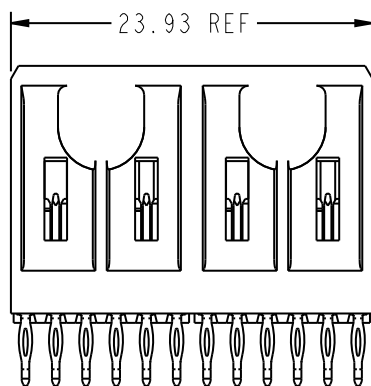
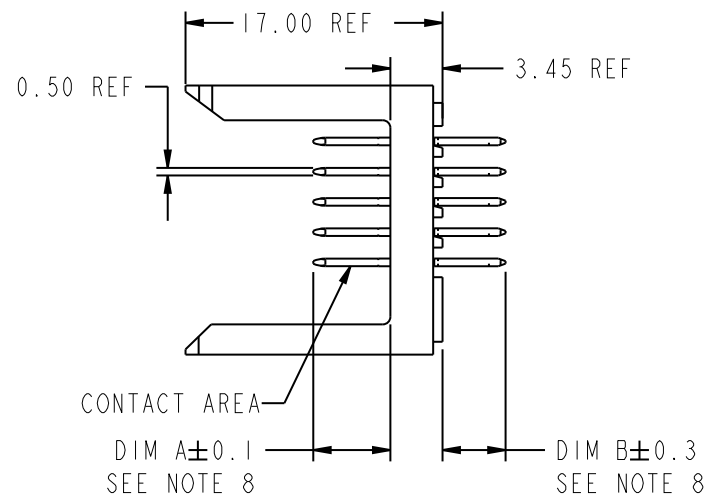
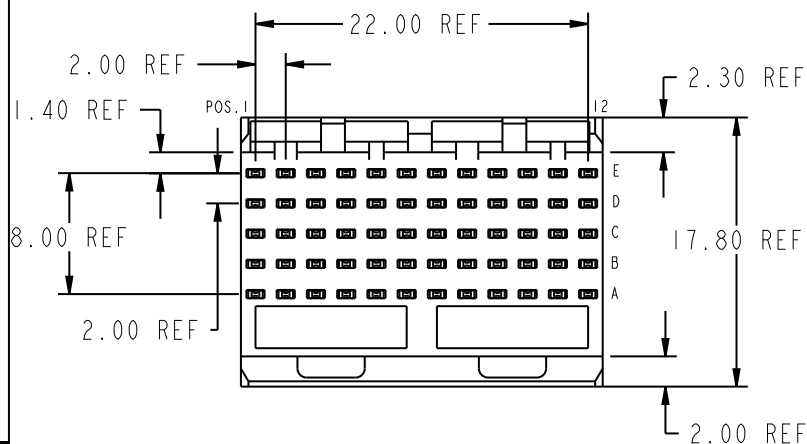
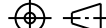




PRODUCT NUMBER
85853-XXX OR 85853-XXXX
85853-XXYLF OR 85853-XXYYLF



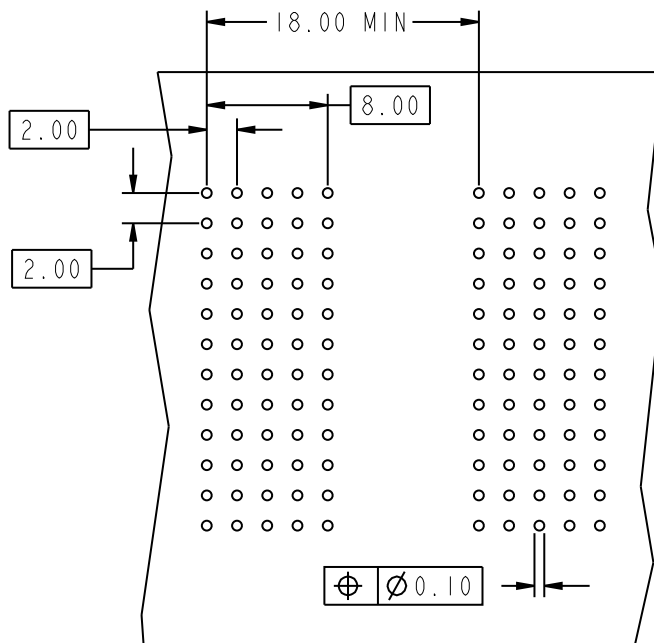
mat'l code				--				tolerances unless otherwise specified				CUSTOMER				 www.fciconnect.com																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
ltr	ecm no.	dr	date	linear	0. X ±0.3				COPY								title METRAL SIGNAL HEADER 2 MOD, 5 ROW PRESS-FIT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
CW	V06-0569	DCH	2006-06-13		0. XX ±0.13				projection																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
CX	DG09-0256	TER	2009-08-19		. XXX ±.051																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
-	-	-	-	angles	0° ±2°				MM				product family				METRAL				code																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
CS	V04-0408	TAB	04/27/04	dr	T. BRUNGARD 11/19/99								size		dwg no				213																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
CT	V04-0353	DAI	05/02/04	enrg	M. STRAWER 11/19/99								A		85853				sheet																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
CU	V04-0559	HTB	06/01/04	chr	M. STRAWER 11/19/99								scale		2:1				1 of 1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
CV	V04-1100	DAI	01/25/05	appd	M. STRAWER 02/29/00				CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX		CX	

Pro/E

PDM: Rev: CX

STATUS: Released

Printed: Jan 17, 2011



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		
lfr	ecn no.	dr	date	linear	0.X ±0.3	projection	COPY	title	METRAL SIGNAL HEADER 2 MOD, 5 ROW PRESS-FIT	
CX					0.XX ±0.13					
					.XXX ±.051					
				angles	0° ±2°	MM scale 1:1	product family	METRAL	code	
				dr	T.BRUNGARD					11/19/99
				enr	M.STRAWSE					11/19/99
				chr	M.STRAWSE	11/19/99	size	dwg no	sheet	
				appd	M.STRAWSE	02/29/00				
sheet index	revision sheet						A	85853	213 2	

cage code 22526

Pro/E

PDM: Rev: CX

STATUS: Released

Printed: Jan 17, 2011



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

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
85853-X03 SEE NOTE 10 LEAD FREE OPTION	E	19	3	19	3	19	3	19	3	19	3
	D	3	19	3	19	3	19	3	19	3	19
	C	19	3	19	3	19	3	19	3	19	3
	B	3	19	3	19	3	19	3	19	3	19
	A	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
85853-X04 SEE NOTE 10 LEAD FREE OPTION	E	10	10	10	10	10	10	10	10	10	10
	D	10	10	10	10	10	10	10	10	10	10
	C	10	10	10	10	10	10	10	10	10	10
	B	10	10	10	10	10	10	10	10	10	10
	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
85853-X05 SEE NOTE 10 LEAD FREE OPTION	E	7	6	5	5	5	5	5	5	5	5
	D	7	6	5	5	5	5	5	5	5	5
	C	7	6	5	5	5	5	5	5	5	5
	B	7	6	5	5	5	5	5	5	5	5
	A	7	6	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
85853-X06 SEE NOTE 10 LEAD FREE OPTION	E	25	25	25	25	25	25	25	25	25	25
	D	25	25	25	25	25	25	25	25	25	25
	C	25	25	25	25	25	25	25	25	25	25
	B	25	25	25	25	25	25	25	25	25	25
	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
85853-X07 SEE NOTE 10 LEAD FREE OPTION	E	33	7	7	7	7	7	7	7	7	7
	D	36	7	7	7	7	7	7	7	7	7
	C	33	7	7	7	7	7	7	7	7	7
	B	36	7	7	7	7	7	7	7	7	7
	A	33	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
85853-X08 SEE NOTE 10 LEAD FREE OPTION	E	4	1	1	1	19	1	1	1	19	1
	D	3	1	1	1	19	1	1	1	1	1
	C	3	1	1	1	19	1	1	1	19	1
	B	3	1	1	1	19	1	1	1	19	1
	A	3	1	1	1	19	1	1	1	19	1

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

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

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
85853-X12 SEE NOTE 10 LEAD FREE OPTION	E	8	8	8	6	6	6	6	6	6	6
	D	6	6	6	6	6	6	6	6	6	6
	C	20	20	20	6	6	6	6	6	6	6
	B	6	6	6	6	6	6	6	6	6	6
	A	8	8	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
85853-X13 SEE NOTE 10 LEAD FREE OPTION	E	4	4	4	2	2	2	2	2	2	2
	D	2	2	2	2	2	2	2	2	2	2
	C	19	19	19	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2	2	2	2
	A	4	4	4	2	2	2	2	2	2	2

mat'l code				tolerances unless otherwise specified				CUSTOMER		FCJ www.fcjconnect.com	
lfr	ecr no.	dr	date	linear	0.X ±0.3			projection	COPY		
CX					0.XX ±0.13				title		
					.XXX ±.051				METRAL SIGNAL HEADER 2 MOD, 5 ROW PRESS-FIT		
				angles	0° ±2°			MM scale 1:1	product family		
				dr	T.BRUNGARD 11/19/99				METRAL		
				engr	M.STRAWSER 11/19/99				code		
				chr	M.STRAWSER 11/19/99			size			
				appd	M.STRAWSER 02/29/00			dwg no			
sheet		revision						A		85853	
index		sheet								213 sheet 3	
								cage code			
								22526			



METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
85853-X14 SEE NOTE 10 LEAD FREE OPTION	E	1	4	1	1	1	1	1	1	1	1
	D	1	1	1	1	1	4	1	4	3	1
	C	1	1	1	4	1	1	1	4	3	1
	B	1	4	1	1	1	1	1	4	3	1
	A	1	1	1	1	1	4	1	4	1	4

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

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
85853-X16 SEE NOTE 10 LEAD FREE OPTION	E	1	1	1	1	1	3	3	1	3	1
	D	1	1	1	1	1	3	3	1	3	1
	C	1	1	1	1	1	1	1	1	1	1
	B	1	1	1	1	1	1	1	1	1	1
	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
85853-X17 SEE NOTE 10 LEAD FREE OPTION	E	1	4	1	1	1	1	1	1	1	1
	D	1	1	1	1	1	4	1	4	3	1
	C	1	1	1	4	1	1	1	4	3	1
	B	1	4	1	1	1	1	1	4	3	1
	A	1	1	1	1	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
85853-X18 SEE NOTE 10 LEAD FREE OPTION	E	1	1	1	4	1	1	1	4	1	1
	D	1	4	1	1	1	1	4	1	1	1
	C	1	1	1	1	4	1	1	1	4	1
	B	1	1	4	1	1	1	1	4	1	1
	A	4	4	1	1	1	4	1	1	1	4

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
85853-X19 SEE NOTE 10 LEAD FREE OPTION	E	25	25	25	25	25	25	25	25	25	25
	D	25	25	25	25	25	25	25	25	25	25
	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
85853-X20 SEE NOTE 10 LEAD FREE OPTION	E	3	2	2	2	2	2	3	2	2	2
	D	3	2	2	2	2	2	2	2	2	3
	C	3	2	2	2	4	4	4	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
85853-X21 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	2	2	2	2	2	2	19
	D	2	2	2	2	2	2	2	2	2	19
	C	2	2	2	2	2	2	2	2	2	19
	B	2	2	2	2	2	2	2	2	2	19
	A	2	2	2	2	2	4	2	4	2	19

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
85853-X22 SEE NOTE 10 LEAD FREE OPTION	E	4	2	2	2	2	2	2	2	2	2
	D	2	2	2	2	2	2	2	2	2	2
	C	19	19	19	2	19	2	2	2	2	2
	B	2	2	2	2	4	2	2	2	2	2
	A	4	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
85853-X23 SEE NOTE 10 LEAD FREE OPTION	E	49	49	49	49	49	49	49	49	49	49
	D	49	49	49	49	49	49	49	49	49	49
	C	49	49	49	49	49	49	49	49	49	49
	B	49	49	49	49	49	49	49	49	49	49
	A	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
85853-X24 SEE NOTE 10 LEAD FREE OPTION	E	6	6	6	6	6	6	6	6	6	20
	D	6	6	6	6	6	6	6	6	6	20
	C	6	6	6	6	6	6	6	6	6	20
	B	6	6	6	6	6	6	6	6	6	20
	A	6	6	6	6	6	8	6	8	6	20

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

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

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCJ	
lfr	ecr no.	dr	date	linear	0.X ±0.3	COPY		www.fcjconnect.com	
CX				angles	0.XX ±0.13	projection		title	
					.XXX ±.051			METRAL SIGNAL HEADER	
				dr	0° ±2°			2 MOD, 5 ROW PRESS-FIT	
				enr	T.BRUNGARD 11/19/99	product family		METRAL	
				chr	M.STRAWSE 11/19/99	size		dwg no	
				appd	M.STRAWSE 02/29/00	A		85853	
sheet index	revision	sheet				scale		213	
						1:1		sheet 4	
						cage code		22526	



METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
85853-X27 SEE NOTE 10 LEAD FREE OPTION	E	5	7	7	7	7	7	7	7	7	7
	D	7	7	7	7	7	7	7	7	7	7
	C	7	7	7	7	7	7	7	7	7	7
	B	7	7	7	7	7	7	7	7	7	7
	A	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
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
	B	2	2	2	2	2	2	-	-	-	-
	A	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
85853-X29 SEE NOTE 10 LEAD FREE OPTION	E	2	-	2	-	2	-	2	-	2	-
	D	-	-	-	-	-	-	-	-	-	-
	C	2	-	2	-	2	-	2	-	2	-
	B	-	-	-	-	-	-	-	-	-	-
	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
85853-X30 SEE NOTE 10 LEAD FREE OPTION	E	2	-	2	-	2	-	3	19	19	3
	D	-	-	-	-	-	-	3	19	19	3
	C	2	-	2	-	2	-	3	19	19	3
	B	-	-	-	-	-	-	3	19	19	3
	A	2	-	2	-	2	-	3	19	19	3

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

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

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

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

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

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

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
CX					0.XX ±0.13				
					.XXX ±.051				
				angles	0° ±2°	MM	scale	product family	METRAL
				dr	T.BRUNGARD 11/19/99				
				enrg	M.STRAWSER 11/19/99				
				chr	M.STRAWSER 11/19/99	A	size	dwg no	213
				appd	M.STRAWSER 02/29/00				
sheet	revision								
index	sheet								



METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
85853-X53 SEE NOTE 10 LEAD FREE OPTION	E	-	1	1	-	-	-	-	-	-	1
	D	-	1	1	-	-	-	-	-	-	1
	C	-	-	-	-	-	-	-	-	-	-
	B	-	1	1	-	-	1	-	1	1	1
	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
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
85853-X55 SEE NOTE 10 LEAD FREE OPTION	E	2	19	19	19	19	19	19	19	19	19
	D	2	19	19	19	19	19	19	19	19	19
	C	2	19	19	19	19	19	19	19	19	19
	B	2	19	19	19	19	19	19	19	19	19
	A	2	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
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
85853-X57 SEE NOTE 10 LEAD FREE OPTION	E	-	19	-	-	19	-	19	-	19	19
	D	-	19	-	-	19	-	19	-	19	19
	C	-	19	-	-	19	-	19	-	19	19
	B	-	19	-	-	19	-	19	-	19	19
	A	-	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
85853-X58 SEE NOTE 10 LEAD FREE OPTION	E	-	1	1	-	-	-	-	-	-	1
	D	-	1	1	-	-	-	-	-	-	1
	C	-	-	-	-	-	-	-	-	-	-
	B	-	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
85853-X59 SEE NOTE 10 LEAD FREE OPTION	E	3	-	3	3	3	3	3	3	3	3
	D	3	-	3	3	3	3	3	3	3	3
	C	-	-	3	3	3	3	3	3	3	3
	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
85853-X60 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	19	-	19	-	2	-	19
	D	2	2	2	19	-	19	-	2	-	19
	C	2	2	2	19	-	19	-	2	-	19
	B	2	2	2	19	-	19	-	2	-	19
	A	2	2	2	19	-	19	-	2	-	19

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
85853-X61 SEE NOTE 10 LEAD FREE OPTION	E	19	2	2	2	2	2	2	2	2	2
	D	19	2	2	2	2	2	2	2	2	2
	C	19	2	2	2	2	2	2	2	2	2
	B	19	2	2	2	2	2	2	2	2	2
	A	19	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
85853-X62 SEE NOTE 10 LEAD FREE OPTION	E	6	6	6	20	-	20	-	6	-	20
	D	6	6	6	20	-	20	-	6	-	20
	C	6	6	6	20	-	20	-	6	-	20
	B	6	6	6	20	-	20	-	6	-	20
	A	6	6	6	20	-	20	-	6	-	20

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

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI www.fciconnect.com	
lfr	ecn no.	dr	date	linear	0.X ±0.3	projection	COPY	title	METRAL SIGNAL HEADER 2 MOD, 5 ROW PRESS-FIT
CX					0.XX ±0.13				
					.XXX ±.051				
				angles	0° ±2°	MM scale 1:1	product family METRAL	code 213	sheet 7
				dr	T.BRUNGARD 11/19/99				
				enrg	M.STRAWSER 11/19/99				
				chr	M.STRAWSER 11/19/99	A	size 85853	sheet 7	
				appd	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
85853-X66 SEE NOTE 10 LEAD FREE OPTION	E	5	5	6	5	5	5	5	5	6	5
	D	5	5	6	5	5	5	5	5	6	5
	C	5	5	6	5	5	5	5	5	6	5
	B	5	5	6	5	5	5	5	5	6	5
	A	5	5	6	5	5	5	5	5	6	5

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
85853-X67 SEE NOTE 10 LEAD FREE OPTION	E	6	6	6	6	6	6	6	6	5	6
	D	6	6	6	6	6	6	6	6	6	6
	C	6	6	6	6	6	6	6	6	20	20
	B	6	6	6	6	6	6	6	6	20	6
	A	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
85853-X68 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	2	2	2	2	2	2	2
	D	2	2	2	2	2	2	2	2	3	2
	C	2	2	2	2	2	2	2	2	3	2
	B	2	2	2	2	2	2	2	2	3	2
	A	2	2	2	2	2	2	2	2	3	2

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

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

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

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
85853-X74 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	2	2	2	2	3	3	2
	D	2	2	2	2	2	2	2	3	3	2
	C	2	2	2	2	2	2	2	3	3	2
	B	2	2	2	2	2	2	2	3	3	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
85853-X75 SEE NOTE 10 LEAD FREE OPTION	E	6	6	6	6	6	6	6	6	6	6
	D	6	6	6	6	6	6	6	6	6	6
	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
85853-X76 SEE NOTE 10 LEAD FREE OPTION	E	1	1	1	1	1	3	1	1	1	1
	D	1	1	1	1	1	3	1	1	1	1
	C	1	1	1	1	1	3	1	1	1	1
	B	1	1	1	1	1	3	1	1	1	1
	A	1	1	1	1	1	3	1	1	1	1

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

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
CX					0.XX ±0.13				
					.XXX ±.051				
				angles	0° ±2°	MM scale 1:1	product family METRAL	code 213	sheet 8
				dr	T.BRUNGARD 11/19/99				
				enrg	M.STRAWSE 11/19/99				
				chr	M.STRAWSE 11/19/99	A	size 85853	A	8
				appd	M.STRAWSE 02/29/00				
sheet	revision								
index	sheet								



METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
85853-X79 SEE NOTE 10 LEAD FREE OPTION	E	5	5	5	5	5	7	5	5	5	5
	D	5	5	5	5	5	7	5	5	5	5
	C	5	5	5	5	5	7	5	5	5	5
	B	5	5	5	5	5	7	5	5	5	5
	A	5	5	5	5	5	7	5	5	5	5

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
85853-X80 SEE NOTE 10 LEAD FREE OPTION	E	5	5	5	5	5	6	5	5	5	5
	D	5	5	5	5	5	6	5	5	5	5
	C	5	6	5	6	6	6	5	5	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
85853-X81 SEE NOTE 10 LEAD FREE OPTION	E	6	6	6	6	6	6	6	6	6	6
	D	6	6	6	6	6	6	6	6	6	6
	C	6	5	6	6	5	6	5	5	6	5
	B	5	5	5	5	6	5	5	5	5	6
	A	5	5	5	5	6	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
85853-X82 SEE NOTE 10 LEAD FREE OPTION	E	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	1	1	1
	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
85853-X83 SEE NOTE 10 LEAD FREE OPTION	E	2	-	2	-	2	-	2	-	2	-
	D	2	-	2	-	2	-	2	-	2	-
	C	2	-	2	-	2	-	2	-	2	-
	B	-	2	-	-	2	-	-	2	-	4
	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
85853-X84 SEE NOTE 10 LEAD FREE OPTION	E	-	-	4	4	4	4	4	4	4	-
	D	-	-	4	4	4	4	2	2	4	-
	C	-	-	4	2	2	4	4	4	4	-
	B	-	-	4	4	4	4	2	2	4	-
	A	-	-	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
85853-X85 SEE NOTE 10 LEAD FREE OPTION	E	2	-	2	-	2	-	2	2	2	2
	D	-	-	-	-	-	-	2	2	2	2
	C	2	2	2	-	2	2	-	2	2	2
	B	2	2	2	-	2	2	-	2	2	2
	A	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
85853-X86 SEE NOTE 10 LEAD FREE OPTION	E	3	3	3	3	3	3	3	3	3	3
	D	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
	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
85853-X87 SEE NOTE 10 LEAD FREE OPTION	E	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	1	1	1
	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
85853-X88 SEE NOTE 10 LEAD FREE OPTION	E	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	1	1	1
	B	3	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
85853-X89 SEE NOTE 10 LEAD FREE OPTION	E	19	19	19	19	19	19	3	19	19	19
	D	3	3	3	3	3	3	3	3	3	3
	C	1	1	1	1	1	1	1	1	1	1
	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
85853-X90 SEE NOTE 10 LEAD FREE OPTION	E	3	-	3	3	3	3	3	3	3	3
	D	3	-	3	3	3	3	3	3	3	3
	C	-	-	3	3	3	3	3	3	3	3
	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
85853-X91 SEE NOTE 10 LEAD FREE OPTION	E	3	3	3	3	3	3	3	3	3	3
	D	3	3	3	3	3	3	3	3	3	3
	C	1	3	3	3	3	3	3	3	3	3
	B	3	3	3	3	3	3	3	3	3	3
	A	3	3	3	3	3	3	3	3	3	3

mat'l code		--		tolerances unless otherwise specified		CUSTOMER		FCJ		www.fcjconnect.com	
lfr	ecr no.	dr	date	linear	0.X ±0.3	COPY		projection		title	
CX					0.XX ±0.13					METRAL SIGNAL HEADER	
				angles	.XXX ±.051					2 MOD, 5 ROW PRESS-FIT	
					0° ±2°					product family	
				dr	T.BRUNGARD	11/19/99					METRAL
				enr	M.STRAWSE	11/19/99					code
				chr	M.STRAWSE	11/19/99					213
				appd	M.STRAWSE	02/29/00					sheet
sheet		revision								9	
index		sheet									



This document is the property of and embodies
CONFIDENTIAL and PROPRIETARY information of FCI.
No part of the information shown on this
document may be used in any way or disclosed
to others without the written consent of FCI.
Copyright FCI.

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
85853-X92 SEE NOTE 10 LEAD FREE OPTION	E	-	5	5	-	5	5	-	5	5	-
	D	-	5	5	-	5	5	-	5	5	-
	C	-	5	5	-	5	5	-	5	5	-
	B	-	5	5	-	5	5	-	5	5	-
	A	-	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
85853-X93 SEE NOTE 10 LEAD FREE OPTION	E	8	6	6	6	6	6	6	6	6	6
	D	8	6	6	6	6	6	6	6	6	6
	C	8	6	6	6	6	6	6	6	6	6
	B	8	6	6	6	6	6	6	6	6	6
	A	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
85853-X94 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	2	2	2	2	2	2	4
	D	2	2	2	2	2	2	2	2	2	4
	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	4

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
85853-X95 SEE NOTE 10 LEAD FREE OPTION	E	-	1	1	-	1	1	-	1	1	-
	D	-	1	1	-	1	1	-	1	1	-
	C	-	1	1	-	1	1	-	1	1	-
	B	-	1	1	-	1	1	-	1	1	-
	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
85853-X96 SEE NOTE 10 LEAD FREE OPTION	E	2	-	2	-	2	-	2	-	2	-
	D	2	-	2	-	2	-	2	-	2	-
	C	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
85853-X97 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	2	2	2	2	2	2	2
	D	2	2	2	2	2	2	2	2	2	2
	C	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2	2	2	2
	A	1	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
85853-X98 SEE NOTE 10 LEAD FREE OPTION	E	19	1	2	2	1	2	2	2	2	19
	D	1	2	2	2	2	2	2	2	2	19
	C	2	2	2	2	2	2	2	2	2	19
	B	2	2	2	2	2	2	2	2	2	19
	A	2	1	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
85853-X99 SEE NOTE 10 LEAD FREE OPTION	E	2	1	2	2	1	2	2	2	2	19
	D	2	2	2	2	2	2	2	2	2	19
	C	2	2	2	2	2	2	2	2	2	19
	B	2	2	2	2	2	2	2	2	2	19
	A	2	1	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
85853-X100 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	2	1	1	1	2	2	2
	D	2	2	2	2	2	2	2	2	2	2
	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
85853-X101 SEE NOTE 10 LEAD FREE OPTION	E	6	6	6	8	20	6	6	6	6	6
	D	6	6	6	6	6	6	6	6	6	6
	C	20	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
85853-X102 SEE NOTE 10 LEAD FREE OPTION	E	4	4	3	4	3	4	4	4	3	4
	D	4	4	3	4	3	4	4	4	3	4
	C	4	4	4	4	4	4	4	4	4	4
	B	4	4	2	4	2	4	4	4	2	4
	A	4	4	2	4	2	4	4	4	2	4

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

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

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



CONTACT CODE MOD. 1												MOD. 2																
METRAL P/N	ROW	1	2	3	4	5	6	7	8	9	10	11	12	METRAL P/N	ROW	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	85853-X110 SEE NOTE 10 LEAD FREE OPTION	E	-	2	-	2	-	2	-	2	-	2	-	2	-
	D	2	2	2	3	3	3	3	3	3	3	3	3		D	2	-	2	-	2	-	2	-	2	-	2	-	
	C	2	2	2	3	3	3	3	3	3	3	3	3		C	-	2	-	2	-	2	-	2	-	2	-	2	
	B	2	2	2	3	3	3	3	3	3	3	3	3		B	2	-	2	-	2	-	2	-	2	-	2	-	
	A	2	2	2	3	3	3	3	3	3	3	3	3		A	-	2	-	2	-	2	-	2	-	2	-	2	
85853-X106 SEE NOTE 10 LEAD FREE OPTION	E	3	7	7	7	7	7	8	7	8	7	7	3	85853-X111 SEE NOTE 10 LEAD FREE OPTION	E	5	5	6	5	5	5	5	5	5	5	5	5	5
	D	3	7	7	7	7	7	8	7	8	7	7	3		D	5	5	6	5	5	5	6	6	6	6	6	6	
	C	3	7	7	7	7	7	8	7	8	7	7	3		C	6	6	6	5	5	5	6	6	6	6	6	6	
	B	3	7	7	7	7	7	8	7	8	7	7	3		B	5	5	5	5	5	5	6	6	6	6	6	6	
	A	3	7	7	7	7	7	8	7	8	7	7	3		A	6	6	6	6	6	6	5	5	5	5	5	5	
85853-X107 SEE NOTE 10 LEAD FREE OPTION	E	3	8	7	7	7	7	7	7	7	7	7	7	85853-X112 SEE NOTE 10 LEAD FREE OPTION	E	1	1	1	1	1	2	1	1	1	1	1	1	
	D	3	8	7	7	7	7	7	7	7	7	7	7		D	1	1	1	1	1	2	1	1	1	1	1	1	
	C	3	8	7	7	7	7	7	7	7	7	7	7		C	1	1	2	1	1	1	1	1	1	1	1	1	
	B	3	8	7	7	7	7	7	7	7	7	7	7		B	1	1	1	1	1	1	2	1	1	1	1	1	
	A	3	8	7	7	7	7	7	7	7	7	7	7		A	1	1	1	1	1	1	2	2	1	1	1	1	
85853-X108 SEE NOTE 10 LEAD FREE OPTION	E	7	8	7	8	7	8	7	8	7	8	5	7	85853-X113 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	2	2	2	2	2	2	2	2	2	
	D	7	8	7	8	7	8	7	8	7	8	5	7		D	4	2	2	4	2	2	4	3	3	4	3	3	
	C	8	8	8	8	8	8	8	8	8	8	5	7		C	2	2	4	2	2	4	3	3	4	3	3	3	
	B	6	8	6	8	6	8	6	8	6	8	5	7		B	2	4	2	2	4	3	3	4	3	3	3	3	
	A	6	8	6	8	6	8	6	8	6	8	5	7		A	2	2	2	2	2	2	2	2	2	2	2	3	
85853-X109 SEE NOTE 10 LEAD FREE OPTION	E	19	1	2	2	1	2	2	2	2	2	2	19	85853-X114 SEE NOTE 10 LEAD FREE OPTION	E	3	3	3	3	3	3	3	3	3	3	4	3	3
	D	1	2	2	2	2	2	2	2	2	2	2	19		D	3	3	3	3	3	3	3	3	3	3	4	3	3
	C	2	2	2	2	2	2	2	2	2	2	2	19		C	3	3	3	3	3	3	3	3	3	3	4	3	3
	B	19	2	2	2	2	2	2	2	2	2	2	19		B	3	3	3	3	3	3	3	3	3	3	4	3	3
	A	1	1	2	2	2	2	2	2	2	2	2	19		A	3	3	3	3	3	3	3	3	3	3	4	3	3
85853-X115 SEE NOTE 10 LEAD FREE OPTION	E	2	2	1	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	2	2	2	2	2	2	2	2	2	2	2	2		D	6	6	7	7	6	6	6	7	7	6	8	8	
	C	2	2	2	2	2	2	2	2	2	2	2	2		C	6	6	7	7	6	6	6	7	7	6	8	8	
	B	2	2	2	2	2	2	2	2	2	2	2	2		B	6	6	7	7	6	6	6	7	7	6	8	8	
	A	2	2	2	2	2	2	2	2	2	2	2	2		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	-	85853-X118 SEE NOTE 10 LEAD FREE OPTION	E	64	-	64	-	64	-	64	-	64	-	64	-	
	D	-	64	-	64	-	64	-	64	-	64	-	64		D	-	64	-	64	-	64	-	64	-	64	-	64	
	C	64	-	64	-	64	-	64	-	64	-	64	-		C	64	-	64	-	64	-	64	-	64	-	64	-	
	B	-	64	-	64	-	64	-	64	-	64	-	64		B	-	64	-	64	-	64	-	64	-	64	-	64	
	A	64	-	64	-	64	-	64	-	64	-	64	-		A	64	-	64	-	64	-	64	-	64	-	64	-	

mat'l code				tolerances unless otherwise specified				CUSTOMER		FCI	
lfr	ecn no.	dr	date	linear	0.X ±0.3	COPY		projection		www.fciconnect.com	
CX				angles	0.XX ±0.13			title		METRAL SIGNAL HEADER	
					.XXX ±.051			2 MOD, 5 ROW PRESS-FIT			
				dr	0° ±2°			product family		METRAL	
				enrg	T.BRUNGARD 11/19/99			size		dwg no	
				chr	M.STRAWSE 11/19/99			A		85853	
				appd	M.STRAWSE 02/29/00			sheet		213	
sheet index	revision	sheet						cage code		22526	



METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
85853-X118 SEE NOTE 10 LEAD FREE OPTION	E	6	-	6	-	6	-	6	-	6	-
	D	-	6	-	6	-	6	-	6	-	6
	C	6	-	6	-	6	-	6	-	6	-
	B	-	6	-	6	-	6	-	6	-	6
	A	6	-	6	-	6	-	6	-	6	-
85853-X119 SEE NOTE 10 LEAD FREE OPTION	E	4	2	2	2	2	2	2	2	2	2
	D	2	2	4	4	2	2	2	2	2	2
	C	19	2	19	2	2	19	2	2	2	2
	B	2	2	2	4	2	4	2	2	2	2
	A	4	2	2	2	2	4	2	2	2	2
85853-X120 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	2	2	2	2	2	19	2
	D	2	2	2	2	2	2	2	2	19	2
	C	2	2	2	2	2	2	2	2	19	2
	B	2	2	2	2	2	2	2	2	19	2
	A	2	2	4	4	2	4	2	4	2	19
85853-X121 SEE NOTE 10 LEAD FREE OPTION	E	6	6	6	6	6	6	6	6	6	8
	D	6	6	6	6	6	6	6	6	6	6
	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
85853-X122 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	2	2	2	2	2	2	4
	D	2	2	2	2	2	2	2	2	2	4
	C	2	2	2	2	2	2	2	4	4	2
	B	2	2	2	2	2	2	2	2	2	4
	A	2	2	2	2	2	2	2	1	2	4

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
85853-X123 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	2	2	2	2	2	2	4
	D	2	2	2	2	2	2	2	2	2	2
	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
85853-X124 SEE NOTE 10 LEAD FREE OPTION	E	3	3	3	3	3	3	3	3	3	3
	D	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
	A	3	3	3	3	3	3	3	3	3	1
85853-X125 SEE NOTE 10 LEAD FREE OPTION	E	3	3	3	3	3	3	3	3	3	3
	D	3	3	3	3	3	3	3	3	3	3
	C	19	19	19	19	3	3	3	3	3	3
	B	3	3	3	3	3	3	3	3	3	3
	A	3	3	3	3	3	3	3	3	3	1
85853-X126 SEE NOTE 10 LEAD FREE OPTION	E	2	6	6	6	6	6	2	2	2	2
	D	2	6	6	6	6	6	2	2	2	2
	C	2	6	6	6	6	6	2	2	2	2
	B	2	6	6	6	2	1	6	2	2	2
	A	2	6	6	6	6	6	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
85853-X127 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	2	2	2	2	2	2	2
	D	2	2	2	2	2	2	2	2	2	2
	C	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	19	2	2	2	2	2
	A	2	2	2	2	2	2	2	2	2	2
85853-X128 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	2	2	2	2	2	3	19
	D	2	2	2	2	2	2	2	2	2	19
	C	2	2	2	2	2	2	19	19	2	2
	B	2	2	2	2	2	2	2	2	2	19
	A	2	2	2	2	2	2	2	2	1	19
85853-X129 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	2	2	2	2	2	2	3
	D	2	2	2	2	2	2	2	2	2	2
	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
85853-X130 SEE NOTE 10 LEAD FREE OPTION	E	6	6	6	6	6	6	6	6	6	7
	D	6	6	6	6	6	6	6	6	6	6
	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

mat'l code		--		tolerances unless otherwise specified		CUSTOMER		FCJ		www.fcjconnect.com			
lfr	ecr no.	dr	date	linear	0.X ±0.3	projection	COPY	title	METRAL SIGNAL HEADER				
CX					0.XX ±0.13				2 MOD, 5 ROW PRESS-FIT				
					.XXX ±.051								
				angles	0° ±2°	MM	scale	product family	METRAL		code		
				dr	T.BRUNGARD				11/19/99	size		dwg no	213
				enrg	M.STRAWSE				11/19/99				
				chr	M.STRAWSE	11/19/99							
				appd	M.STRAWSE	02/29/00					sheet		
											12		
sheet	revision												
index	sheet												

This document is the property of and embodies
CONFIDENTIAL and PROPRIETARY information of FCJ.
No part of the information shown on this
document may be used in any way or disclosed
to others without the written consent of FCJ.
Copyright FCJ.



METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
85853-X131 SEE NOTE 10 LEAD FREE OPTION	E	9	-	9	-	9	-	9	-	9	-
	D	9	-	9	-	9	-	9	-	9	-
	C	-	-	-	-	-	-	-	-	-	-
	B	9	-	9	-	9	-	9	-	9	-
	A	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
85853-X132 SEE NOTE 10 LEAD FREE OPTION	E	6	6	6	6	6	6	6	6	6	6
	D	6	6	6	6	6	6	6	6	6	6
	C	6	6	6	6	6	6	6	6	6	6
	B	5	5	5	5	5	5	6	6	6	6
	A	5	5	5	5	5	5	6	6	6	6
METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
85853-X133 SEE NOTE 10 LEAD FREE OPTION	E	6	6	6	6	6	6	6	6	6	6
	D	6	6	6	6	6	6	6	6	6	6
	C	6	6	6	6	6	6	6	6	6	6
	B	7	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
85853-X134 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	2	2	2	1	1	2	3
	D	2	2	2	2	2	2	1	1	2	3
	C	2	2	2	2	2	2	1	1	2	3
	B	2	2	2	2	2	2	1	1	2	3
	A	2	2	2	2	2	2	1	1	2	3
METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
85853-X135 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	2	2	2	1	1	1	1
	D	2	2	2	2	2	2	1	2	2	2
	C	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	1	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
85853-X136 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	2	2	2	2	2	2	2
	D	2	2	2	2	2	2	2	2	2	2
	C	2	2	2	2	2	2	2	2	2	2
	B	3	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
85853-X137 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	2	2	2	2	2	2	2
	D	2	2	2	2	2	2	2	2	2	2
	C	2	2	2	2	2	2	2	2	2	2
	B	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
85853-X138 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	3	2	2	2	3	2	2
	D	2	2	2	3	2	2	2	3	2	2
	C	2	2	2	2	3	2	2	2	3	2
	B	2	2	2	2	2	3	2	2	3	2
	A	2	2	2	2	2	1	2	2	3	2
METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
85853-X139 SEE NOTE 10 LEAD FREE OPTION	E	3	3	3	3	3	3	3	3	3	3
	D	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
	A	3	3	3	3	3	3	3	3	19	19

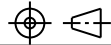
METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
85853-X140 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	2	2	2	2	2	2	2
	D	2	2	2	2	2	2	2	2	2	2
	C	4	2	2	2	2	2	4	2	2	2
	B	2	2	2	2	2	2	2	2	2	2
	A	2	2	2	2	2	2	2	2	2	2
METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
85853-X141 SEE NOTE 10 LEAD FREE OPTION	E	64	64	64	64	64	64	64	64	64	64
	D	64	64	64	64	64	64	64	64	64	64
	C	67	64	64	64	64	64	67	64	64	64
	B	64	64	64	64	64	64	64	64	64	64
	A	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
85853-X142 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	2	2	2	2	2	2	2
	D	2	2	2	2	2	2	2	2	2	2
	C	2	2	2	2	2	2	2	2	1	1
	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
85853-X143 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	2	2	2	2	2	2	2
	D	2	2	2	2	2	2	2	2	2	1
	C	2	2	2	2	2	2	2	2	2	1
	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		FCJ		www.fcjconnect.com						
lfr	ecn no.	dr	date	linear	0.X ±0.3		projection	COPY	title	METRAL SIGNAL HEADER						
CX					0.XX ±0.13					2 MOD, 5 ROW PRESS-FIT						
					.XXX ±.051											
				angles	0° ±2°		MM	scale	product family	METRAL						
				dr	T.BRUNGARD 11/19/99					size	dwg no	code	213			
				enrg	M.STRAWSE 11/19/99											
				chr	M.STRAWSE 11/19/99											
				appd	M.STRAWSE 02/29/00		1:1	A	85853	sheet	13					
sheet	revision															
index	sheet															

This document is the property of and embodies
CONFIDENTIAL and PROPRIETARY information of FCI.
No part of the information shown on this
document may be used in any way or disclosed
to others without the written consent of FCI.
Copyright FCI.



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
METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
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
METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
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
METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
85853-X147 SEE NOTE 10 LEAD FREE OPTION	E	6	6	6	6	6	6	6	6	5	6	6	6
	D	6	6	6	6	6	6	6	6	5	6	5	6
	C	6	6	6	6	6	6	6	6	5	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		 www.fciconnect.com					
ltr	ecn no.	dr	date	linear	0.X ±0.3		projection			title METRAL SIGNAL HEADER 2 MOD, 5 ROW PRESS-FIT			
CX					0.XX ±0.13								
					.XXX ±.051								
				angles	0° ±2°			scale 1:1		product family METRAL		code 213	
				dr	T.BRUNGARD	11/19/99							
				enr	M.STRAWSER	11/19/99							
				chr	M.STRAWSER	11/19/99	A	size	dwg no	85853	sheet	14	
				appd	M.STRAWSER	02/29/00							
sheet	index	revision	sheet										



PRODUCT NUMBER
85853-XXX OR 85853-YYYY
85853-XYLFF OR 85853-YYYYLFF

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-XXX IS SnPb
85853-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
 - 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-X0ILF

PLATING IN CONTACT AREA		NOTES
DASH NUMBER	PERFORMANCE LEVEL	-
-PYY OR -PYYY	0.25 um GOLD MIN.	-
-NIYY OR -NIYYY	TELCORDIA CO (NXT)	-
-N5YY OR N5YYY	TELCORDIA UE (NXT)	-
-IYY OR -IYYY	TELCORDIA CO	-
-2YY OR -2YYY	TELECOM CLASS	-
-3YY OR -3YYY	IEC CLASS I	-
-5YY OR -5YYY	TELCORDIA UE	-
-NIYYLFF OR -NIYYYLFF	TELCORDIA CO (NXT) IEC CLASS I	SEE NOTE 9
-N5YYLFF OR N5YYYLFF	TELCORDIA UE (NXT)	SEE NOTE 9
-IYYLFF OR -IYYYLFF	TELCORDIA CO IEC CLASS I	SEE NOTE 9
-2YYLFF OR -2YYYLFF	TELECOM CLASS	SEE NOTE 9
-5YYLFF OR -5YYYLFF	TELCORDIA UE	SEE NOTE 9

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



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

Телефон: 8 (812) 309 58 32 (многоканальный)

Факс: 8 (812) 320-02-42

Электронная почта: org@eplast1.ru

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.