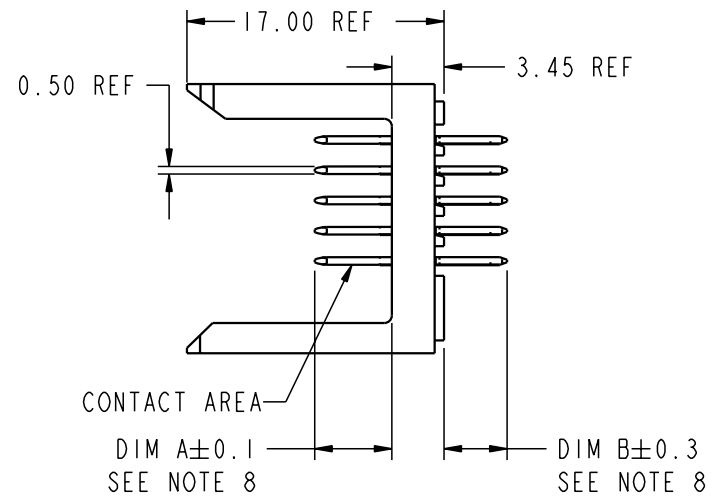
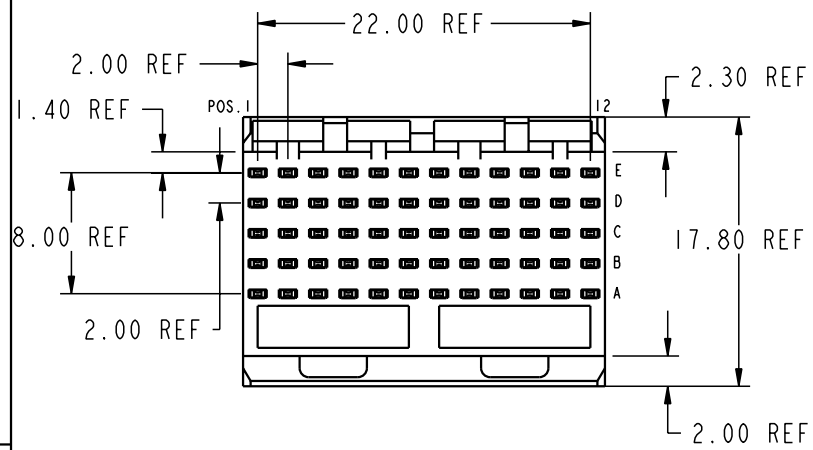


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PRODUCT NUMBER
85853-XYX OR 85853-XYXX
85853-XYXLF OR 85853-XYXXLF



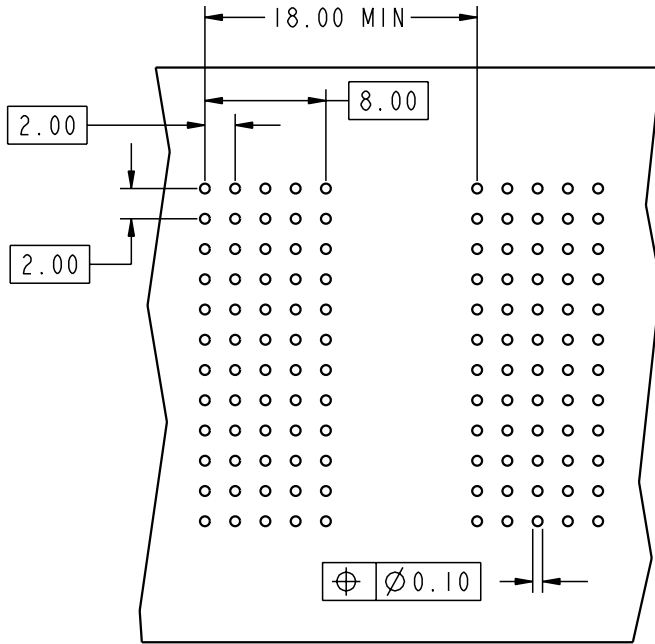
mat'l code				tolerances unless otherwise specified				CUSTOMER			FCI www.fciconnect.com								
ltr	ecn no.	dr	date	linear	0.X ±0.3				COPY			title METRAL SIGNAL HEADER 2 MOD, 5 ROW PRESS-FIT							
CN	V03-1321	DAI	01/15/04		0.XX ±0.13				projection										
CP	V04-0063	HTB	01/20/04	angles	.xxx ±.051							product family METRAL code 213 size dwg no 85853 sheet 1 of 15							
CR	V04-0151	HTB	02/13/04		0° ±2°														
CS	V04-0408	TAB	04/27/04	dr	T.BRUNGARD	11/19/99	MM			scale 2:1									
CT	V04-0353	DAI	05/02/04	enrg	M.STRAWSER	11/19/99													
CU	V04-0559	HTB	06/01/04	chr	M.STRAWSER	11/19/99	A			cage code 22526									
CV	V04-1100	DAI	01/25/05	appd	M.STRAWSER	02/29/00													
sheet index	revision sheet	CV	CV	CV	CV	CV	CV	CV	CV	CV	CV	CV	CV	CV	CV	CV	CV	CV	CV

Pro/E 3 cage code 22526 4

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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
19	8.00	4.30
20	8.00	13.60
21	8.00	17.00
25	5.75	15.60
33	7.25	12.90
36	5.75	14.40
49	5.75	15.10
64	5.75	14.90
67	7.25	16.30

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI www.fciconnect.com	
ltr	ecr no.	dr	date	linear	0.X ±0.3	COPY		projection	title METRAL SIGNAL HEADER 2 MOD, 5 ROW PRESS-FIT
CV					0.XX ±0.13	MM			
					.XXX ±.051	1:1			
				angles	0° ±2°	scale		product family	METRAL
				dr	T.BRUNGARD	11/19/99	size		213
				enr	M.STRAWSER	11/19/99	dwg no		?
				chr	M.STRAWSER	11/19/99	A		85853
				appd	M.STRAWSER	02/29/00			?
sheet index	revision sheet								

Pro/E

cage code 22526

PDM: Rev:CV

STATUS: **Released**

Printed: Feb 10, 2006

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A
FCI

A

B

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85853-X01 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	2	2	2	2	2	2	2	2	2
	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
	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
85853-X02 SEE NOTE 10 LEAD FREE OPTION	E	3	3	19	3	3	19	3	3	19	3	3	19
	D	3	19	3	3	19	3	3	19	3	3	19	3
	C	19	3	3	19	3	3	19	3	3	19	3	19
	B	3	3	19	3	3	19	3	3	19	3	3	19
	A	3	19	3	3	19	3	3	19	3	3	19	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85853-X03 SEE NOTE 10 LEAD FREE OPTION	E	19	3	19	3	19	3	19	3	19	3	19	3
	D	3	19	3	19	3	19	3	19	3	19	3	19
	C	19	3	19	3	19	3	19	3	19	3	19	3
	B	3	19	3	19	3	19	3	19	3	19	3	19
	A	19	3	19	3	19	3	19	3	19	3	19	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85853-X04 SEE NOTE 10 LEAD FREE OPTION	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	10	10	10	10	10	10	10	10	10	10	10	10
	B	10	10	10	10	10	10	10	10	10	10	10	10
	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
85853-X05 SEE NOTE 10 LEAD FREE OPTION	E	7	6	5	5	5	5	5	5	5	5	5	5
	D	7	6	5	5	5	5	5	5	5	5	5	5
	C	7	6	5	5	5	5	5	5	5	5	5	5
	B	7	6	5	5	5	5	5	5	5	5	5	5
	A	7	6	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
85853-X06 SEE NOTE 10 LEAD FREE OPTION	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
	B	25	25	25	25	25	25	25	25	25	25	25	25
	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
85853-X07 SEE NOTE 10 LEAD FREE OPTION	E	33	7	7	7	7	7	7	7	7	7	7	7
	D	36	7	7	7	7	7	7	7	7	7	7	7
	C	33	7	7	7	7	7	7	7	7	7	7	7
	B	36	7	7	7	7	7	7	7	7	7	7	7
	A	33	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
85853-X08 SEE NOTE 10 LEAD FREE OPTION	E	4	1	1	1	19	1	1	1	1	19	1	1
	D	3	1	1	1	19	1	1	1	1	1	1	1
	C	3	1	1	1	19	1	1	1	1	19	1	1
	B	3	1	1	1	19	1	1	1	1	19	1	1
	A	3	1	1	1	19	1	1	1	1	19	1	1


METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85853-X09 SEE NOTE 10 LEAD FREE OPTION	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	4	4	4	4	4	4	4	4	4	4	4	4
	B	1	2	2	2	2	2	2	1	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
85853-X10 SEE NOTE 10 LEAD FREE OPTION	E	6	6	6	6	6	6	6	6	6	6	20	6
	D	6	6	6	6	6	6	6	6	6	6	20	6
	C	6	6	6	6	6	6	6	6	6	6	20	6
	B	6	6	6	6	6	6	6	6	6	6	20	6
	A	6	6	6	6	6	6	6	6	6	6	20	6

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85853-X11 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	2	2	4	2	4	2	2	19	2
	D	2	2	2	2	2	4	2	4	2	2	19	2
	C	2	2	2	2	2	4	2	4	2	2	19	2
	B	2	2	2	2	2	4	2	4	2	2	19	2
	A	2	2	2	2	2	4	2	4	2	2	19	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85853-X12 SEE NOTE 10 LEAD FREE OPTION	E	8	8	8	6	6	6	6	6	6	6	6	6
	D	6	6	6	6	6	6	6	6	6	6	6	6
	C	20	20	20	6	6	6	6	6	6	6	6	6
	B	6	6	6	6	6	6	6	6	6	6	6	6
	A	8	8	8	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
85853-X13 SEE NOTE 10 LEAD FREE OPTION	E	4	4	4	2	2	2	2	2	2	2	2	2
	D	2	2	2	2	2	2	2	2	2	2	2	2
	C	19	19	19	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2	2	2	2	2	2
	A	4	4	4	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		0. X ± 0.3	COPY	title		METRAL SIGNAL HEADER 2 MOD, 5 ROW PRESS-FIT	
CV					linear	projection	product family		code	213
					angles	0° ± 2°	size		sheet	3
			dr	T.BRUNGARD	11/19/99	MM		dwg no		85853
			engr	M.STRAWSER	11/19/99	A		coge code		22526
			chr	M.STRAWSER	11/19/99	scale		3		4
			appd	M.STRAWSER	02/29/00	1:1				
sheet index	revision sheet									

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Pro/E

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PDM: Rev:CV

STATUS:Released

Printed: Feb 10, 2006

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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
85853-X14 SEE NOTE 10 LEAD FREE OPTION	E	1	4	1	1	1	1	1	1	1	1	1	1
	D	1	1	1	1	1	4	1	4	3	1	1	1
	C	1	1	1	4	1	1	1	4	3	3	1	1
	B	1	4	1	1	1	1	1	4	3	3	1	1
	A	1	1	1	1	1	4	1	4	1	4	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85853-X15 SEE NOTE 10 LEAD FREE OPTION	E	1	1	1	4	1	1	1	4	1	1	1	1
	D	1	4	1	1	1	1	4	1	1	1	1	4
	C	1	1	1	1	4	1	1	1	1	4	1	1
	B	1	1	4	1	1	1	1	4	1	1	1	1
	A	1	1	1	1	1	4	1	1	1	1	1	4

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85853-X16 SEE NOTE 10 LEAD FREE OPTION	E	1	1	1	1	1	3	3	1	3	1	1	1
	D	1	1	1	1	1	3	3	1	3	1	1	1
	C	1	1	1	1	1	1	1	1	1	1	1	1
	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
85853-X17 SEE NOTE 10 LEAD FREE OPTION	E	1	4	1	1	1	1	1	1	1	1	1	1
	D	1	1	1	1	1	4	1	4	3	4	1	1
	C	1	1	1	4	1	1	1	4	3	3	1	1
	B	1	4	1	1	1	1	1	4	3	3	1	1
	A	1	1	1	1	1	4	1	4	3	4	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85853-X18 SEE NOTE 10 LEAD FREE OPTION	E	1	1	1	4	1	1	1	4	1	1	1	1
	D	1	4	1	1	1	1	1	4	1	1	1	1
	C	1	1	1	1	4	1	1	1	1	4	1	1
	B	1	1	4	1	1	1	1	4	1	1	1	1
	A	4	4	1	1	1	4	1	1	1	1	1	4

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85853-X19 SEE NOTE 10 LEAD FREE OPTION	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
	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
85853-X20 SEE NOTE 10 LEAD FREE OPTION	E	3	2	2	2	2	2	3	2	2	2	2	2
	D	3	2	2	2	2	2	2	2	2	2	2	3
	C	3	2	2	2	4	4	4	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 CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85853-X21 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	2	2	2	2	2	2	19	2	2
	D	2	2	2	2	2	2	2	2	2	19	2	2
	C	2	2	2	2	2	2	2	2	2	19	2	2
	B	2	2	2	2	2	2	2	2	2	19	2	2
	A	2	2	2	2	2	4	2	4	2	19	2	2


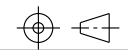

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85853-X22 SEE NOTE 10 LEAD FREE OPTION	E	4	2	2	2	2	2	2	2	2	2	2	2
	D	2	2	2	2	2	2	2	2	2	2	2	2
	C	19	19	19	2	2	19	2	2	2	2	2	2
	B	2	2	2	2	2	4	2	2	2	2	2	2
	A	4	2	2	2	2	4	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85853-X23 SEE NOTE 10 LEAD FREE OPTION	E	49	49	49	49	49	49	49	49	49	49	49	49
	D	49	49	49	49	49	49	49	49	49	49	49	49
	C	49	49	49	49	49	49	49	49	49	49	49	49
	B	49	49	49	49	49	49	49	49	49	49	49	49
	A	49	49	49	49	49	49	49	49	49	49	49	49

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85853-X24 SEE NOTE 10 LEAD FREE OPTION	E	6	6	6	6	6	6	6	6	6	20	6	6
	D	6	6	6	6	6	6	6	6	6	20	6	6
	C	6	6	6	6	6	6	6	6	6	20	6	6
	B	6	6	6	6	6	6	6	6	6	20	6	6
	A	6	6	6	6	6	8	6	8	6	20	6	6

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85853-X25 SEE NOTE 10 LEAD FREE OPTION	E	8	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	20	20	20	6	6	20	6	6	6	6	6	6
	B	6	6	6	6	6	8	6	6	6	6	6	6
	A	8	6	6	6	6	8	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
85853-X26 SEE NOTE 10 LEAD FREE OPTION	E	1	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
	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

mat'l code				--	tolerances unless otherwise specified				CUSTOMER		 www.fciconnect.com			
ltr	ecr no.	dr	date	linear	0. X ±0.3	projection		COPY		title				
CV					0. XX ±0.13					METRAL SIGNAL HEADER 2 MOD. 5 ROW PRESS-FIT				
				angles	.XXX ±.051			MM		product family		code		
					0° ±2°					METRAL		213		
				dr	T.BRUNGARD	11/19/99	scale		A		sheet			
				enr	M.STRAWSER	11/19/99					85853		4	
				chr	M.STRAWSER	11/19/99								
				appd	M.STRAWSER	02/29/00								
sheet index	revision sheet													

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Pro/E

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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
85853-X27 SEE NOTE 10 LEAD FREE OPTION	E	5	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
	B	7	7	7	7	7	7	7	7	7	7	7	7
	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
85853-X28 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	2	2	2	-	2	-	2	-	-
	D	2	2	2	2	2	2	-	-	-	-	-	-
	C	2	2	2	2	2	2	2	2	2	-	2	-
	B	2	2	2	2	2	2	-	-	-	-	-	-
	A	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
85853-X29 SEE NOTE 10 LEAD FREE OPTION	E	2	-	2	-	2	-	2	-	2	-	2	-
	D	-	-	-	-	-	-	-	-	-	-	-	-
	C	2	-	2	-	2	-	2	-	2	-	2	-
	B	-	-	-	-	-	-	-	-	-	-	-	-
	A	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	
85853-X30 SEE NOTE 10 LEAD FREE OPTION	E	2	-	2	-	2	-	3	3	19	19	3	4	
	D	-	-	-	-	-	-	3	3	19	19	3	4	
	C	2	-	2	-	2	-	3	3	19	19	3	4	
	B	-	-	-	-	-	-	-	3	3	19	19	3	4
	A	2	-	2	-	2	-	3	3	19	19	3	4	

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85853-X31 SEE NOTE 10 LEAD FREE OPTION	E	2	-	2	-	2	-	4	2	2	2	2	2
	D	-	-	-	-	-	-	4	2	2	2	2	2
	C	2	-	2	-	2	-	4	2	2	2	2	2
	B	-	-	-	-	-	-	-	4	2	2	2	2
	A	2	-	2	-	2	-	4	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
85853-X32 SEE NOTE 10 LEAD FREE OPTION	E	20	7	7	7	7	7	20	7	7	7	6	5
	D	20	7	7	7	7	7	20	7	7	7	6	5
	C	20	7	7	7	7	7	20	7	7	7	6	5
	B	20	7	7	7	7	7	20	7	7	7	6	5
	A	20	7	7	7	7	7	20	7	7	7	6	5

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85853-X33 SEE NOTE 10 LEAD FREE OPTION	E	20	7	7	7	7	7	20	7	7	7	7	7
	D	20	7	7	7	7	7	20	7	7	7	7	7
	C	20	7	7	7	7	7	20	7	7	7	7	7
	B	20	7	7	7	7	7	20	7	7	7	7	7
	A	20	7	7	7	7	7	20	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
85853-X34 SEE NOTE 10 LEAD FREE OPTION	E	2	-	2	-	2	-	2	2	2	2	2	2
	D	-	-	-	-	-	-	2	2	2	2	2	2
	C	2	-	2	-	2	-	2	2	2	2	2	2
	B	-	-	-	-	-	-	-	2	2	2	2	2
	A	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
85853-X35 SEE NOTE 10 LEAD FREE OPTION	E	19	3	3	3	3	3	19	3	3	3	2	1
	D	19	3	3	3	3	3	19	3	3	3	2	1
	C	19	3	3	3	3	3	19	3	3	3	2	1
	B	19	3	3	3	3	3	19	3	3	3	2	1
	A	19	3	3	3	3	3	19	3	3	3	2	1

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85853-X36 SEE NOTE 10 LEAD FREE OPTION	E	19	3	3	3	3	3	19	3	3	3	3	3
	D	19	3	3	3	3	3	19	3	3	3	3	3
	C	19	3	3	3	3	3	19	3	3	3	3	3
	B	19	3	3	3	3	3	19	3	3	3	3	3
	A	19	3	3	3	3	3	19	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
85853-X37 SEE NOTE 10 LEAD FREE OPTION	E	1	-	1	-	1	-	1	-	1	-	1	-
	D	-	-	-	-	-	-	-	-	-	-	-	-
	C	1	-	1	-	1	-	1	-	1	-	1	-
	B	-	-	-	-	-	-	-	-	-	-	-	-
	A	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
85853-X38 SEE NOTE 10 LEAD FREE OPTION	E	19	19	19	19	-	19	-	19	-	19	-	19
	D	19	19	19	19	-	19	-	19	-	19	-	19
	C	19	19	19	19	-	19	-	19	-	19	-	19
	B	19	19	19	19	-	19	-	19	-	19	-	19
	A	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
85853-X39 SEE NOTE 10 LEAD FREE OPTION	E	3	3	7	3	3	7	7	7	7	7	7	7
	D	3	3	7	3	3	7	7	7	7	7	7	7
	C	3	7	7	3	7	7	7	7	7	7	7	7
	B	3	3	3	3	3	7	7	7	7	7	7	7
	A	3	3	3	3	3	3	3	3	3	3	3	3

mat'l code		--	tolerances unless otherwise specified		CUSTOMER	FCI www.fciconnect.com	
ltr	ecr no.	dr	date	linear	COPY	title	
CV				0.X ±0.3	projection	METRAL SIGNAL HEADER	
				0.XX ±0.13		2 MOD, 5 ROW PRESS-FIT	
				.XXX ±.051		product family	METRAL
				0° ±2°	scale	size	dwg no
				dr T.BRUNGARD 11/19/99	1:1	85853	code 213
				enr M.STRAWSER 11/19/99			sheet 5
				chr M.STRAWSER 11/19/99			
				appd M.STRAWSER 02/29/00			
sheet index	revision sheet						

Pro/E

cage code 22526

PDM: Rev:CV

STATUS: Released

Printed: Feb 10, 2006

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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
85853-X40 SEE NOTE 10 LEAD FREE OPTION	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	1
	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
85853-X41 SEE NOTE 10 LEAD FREE OPTION	E	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
	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
85853-X42 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	2	2	2	1	1	1	1	1	1
	D	2	2	2	2	2	2	1	1	1	1	1	1
	C	1	1	1	1	1	1	2	2	2	2	1	1
	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
85853-X43 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	2	2	2	5	5	5	5	5	5
	D	2	2	2	2	2	2	5	5	5	5	5	5
	C	1	1	1	1	1	1	6	6	6	6	5	5
	B	1	1	1	1	1	1	5	5	5	5	5	5
	A	1	1	1	1	1	1	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
85853-X44 SEE NOTE 10 LEAD FREE OPTION	E	6	6	6	6	6	6	5	5	5	5	5	5
	D	6	6	6	6	6	6	5	5	5	5	5	5
	C	5	5	5	5	5	5	6	6	6	6	5	5
	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

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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
85853-X45 SEE NOTE 10 LEAD FREE OPTION	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	5	5	6	6	6	6	5	5
	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
85853-X46 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	2	1	2	2	2	2	2	2	2
	D	2	2	2	2	1	2	2	2	2	2	2	2
	C	3	3	3	3	3	3	3	3	3	3	3	3
	B	2	2	2	2	2	2	2	2	2	2	2	2
	A	2	2	2	2	2	2	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85853-X47 SEE NOTE 10 LEAD FREE OPTION	E	-	5	5	-	5	5	-	5	5	-	5	5
	D	-	5	5	-	5	5	-	5	5	-	5	5
	C	-	5	5	-	5	5	-	5	5	-	5	5
	B	-	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
85853-X48 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	2	2	2	3	2	2	2	2	2
	D	2	2	2	2	2	2	3	2	2	2	2	2
	C	2	2	2	2	2	2	3	2	2	2	2	2
	B	2	2	2	2	2	2	3	2	2	2	2	2
	A	2	2	2	2	2	2	3	2	2	2	1	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85853-X49 SEE NOTE 10 LEAD FREE OPTION	E	1	1	1	1	1	1	2	2	2	2	2	2
	D	1	1	1	1	1	1	2	2	2	2	2	2
	C	1	1	2	2	2	2	1	1	1	1	1	1
	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
85853-X50 SEE NOTE 10 LEAD FREE OPTION	E	5	5	5	5	5	5	2	2	2	2	2	2
	D	5	5	5	5	5	5	2	2	2	2	2	2
	C	5	5	6	6	6	6	1	1	1	1	1	1
	B	5	5	5	5	5	5	1	1	1	1	1	1
	A	5	5	5	5	5	5	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
85853-X51 SEE NOTE 10 LEAD FREE OPTION	E	5	5	5	5	5	5	6	6	6	6	6	6
	D	5	5	5	5	5	5	6	6	6	6	6	6
	C	5	5	6	6	6	6	5	5	5	5	5	5
	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
85853-X52 SEE NOTE 10 LEAD FREE OPTION	E	1	1	1	1	1	1	19	19	19	19	1	1
	D	1	1	1	1	1	1	1	1	1	1	1	1
	C	1	1	1	1	1	1	19	19	19	19	1	1
	B	1	1	1	1	1	1	1	1	1	1	1	1
	A	1	1	1	1	1	1	19	19	19	19	1	1

mat'l code	--	tolerances unless otherwise specified	CUSTOMER
lfr	ecn no.	dr	date
CV			
		linear	0.X ±0.3
		projection	0.XX ±0.13
		angles	.XXX ±.051
			0° ±2°
		dr	T.BRUNGARD 11/19/99
		engr	M.STRAWSER 11/19/99
		chr	M.STRAWSER 11/19/99
		appd	M.STRAWSER 02/29/00
sheet index	revision sheet		

COPY			www.fciconnect.com	
projection			title	
MM		METRAL SIGNAL HEADER 2 MOD, 5 ROW PRESS-FIT		
scale 1:1		product family		code
		METRAL		213
		size		sheet
		dwg no		6
		85853		

1 | 2

Pro/E

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coge code **22526**

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Printed: Feb 10, 2006

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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
85853-X53 SEE NOTE 10 LEAD FREE OPTION	E	-	1	1	-	-	-	-	-	-	-	1	1
	D	-	1	1	-	-	-	-	-	-	-	1	1
	C	-	-	-	-	-	-	-	-	-	-	-	-
	B	-	1	1	-	-	1	-	1	1	-	1	1
	A	-	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
85853-X54 SEE NOTE 10 LEAD FREE OPTION	E	1	1	1	1	-	1	-	1	-	-	1	-
	D	1	1	1	1	-	1	-	1	-	-	1	-
	C	1	1	1	1	-	1	-	1	-	-	1	-
	B	1	1	1	1	-	1	-	1	-	-	1	-
	A	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
85853-X55 SEE NOTE 10 LEAD FREE OPTION	E	2	19	19	19	19	19	19	19	19	19	19	19
	D	2	19	19	19	19	19	19	19	19	19	19	19
	C	2	19	19	19	19	19	19	19	19	19	19	19
	B	2	19	19	19	19	19	19	19	19	19	19	19
	A	2	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
85853-X56 SEE NOTE 10 LEAD FREE OPTION	E	19	19	19	19	-	19	-	19	-	-	19	-
	D	19	19	19	19	-	19	-	19	-	-	19	-
	C	19	19	19	19	-	19	-	19	-	-	19	-
	B	19	19	19	19	-	19	-	19	-	-	19	-
	A	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
85853-X57 SEE NOTE 10 LEAD FREE OPTION	E	-	19	-	-	19	-	19	-	19	19	19	19
	D	-	19	-	-	19	-	19	-	19	19	19	19
	C	-	19	-	-	19	-	19	-	19	19	19	19
	B	-	19	-	-	19	-	19	-	19	19	19	19
	A	-	19	-	-	19	-	19	-	19	19	19	19

1 | 2

1 | 2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85853-X58 SEE NOTE 10 LEAD FREE OPTION	E	-	1	1	-	-	-	-	-	-	-	1	1
	D	-	1	1	-	-	-	-	-	-	-	1	1
	C	-	-	-	-	-	-	-	-	-	-	-	-
	B	-	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
85853-X59 SEE NOTE 10 LEAD FREE OPTION	E	3	-	3	3	3	3	3	3	3	3	3	3
	D	3	-	3	3	3	3	3	3	3	3	3	3
	C	-	-	3	3	3	3	3	3	3	3	3	3
	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
85853-X60 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	19	-	19	-	2	-	2	-	19
	D	2	2	2	19	-	19	-	2	-	2	-	19
	C	2	2	2	19	-	19	-	2	-	2	-	19
	B	2	2	2	19	-	19	-	2	-	2	-	19
	A	2	2	2	19	-	19	-	2	-	2	-	19

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85853-X61 SEE NOTE 10 LEAD FREE OPTION	E	19	2	2	2	2	2	2	2	2	2	2	2
	D	19	2	2	2	2	2	2	2	2	2	2	2
	C	19	2	2	2	2	2	2	2	2	2	2	2
	B	19	2	2	2	2	2	2	2	2	2	2	2
	A	19	2	2	2	2	2	2	2	2	2	2	2

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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
85853-X62 SEE NOTE 10 LEAD FREE OPTION	E	6	6	6	20	-	20	-	6	-	6	-	20
	D	6	6	6	20	-	20	-	6	-	6	-	20
	C	6	6	6	20	-	20	-	6	-	6	-	20
	B	6	6	6	20	-	20	-	6	-	6	-	20
	A	6	6	6	20	-	20	-	6	-	6	-	20

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85853-X63 SEE NOTE 10 LEAD FREE OPTION	E	20	6	6	6	6	6	6	6	6	6	6	6
	D	20	6	6	6	6	6	6	6	6	6	6	6
	C	20	6	6	6	6	6	6	6	6	6	6	6
	B	20	6	6	6	6	6	6	6	6	6	6	6
	A	20	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
85853-X64 SEE NOTE 10 LEAD FREE OPTION	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
	B	2	-	-	-	2	2	-	-	-	2	-	2
	A	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
85853-X65 SEE NOTE 10 LEAD FREE OPTION	E	5	5	6	5	5	5	5	5	5	6	5	5
	D	5	5	6	5	5	5	5	5	5	6	5	5
	C	5	5	6	5	5	5	5	5	5	6	5	5
	B	5	5	6	5	5	5	5	5	5	6	5	5
	A	5	5	6	5	5	5	5	5	5	6	5	5

4

B

mat'l code			--	tolerances unless otherwise specified			CUSTOMER	FCI www.fciconnect.com
ltr	ecn no.	dr	date	linear	0.X ±0.3	COPY	projection	title
CV				angles	0.XX ±0.13			METRAL SIGNAL HEADER 2 MOD, 5 ROW PRESS-FIT
					.XXX ±.051			product family
				dr	0° ±2°		MM	METRAL
				enr	T.BRUNGARD 11/19/99		←→	code
				chr	M.STRAWSER 11/19/99		scale	213
				appd	M.STRAWSER 02/29/00	1:1	size	7
sheet	revision						dwg no	
index	sheet						85853	

Pro/E

cage code 22526

PDM: Rev:CV

STATUS: Released

Printed: Feb 10, 2006

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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	
85853-X66 SEE NOTE 10 LEAD FREE OPTION	E	5	5	6	5	5	5	5	5	5	6	5	5	6
	D	5	5	6	5	5	5	5	5	5	6	5	5	6
	C	5	5	6	5	5	5	5	5	5	6	5	5	6
	B	5	5	6	5	5	5	5	5	5	6	5	5	6
	A	5	5	6	5	5	5	5	5	5	6	5	5	6

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85853-X67 SEE NOTE 10 LEAD FREE OPTION	E	6	6	6	6	6	6	6	6	6	5	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	20	20	20
	B	6	6	6	6	6	6	6	6	6	20	6	6
	A	6	6	6	6	6	6	6	6	6	20	6	6

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85853-X68 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	2	2	2	2	2	2	2	2	2
	D	2	2	2	2	2	2	2	2	2	3	2	2
	C	2	2	2	2	2	2	2	2	3	2	2	2
	B	2	2	2	2	2	2	2	2	3	2	2	2
	A	2	2	2	2	2	2	2	2	3	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
85853-X69 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	2	4	2	2	2	2	2	2	2
	D	2	2	2	2	4	2	2	2	2	2	2	2
	C	2	2	2	2	4	4	4	4	4	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 CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85853-X70 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	2	2	4	2	2	2	2	2	2
	D	2	2	2	2	2	4	2	2	2	2	2	2
	C	2	2	2	2	2	4	2	2	2	2	2	2
	B	2	2	2	2	2	4	2	2	2	2	2	2
	A	2	2	2	2	2	4	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
85853-X71 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	2	2	2	3	2	2	2	2	2
	D	2	2	2	2	2	2	3	2	2	2	2	2
	C	2	2	2	2	2	2	3	2	2	2	2	2
	B	-	-	-	-	-	2	3	2	2	2	2	2
	A	2	2	2	2	2	2	3	2	2	2	1	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85853-X72 SEE NOTE 10 LEAD FREE OPTION	E	1	4	4	4	4	19	4	2	19	19	19	2
	D	1	4	4	4	4	19	4	2	19	19	19	2
	C	19	4	4	4	4	19	4	2	19	19	19	2
	B	3	4	4	4	4	19	4	2	19	19	19	2
	A	3	4	4	4	4	19	4	2	19	19	19	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85853-X73 SEE NOTE 10 LEAD FREE OPTION	E	5	5	6	5	5	5	5	5	6	5	5	5
	D	5	5	6	5	5	5	5	5	6	5	5	5
	C	1	1	6	1	5	5	5	5	6	5	5	5
	B	5	5	6	5	5	5	5	5	6	5	5	5
	A	5	5	6	5	5	5	5	5	6	5	5	5


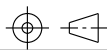

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85853-X74 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	2	2	2	2	2	3	3	2	2
	D	2	2	2	2	2	2	2	2	3	3	2	2
	C	2	2	2	2	2	2	2	2	3	3	2	2
	B	2	2	2	2	2	2	2	2	3	3	2	2
	A	2	2	2	2	2	2	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85853-X75 SEE NOTE 10 LEAD FREE OPTION	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	8	6	8	8	6	8	8	8	6	8	6
	B	6	6	6	6	8	6	6	6	6	6	6	6
	A	6	6	6	6	8	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
85853-X76 SEE NOTE 10 LEAD FREE OPTION	E	1	1	1	1	1	3	1	1	1	1	1	1
	D	1	1	1	1	1	3	1	1	1	1	1	1
	C	1	1	1	1	1	3	1	1	1	1	1	1
	B	1	1	1	1	1	3	1	1	1	1	1	1
	A	1	1	1	1	1	3	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
85853-X77 SEE NOTE 10 LEAD FREE OPTION	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	1	2	2	2	2	1	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 CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85853-X78 SEE NOTE 10 LEAD FREE OPTION	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	1	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

mat'l code	--	tolerances unless otherwise specified	CUSTOMER	 www.fciconnect.com						
ltr	ecr no.	dr	date		COPY					
CV					projection					
				linear	 title METRAL SIGNAL HEADER 2 MOD, 5 ROW PRESS-FIT					
				angles						
				dr						
				enr	product family	METRAL	code	213		
				chr	T.BRUNGARD	11/19/99	size	dwg no		
				appd	M.STRAWSER	11/19/99	 MM 1:1	85853	sheet	8
					M.STRAWSER	02/29/00			A	
sheet index	revision sheet									

Pro/E

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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
85853-X79 SEE NOTE 10 LEAD FREE OPTION	E	5	5	5	5	5	7	5	5	5	5	5	5
	D	5	5	5	5	5	7	5	5	5	5	5	5
	C	5	5	5	5	5	7	5	5	5	5	5	5
	B	5	5	5	5	5	7	5	5	5	5	5	5
	A	5	5	5	5	5	7	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
85853-X80 SEE NOTE 10 LEAD FREE OPTION	E	5	5	5	5	5	6	5	5	5	5	5	5
	D	5	5	5	5	5	6	5	5	5	5	5	5
	C	5	6	5	6	6	6	5	5	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 CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85853-X81 SEE NOTE 10 LEAD FREE OPTION	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	5	6	6	5	6	6	5	6	6	5	5
	B	5	5	5	5	5	6	5	5	5	5	5	6
	A	5	5	5	5	5	6	5	5	5	5	5	6

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85853-X82 SEE NOTE 10 LEAD FREE OPTION	E	1	1	1	1	1	1	1	1	1	1	1	-
	D	1	1	1	1	1	1	1	1	1	1	1	-
	C	1	1	1	1	1	1	1	1	1	1	1	-
	B	1	1	1	1	1	1	1	1	1	1	1	-
	A	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
85853-X83 SEE NOTE 10 LEAD FREE OPTION	E	2	-	2	-	2	-	2	-	2	-	2	-
	D	2	-	2	-	2	-	2	-	2	-	2	-
	C	2	-	2	-	2	-	2	-	2	-	2	-
	B	-	2	-	-	-	2	-	-	-	2	-	4
	A	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
85853-X84 SEE NOTE 10 LEAD FREE OPTION	E	-	-	4	4	4	4	4	4	4	4	-	-
	D	-	-	4	4	4	4	4	2	2	4	-	-
	C	-	-	4	2	2	4	4	4	4	4	-	-
	B	-	-	4	4	4	4	4	2	2	4	-	-
	A	-	-	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
85853-X85 SEE NOTE 10 LEAD FREE OPTION	E	2	-	2	-	2	-	2	-	2	-	2	-
	D	-	-	-	-	-	-	-	2	2	2	2	-
	C	2	2	-	2	2	-	2	2	2	2	2	-
	B	2	2	-	2	2	-	2	2	2	2	2	-
	A	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
85853-X86 SEE NOTE 10 LEAD FREE OPTION	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
	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
85853-X87 SEE NOTE 10 LEAD FREE OPTION	E	1	1	1	1	1	1	1	1	1	-	1	1
	D	1	1	1	1	1	1	1	1	1	-	1	1
	C	1	1	1	1	1	1	1	1	1	-	1	1
	B	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
85853-X88 SEE NOTE 10 LEAD FREE OPTION	E	1	1	1	1	1	1	1	1	1	1	1	1
	D	1	1	1	1	1	1	-	1	1	1	1	-
	C	1	1	1	1	1	-	1	-	-	-	-	1
	B	3	3	3	3	3	-	3	-	3	3	-	3
	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	11	12
85853-X89 SEE NOTE 10 LEAD FREE OPTION	E	19	19	19	19	19	-	3	19	19	19	19	3
	D	3	3	3	3	3	-	3	-	3	3	-	3
	C	1	1	1	1	1	1	-	-	-	-	-	-
	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
85853-X90 SEE NOTE 10 LEAD FREE OPTION	E	3	-	3	3	3	3	3	3	3	3	3	3
	D	3	-	3	3	3	3	3	3	3	3	3	3
	C	-	-	3	3	3	3	3	3	3	3	3	3
	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
85853-X91 SEE NOTE 10 LEAD FREE OPTION	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	1	3	3	3	3	3	3	3	3	3	3	1
	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

mat'l code		--	tolerances unless otherwise specified		CUSTOMER	FCI www.fciconnect.com	
ltr	ecr no.	dr	date		COPY	title	
CV					projection	METRAL SIGNAL HEADER	
					linear	2 MOD, 5 ROW PRESS-FIT	
					angles	product family	
					dr	METRAL	
					enr	code	
					chr	213	
					appd	sheet	
					scale	9	
					size	85853	
sheet	revision				MM	A	
index	sheet				1:1	cage code	
						22526	

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cage code 22526

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STATUS: Released

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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
85853-X92 SEE NOTE 10 LEAD FREE OPTION	E	-	5	5	-	5	5	-	5	5	-	5	5
	D	-	5	5	-	5	5	-	5	5	-	5	5
	C	-	5	5	-	5	5	-	5	5	-	5	5
	B	-	5	5	-	5	5	-	5	5	-	5	5
	A	-	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
85853-X93 SEE NOTE 10 LEAD FREE OPTION	E	8	6	6	6	6	6	6	6	6	6	6	6
	D	8	6	6	6	6	6	6	6	6	6	6	6
	C	8	6	6	6	6	6	6	6	6	6	6	6
	B	8	6	6	6	6	6	6	6	6	6	6	6
	A	8	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
85853-X94 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	2	2	2	2	2	2	2	2	4
	D	2	2	2	2	2	2	2	2	2	2	2	4
	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	4

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85853-X95 SEE NOTE 10 LEAD FREE OPTION	E	-	1	1	-	1	1	-	1	1	-	1	1
	D	-	1	1	-	1	1	-	1	1	-	1	1
	C	-	1	1	-	1	1	-	1	1	-	1	1
	B	-	1	1	-	1	1	-	1	1	-	1	1
	A	-	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
85853-X96 SEE NOTE 10 LEAD FREE OPTION	E	2	-	2	-	2	-	2	-	2	-	2	-
	D	2	-	2	-	2	-	2	-	2	-	2	-
	C	2	-	2	-	2	-	2	-	2	-	2	-
	B	-	2	-	2	-	2	-	2	-	2	-	2
	A	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
85853-X97 SEE NOTE 10 LEAD FREE OPTION	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
	B	2	2	2	2	2	2	2	2	2	2	2	2
	A	1	2	2	2	2	2	2	2	2	2	2	1

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85853-X98 SEE NOTE 10 LEAD FREE OPTION	E	19	1	2	2	1	2	2	2	2	2	2	19
	D	1	2	2	2	2	2	2	2	2	2	2	19
	C	2	2	2	2	2	2	2	2	2	2	2	19
	B	2	2	2	2	2	2	2	2	2	2	2	19
	A	2	1	2	2	2	2	2	2	2	2	2	19

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85853-X99 SEE NOTE 10 LEAD FREE OPTION	E	2	1	2	2	1	2	2	2	2	2	2	19
	D	2	2	2	2	2	2	2	2	2	2	2	19
	C	2	2	2	2	2	2	2	2	2	2	2	19
	B	2	2	2	2	2	2	2	2	2	2	2	19
	A	2	1	2	2	2	2	2	2	2	2	2	19

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85853-X100 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	2	1	1	1	1	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
	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
85853-X101 SEE NOTE 10 LEAD FREE OPTION	E	6	6	6	8	20	6	6	6	6	6	6	6
	D	6	6	6	6	6	6	6	6	6	6	6	6
	C	20	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 CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85853-X102 SEE NOTE 10 LEAD FREE OPTION	E	4	4	4	4	3	4	4	4	4	3	4	4
	D	4	4	4	4	3	4	4	4	4	3	4	4
	C	4	4	4	4	4	4	4	4	4	4	4	4
	B	4	4	2	4	2	4	4	4	2	4	2	4
	A	4	4	2	4	2	4	4	4	2	4	2	4

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85853-X103 SEE NOTE 10 LEAD FREE OPTION	E	3	3	3	4	3	4	3	4	3	3	3	3
	D	3	3	3	4	3	4	3	4	3	3	3	3
	C	3	3	3	4	2	4	2	4	3	3	3	3
	B	3	3	3	4	2	4	2	4	3	3	3	3
	A	3	3	3	4	2	4	2	4	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
85853-X104 SEE NOTE 10 LEAD FREE OPTION	E	3	3	3	3	3	2	3	3	3	3	3	3
	D	3	3	3	3	3	2	3	3	3	3	3	3
	C	3	3	3	3	3	2	3	3	3	3	3	3
	B	3	3	3	3	3	2	3	3	3	3	3	3
	A	3	3	3	3	3	2	3	3	3	3	3	3

mat'l code		--		tolerances unless otherwise specified		CUSTOMER		A FCI www.fciconnect.com	
ltr	ecr no.	dr	date	linear	0.X ±0.3	COPY		title	
CV				angles	0.XX ±0.13	projection		METRAL SIGNAL HEADER	
				dr	.XXX ±.051			2 MOD, 5 ROW PRESS-FIT	
				enr	0° ±2°	MM		product family	
				chr	T.BRUNGARD 11/19/99	scale		METRAL	
				appd	M.STRAWSER 11/19/99	1:1		code	
					M.STRAWSER 02/29/00			size	
sheet	revision							dwg no	
index	sheet							85853	
								213	
								sheet	
								10	

Pro/E

coge code 22526

PDM: Rev:CV

STATUS:Released

Printed: Feb 10, 2006

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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
85853-X105 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	3	3	3	3	3	3	3	3	3
	D	2	2	2	3	3	3	3	3	3	3	3	3
	C	2	2	2	3	3	3	3	3	3	3	3	3
	B	2	2	2	3	3	3	3	3	3	3	3	3
	A	2	2	2	3	3	3	3	3	3	3	3	3
85853-X106 SEE NOTE 10 LEAD FREE OPTION	E	3	7	7	7	7	7	8	7	8	7	7	3
	D	3	7	7	7	7	7	8	7	8	7	7	3
	C	3	7	7	7	7	7	8	7	8	7	7	3
	B	3	7	7	7	7	7	8	7	8	7	7	3
	A	3	7	7	7	7	7	8	7	8	7	7	3
85853-X107 SEE NOTE 10 LEAD FREE OPTION	E	3	8	7	7	7	7	7	7	7	7	7	7
	D	3	8	7	7	7	7	7	7	7	7	7	7
	C	3	8	7	7	7	7	7	7	7	7	7	7
	B	3	8	7	7	7	7	7	7	7	7	7	7
	A	3	8	7	7	7	7	7	7	7	7	7	7
85853-X108 SEE NOTE 10 LEAD FREE OPTION	E	7	8	7	8	7	8	7	8	7	8	5	7
	D	7	8	7	8	7	8	7	8	7	8	5	7
	C	8	8	8	8	8	8	8	8	8	8	5	7
	B	6	8	6	8	6	8	6	8	6	8	5	7
	A	6	8	6	8	6	8	6	8	6	8	5	7
85853-X109 SEE NOTE 10 LEAD FREE OPTION	E	19	1	2	2	1	2	2	2	2	2	2	19
	D	1	2	2	2	2	2	2	2	2	2	2	19
	C	2	2	2	2	2	2	2	2	2	2	2	19
	B	19	2	2	2	2	2	2	2	2	2	2	19
	A	1	1	2	2	2	2	2	2	2	2	2	19


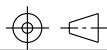
1 | 2

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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
85853-X110 SEE NOTE 10 LEAD FREE OPTION	E	-	2	-	2	-	2	-	2	-	2	-	2
	D	2	-	2	-	2	-	2	-	2	-	2	-
	C	-	2	-	2	-	2	-	2	-	2	-	2
	B	2	-	2	-	2	-	2	-	2	-	2	-
	A	-	2	-	2	-	2	-	2	-	2	-	2
85853-X111 SEE NOTE 10 LEAD FREE OPTION	E	5	5	6	5	5	5	5	5	5	5	5	5
	D	5	5	6	5	5	5	6	6	6	6	6	6
	C	6	6	6	5	5	5	6	6	6	6	6	6
	B	5	5	5	5	5	5	6	6	6	6	6	6
	A	6	6	6	6	6	6	5	5	5	5	5	5
85853-X112 SEE NOTE 10 LEAD FREE OPTION	E	1	1	1	1	1	2	1	1	1	1	1	1
	D	1	1	1	1	1	2	1	1	1	1	1	1
	C	1	1	2	1	1	1	1	1	1	1	1	1
	B	1	1	1	1	1	1	2	1	1	1	1	1
	A	1	1	1	1	1	1	2	2	1	1	1	1
85853-X113 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	2	2	2	2	2	2	2	2	2
	D	4	2	2	4	2	2	4	3	3	4	3	3
	C	2	2	4	2	2	4	3	3	4	3	3	3
	B	2	4	2	2	4	3	3	4	3	3	3	3
	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
85853-X114 SEE NOTE 10 LEAD FREE OPTION	E	3	3	3	3	3	3	3	4	3	3	3	3
	D	3	3	3	3	3	3	3	4	3	3	3	3
	C	3	3	3	3	3	3	3	4	3	3	3	3
	B	3	3	3	3	3	3	3	4	3	3	3	3
	A	3	3	3	3	3	3	3	4	3	3	3	3
85853-X115 SEE NOTE 10 LEAD FREE OPTION	E	2	2	1	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
	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
85853-X116 SEE NOTE 10 LEAD FREE OPTION	E	6	6	7	7	6	6	6	7	7	6	8	8
	D	6	6	7	7	6	6	6	7	7	6	8	8
	C	6	6	7	7	6	6	6	7	7	6	8	8
	B	6	6	7	7	6	6	6	7	7	6	8	8
	A	6	6	7	7	6	6	6	7	7	6	8	8
85853-X117 SEE NOTE 10 LEAD FREE OPTION	E	64	-	64	-	64	-	64	-	64	-	64	-
	D	-	64	-	64	-	64	-	64	-	64	-	64
	C	64	-	64	-	64	-	64	-	64	-	64	-
	B	-	64	-	64	-	64	-	64	-	64	-	64
	A	64	-	64	-	64	-	64	-	64	-	64	-

mat'l code		--	tolerances unless otherwise specified		CUSTOMER	 www.fciconnect.com
lfr	ecr no.	dr	date	linear	COPY	
CV				angles	projection	title
				dr		METRAL SIGNAL HEADER 2 MOD, 5 ROW PRESS-FIT
				enr	MM	product family
				chr	1:1	METRAL
				appd	scale	code
sheet	revision					size
index	sheet					dwg no
						85853
						213
						sheet
						11

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Pro/E

coge code 22526

PDM: Rev:CV

STATUS: Released

Printed: Feb 10, 2006

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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
85853-X118 SEE NOTE 10 LEAD FREE OPTION	E	6	-	6	-	6	-	6	-	6	-	6	-
	D	-	6	-	6	-	6	-	6	-	6	-	6
	C	6	-	6	-	6	-	6	-	6	-	6	-
	B	-	6	-	6	-	6	-	6	-	6	-	6
	A	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
85853-X119 SEE NOTE 10 LEAD FREE OPTION	E	4	2	2	2	2	2	2	2	2	2	2	2
	D	2	2	4	4	2	2	2	2	2	2	2	2
	C	19	2	19	2	2	19	2	2	2	2	2	2
	B	2	2	2	4	2	4	2	2	2	2	2	2
	A	4	2	2	2	2	4	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
85853-X120 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	2	2	2	2	2	2	19	2
	D	2	2	2	2	2	2	2	2	2	19	2
	C	2	2	2	2	2	2	2	2	2	19	2
	B	2	2	2	2	2	2	2	2	2	19	2
	A	2	2	4	4	2	4	2	4	2	4	19

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11
85853-X121 SEE NOTE 10 LEAD FREE OPTION	E	6	6	6	6	6	6	6	6	6	8	5
	D	6	6	6	6	6	6	6	6	6	6	6
	C	6	6	6	6	6	6	6	6	6	6	6
	B	6	6	6	6	6	6	6	6	6	6	6
	A	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
85853-X122 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	2	2	2	2	2	3	4	4
	D	2	2	2	2	2	2	2	2	2	4	4
	C	2	2	2	2	2	2	4	4	2	2	2
	B	2	2	2	2	2	2	2	2	2	2	4
	A	2	2	2	2	2	2	2	1	2	4	4

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11
85853-X123 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	2	2	2	2	2	2	4	1
	D	2	2	2	2	2	2	2	2	2	2	2
	C	2	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2	2	2	2	2
	A	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
85853-X124 SEE NOTE 10 LEAD FREE OPTION	E	3	3	3	3	3	3	3	3	3	3	3
	D	3	3	3	3	3	3	3	3	3	3	3
	C	3	3	3	3	3	3	3	3	3	3	3
	B	3	3	3	3	3	3	3	3	3	3	3
	A	3	3	3	3	3	3	3	3	3	1	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11
85853-X125 SEE NOTE 10 LEAD FREE OPTION	E	3	3	3	3	3	3	3	3	3	3	3
	D	3	3	3	3	3	3	3	3	3	3	3
	C	19	19	19	3	3	3	3	3	3	3	3
	B	3	3	3	3	3	3	3	3	3	3	3
	A	3	3	3	3	3	3	3	3	3	1	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11
85853-X126 SEE NOTE 10 LEAD FREE OPTION	E	2	6	6	6	6	6	2	2	2	2	2
	D	2	6	6	6	6	6	2	2	2	2	2
	C	2	6	6	6	6	6	2	2	2	2	2
	B	2	6	6	6	21	6	2	2	2	2	2
	A	2	6	6	6	6	6	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
85853-X127 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	2	2	2	2	2	2	2	2
	D	2	2	2	2	2	2	2	2	2	2	2
	C	2	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	19	2	2	2	2	2	2
	A	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
85853-X128 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	2	2	2	2	2	3	19	19
	D	2	2	2	2	2	2	2	2	2	19	19
	C	2	2	2	2	2	2	19	19	2	2	2
	B	2	2	2	2	2	2	2	2	2	19	19
	A	2	2	2	2	2	2	2	1	2	19	19

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11
85853-X129 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	2	2	2	2	2	2	3	1
	D	2	2	2	2	2	2	2	2	2	2	2
	C	2	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2	2	2	2	2
	A	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
85853-X130 SEE NOTE 10 LEAD FREE OPTION	E	6	6	6	6	6	6	6	6	6	7	5
	D	6	6	6	6	6	6	6	6	6	6	6
	C	6	6	6	6	6	6	6	6	6	6	6
	B	6	6	6	6	6	6	6	6	6	6	6
	A	6	6	6	6	6	6	6	6	6	6	6

mat'l code		--	tolerances unless otherwise specified		CUSTOMER	A FCI www.fciconnect.com	
ltr	ecn no.	dr	date	linear	COPY	title	
CV					projection	METRAL SIGNAL HEADER	
				angles		2 MOD, 5 ROW PRESS-FIT	
				dr	T.BRUNGARD	product family	METRAL
				enrg	M.STRAWSER	code	213
				chr	M.STRAWSER	size	dwg no
				appd	M.STRAWSER	MM	85853
sheet	revision				scale	A	sheet
index	sheet				1:1		12

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Pro/E

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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
85853-X131 SEE NOTE 10 LEAD FREE OPTION	E	9	-	9	-	9	-	9	-	9	-	9	-
	D	9	-	9	-	9	-	9	-	9	-	9	-
	C	-	-	-	-	-	-	-	-	-	-	-	-
	B	9	-	9	-	9	-	9	-	9	-	9	-
	A	9	-	9	-	9	-	9	-	9	-	9	-

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85853-X132 SEE NOTE 10 LEAD FREE OPTION	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
	B	5	5	5	5	5	5	6	6	6	6	6	6
	A	5	5	5	5	5	5	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
85853-X133 SEE NOTE 10 LEAD FREE OPTION	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
	B	7	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
85853-X134 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	2	2	1	1	2	2	3	3	3
	D	2	2	2	2	2	1	1	2	2	3	3	3
	C	2	2	2	2	2	1	1	2	2	3	3	3
	B	2	2	2	2	2	1	1	2	2	3	3	3
	A	2	2	2	2	2	1	1	2	2	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
85853-X135 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	2	2	1	1	1	1	1	1	1
	D	2	2	2	2	2	1	1	2	2	2	2	2
	C	2	2	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	1	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
85853-X136 SEE NOTE 10 LEAD FREE OPTION	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
	B	3	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
85853-X137 SEE NOTE 10 LEAD FREE OPTION	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
	B	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
85853-X138 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	3	2	2	2	3	2	3	2	2
	D	2	2	2	3	2	2	2	3	2	3	2	2
	C	2	2	2	2	3	2	2	2	2	3	2	2
	B	2	2	2	2	2	3	2	2	3	2	2	2
	A	2	2	2	2	2	1	2	2	2	3	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85853-X139 SEE NOTE 10 LEAD FREE OPTION	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
	B	3	3	3	3	3	3	3	3	3	3	3	3
	A	3	3	3	3	3	3	3	3	3	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
85853-X140 SEE NOTE 10 LEAD FREE OPTION	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	4	2	2	2	2	2	4	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 CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85853-X141 SEE NOTE 10 LEAD FREE OPTION	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	7	6	6	6	6	6	6	7	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 CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85853-X142 SEE NOTE 10 LEAD FREE OPTION	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	1	2	1
	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
85853-X143 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	2	2	2	2	2	2	2	2	2
	D	2	2	2	2	2	2	2	2	2	2	1	2
	C	2	2	2	2	2	2	2	2	2	2	1	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

mat'l code		--	tolerances unless otherwise specified		CUSTOMER	FCI www.fciconnect.com	
ltr	ecr no.	dr	date		COPY	title	
CV					linear	METRAL SIGNAL HEADER	
					angles	2 MOD, 5 ROW PRESS-FIT	
					dr	product family	
					enr	METRAL	
					chr	code	
					appd	size	
sheet	revision				MM		dwg no
index	sheet				1:1		85853
					scale		sheet
					A		13

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Pro/E

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cage code 22526

4

PDM: Rev:CV

STATUS:Released

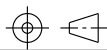

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METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85853-X144 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	2	2	1	2	2	2	2	2	2
	D	2	2	2	2	2	1	2	2	2	2	2	2
	C	2	2	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	1	2	2	2	2	2	2	2
	A	2	2	2	2	2	2	2	2	2	2	2	2
85853-X145 SEE NOTE 10 LEAD FREE OPTION	E	7	6	6	6	6	6	6	6	6	6	6	6
	D	7	6	6	6	6	6	6	6	6	6	6	6
	C	6	6	6	6	6	6	6	6	6	6	6	6
	B	7	6	6	6	6	6	6	6	6	6	6	6
	A	7	6	6	6	6	6	6	6	6	6	6	6
85853-X146 SEE NOTE 10 LEAD FREE OPTION	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	7	6	6	6	6	5	5	5	5	5	5	5
	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
85853-X147 SEE NOTE 10 LEAD FREE OPTION	E	6	6	6	6	6	6	6	5	6	6	6	6
	D	6	6	6	6	6	6	6	5	6	5	6	6
	C	6	6	6	6	6	6	6	5	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	5

mat'l code				--		tolerances unless otherwise specified		CUSTOMER		FCI www.fciconnect.com		
ltr	ecr no.	dr	date	linear	0.X ±0.3		COPY		 METRAL SIGNAL HEADER 2 MOD, 5 ROW PRESS-FIT			
CV			0.XX ±0.13		projection							
			.XXX ±.051		angles							
				0° ±2°		 MM		product family		METRAL code		
		dr	T.BRUNGARD	11/19/99	scale		1:1		size		dwg no	
		enr	M.STRAWSER	11/19/99	A		85853		213		sheet	
		chr	M.STRAWSER	11/19/99					14			
		appd	M.STRAWSER	02/29/00								
sheet index	revision sheet											

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B

PRODUCT NUMBER
85853-XYX OR 85853-XXXX
85853-XYLX OR 85853-XXXXLX

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:
85853-XYX IS SnPb
85853-XYLX IS SN (LEAD FREE)
PLATING ON CONTACT AREA CONFORMS TO PERFORMANCE LEVEL SHOWN IN TABLE BELOW.
- PRODUCT MARKING:
PART NUMBER DESIGNATION & BATCH I.D.
- ALL PRODUCTS WITH PART NUMBERS SHOWN IN SUBSEQUENT TABLES WILL BE PACKAGED IN TUBES. IF TRAY PACKAGING IS REQUIRED, A SUFFIX "P" WILL BE ADDED TO THE END OF THE PART NUMBER. EXAMPLE: XXXX-XXXP
- PRODUCT SPECIFICATION GS-12-180
APPLICATION SPECIFICATION BUS-20-073
- 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.
- FOR LEAD FREE PART NUMBERS, ADD AN "LF" SUFFIX.
EXAMPLE: 85853-X01LF

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PLATING IN CONTACT AREA		NOTES
DASH NUMBER	PERFORMANCE LEVEL	
-PYY OR -PYXX	0.25 um GOLD MIN.	-
-NIYY OR -NIYXX	TELCORDIA CO (NXT)	-
-NSYY OR NSYXX	TELCORDIA UE (NXT)	-
-IYY OR -IYXX	TELCORDIA CO	-
-2YY OR -2YXX	TELECOM CLASS	-
-3YY OR -3YXX	IEC CLASS I	-
-5YY OR -5YXX	TELCORDIA UE	-
-9YY OR -9YXX	TELCORDIA CO	-
-NIYYLF OR -NIYXXLF	TELCORDIA CO (NXT) IEC CLASS I	SEE NOTE 9
-NSYYLF OR NSYXXLF	TELCORDIA UE (NXT)	SEE NOTE 9
-IYYLF OR -IYXXLF	TELCORDIA CO IEC CLASS I	SEE NOTE 9
-2YYLF OR -2YXXLF	TELECOM CLASS	SEE NOTE 9
-5YYLF OR -5YXXLF	TELCORDIA UE	SEE NOTE 9

4

A

mat'l code				tolerances unless otherwise specified		CUSTOMER		A FCI www.fciconnect.com		
ltr	ecr no.	dr	date	linear	0.X ±0.3	COPY		title METRAL SIGNAL HEADER 2 MOD, 5 ROW PRESS-FIT		
CV				angles	0.XX ±0.13	projection	product family METRAL			
				dr	.XXX ±.051		code			213
				enr	0° ±2°	MM	size	dwg no	sheet	
				chr	T.BRUNGARD 11/19/99	scale	A	85853	15	
				appd	M.STRAWSER 11/19/99	1:1				
					M.STRAWSER 02/29/00					
sheet index	revision sheet									

B

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code code 22526

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