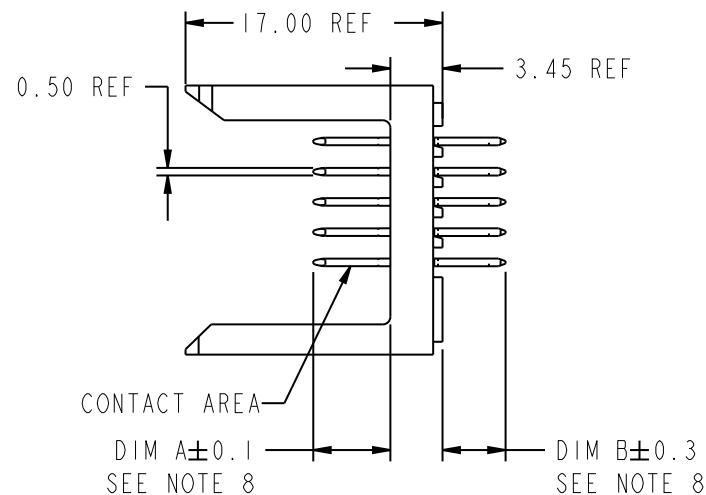
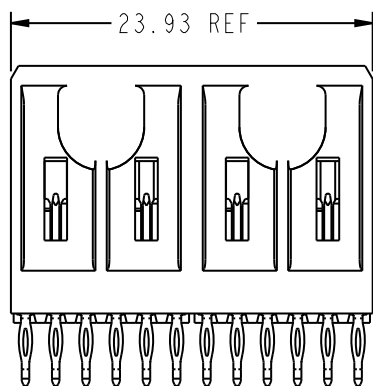
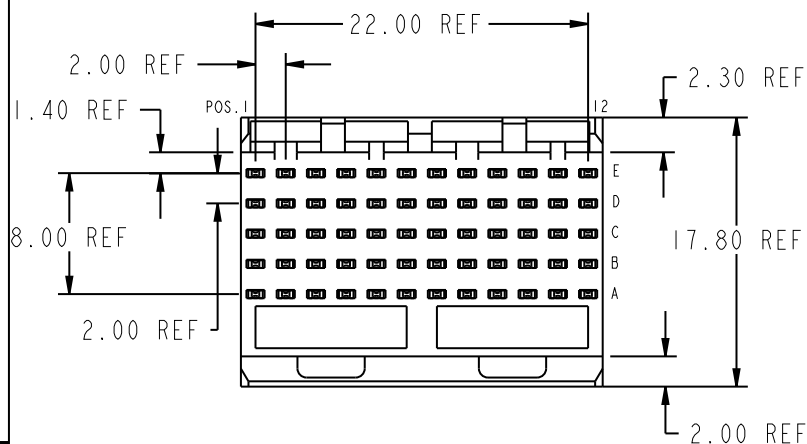
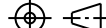
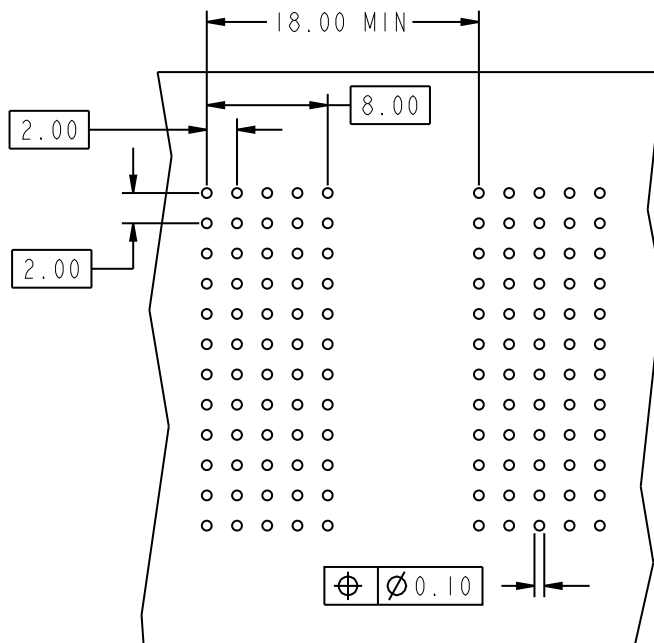




PRODUCT NUMBER
85853-XXX OR 85853-XXXX
85853-XXYLF OR 85853-XXYYLF



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



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				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°		 MM			product family		METRAL		code		
					dr	T.BRUNGARD				11/19/99	size	dwg no	85853		213 sheet 2	
					enrg	M.STRAWSE				11/19/99						
				chr	M.STRAWSE	11/19/99										
				appd	M.STRAWSE	02/29/00	scale		1:1							
sheet index		revision sheet														

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	3
	C	19	3	19	3	19	3	19	3	19	3
	B	3	19	3	19	3	19	3	19	3	3
	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	
lfr	ecr no.	dr	date	linear	0.X ±0.3			COPY		www.fcjconnect.com	
CX				linear	0.XX ±0.13			projection		title	
				angles	.XXX ±.051					METRAL SIGNAL HEADER	
				dr	T.BRUNGARD	11/19/99				2 MOD, 5 ROW PRESS-FIT	
				enrg	M.STRAWER	11/19/99		product family		METRAL	code
				chr	M.STRAWER	11/19/99		size		dwg no	213
				appd	M.STRAWER	02/29/00		A		85853	sheet
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-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		FCI		www.fciconnect.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°						
				dr	T.BRUNGARD	11/19/99					product family
				enrg	M.STRAWSE	11/19/99					METRAL
				chr	M.STRAWSE	11/19/99					code
				appd	M.STRAWSE	02/29/00					213
sheet		revision								sheet	
index		sheet								4	



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	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	product family	METRAL
				dr	T.BRUNGARD 11/19/99				
				enrg	M.STRAWSE 11/19/99				
				chr	M.STRAWSE 11/19/99	A	size	dwg no	213
				appd	M.STRAWSE 02/29/00				
sheet	revision								
index	sheet								



1 2												3 4											
85853-X40 SEE NOTE 10 LEAD FREE OPTION	METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2															
	E	4	4	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	4	4								
	C	4	4	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	4	4								
	A	4	4	4	4	4	4	4	4	4	4	4	4	4	4								
85853-X45 SEE NOTE 10 LEAD FREE OPTION	METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2															
	E	6	6	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	6	6								
	C	6	6	6	6	5	5	6	6	6	6	5	5	5	5								
	B	5	5	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	5	5								
85853-X49 SEE NOTE 10 LEAD FREE OPTION	METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2															
	E	1	1	1	1	1	1	2	2	2	2	2	2	2	2								
	D	1	1	1	1	1	1	2	2	2	2	2	2	2	2								
	C	1	1	2	2	2	2	1	1	1	1	1	1	1	1								
	B	1	1	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	1	1								
85853-X41 SEE NOTE 10 LEAD FREE OPTION	METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2															
	E	3	-	3	3	-	3	3	-	3	3	-	3	3	-								
	D	3	3	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	3	3								
	B	3	3	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	3	3								
85853-X42 SEE NOTE 10 LEAD FREE OPTION	METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2															
	E	2	2	2	2	2	2	1	1	1	1	1	1	1	1								
	D	2	2	2	2	2	2	1	1	1	1	1	1	1	1								
	C	1	1	1	1	1	1	2	2	2	2	1	1	1	1								
	B	1	1	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	1	1								
85853-X43 SEE NOTE 10 LEAD FREE OPTION	METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2															
	E	2	2	2	2	2	2	5	5	5	5	5	5	5	5								
	D	2	2	2	2	2	2	5	5	5	5	5	5	5	5								
	C	1	1	1	1	1	1	6	6	6	6	5	5	5	5								
	B	1	1	1	1	1	1	5	5	5	5	5	5	5	5								
	A	1	1	1	1	1	1	5	5	5	5	5	5	5	5								
85853-X44 SEE NOTE 10 LEAD FREE OPTION	METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2															
	E	6	6	6	6	6	6	5	5	5	5	5	5	5	5								
	D	6	6	6	6	6	6	5	5	5	5	5	5	5	5								
	C	5	5	5	5	5	5	6	6	6	6	5	5	5	5								
	B	5	5	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	5	5								
85853-X46 SEE NOTE 10 LEAD FREE OPTION	METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2															
	E	2	2	2	2	1	2	2	2	2	2	2	2	2	2								
	D	2	2	2	2	1	2	2	2	2	2	2	2	2	2								
	C	3	3	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	2	2								
	A	2	2	2	2	2	2	2	2	2	2	2	2	2	2								
85853-X47 SEE NOTE 10 LEAD FREE OPTION	METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2															
	E	-	5	5	-	5	5	-	5	5	-	5	5	-	5								
	D	-	5	5	-	5	5	-	5	5	-	5	5	-	5								
	C	-	5	5	-	5	5	-	5	5	-	5	5	-	5								
	B	-	5	5	-	5	5	-	5	5	-	5	5	-	5								
	A	5	5	5	5	5	5	5	5	5	5	5	5	5	5								
85853-X48 SEE NOTE 10 LEAD FREE OPTION	METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2															
	E	2	2	2	2	2	2	3	2	2	2	2	2	2	2								
	D	2	2	2	2	2	2	3	2	2	2	2	2	2	2								
	C	2	2	2	2	2	2	3	2	2	2	2	2	2	2								
	B	2	2	2	2	2	2	3	2	2	2	2	2	2	2								
	A	2	2	2	2	2	2	3	2	2	2	2	1	3	3								
85853-X51 SEE NOTE 10 LEAD FREE OPTION	METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2															
	E	5	5	5	5	5	5	6	6	6	6	6	6	6	6								
	D	5	5	5	5	5	5	6	6	6	6	6	6	6	6								
	C	5	5	6	6	6	6	5	5	5	5	5	5	5	5								
	B	5	5	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	5	5								
85853-X52 SEE NOTE 10 LEAD FREE OPTION	METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2															
	E	1	1	1	1	1	1	19	19	19	19	19	19	19	19								
	D	1	1	1	1	1	1	1	1	1	1	1	1	1	1								
	C	1	1	1	1	1	1	19	19	19	19	19	19	19	19								
	B	1	1	1	1	1	1	1	1	1	1	1	1	1	1								
	A	1	1	1	1	1	1	19	19	19	19	19	19	19	19								
85853-X50 SEE NOTE 10 LEAD FREE OPTION	METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2															
	E	5	5	5	5	5	5	2	2	2	2	2	2	2	2								
	D	5	5	5	5	5	5	2	2	2	2	2	2	2	2								
	C	5	5	6	6	6	6	1	1	1	1	1	1	1	1								
	B	5	5	5	5	5	5	1	1	1	1	1	1	1	1								
	A	5	5	5	5	5	5	1	1	1	1	1	1	1	1								
85853-X40 SEE NOTE 10 LEAD FREE OPTION	METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2															
	E	4	4	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	4	4								
	C	4	4	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	4	4								
	A	4	4	4	4	4	4	4	4	4	4	4	4	4	4								
85853-X45 SEE NOTE 10 LEAD FREE OPTION	METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2															
	E	6	6	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	6	6								
	C	6	6	6	6	5	5	6	6	6	6	5	5	5	5								
	B	5	5	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	5	5								
85853-X41 SEE NOTE 10 LEAD FREE OPTION	METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2															
	E	3	-	3	3	-	3	3	-	3	3	-	3	3	-								
	D	3	3	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	3	3								
	B	3	3	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	3	3								
85853-X42 SEE NOTE 10 LEAD FREE OPTION	METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2															
	E	2	2	2	2	2	2	1	1	1	1	1	1	1	1								
	D	2	2	2	2	2	2	1	1	1	1	1	1	1	1								
	C	1	1	1	1	1	1	2	2	2	2	1	1	1	1								
	B	1	1	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	1	1								
85853-X43 SEE NOTE 10 LEAD FREE OPTION	METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2															
	E	2	2	2	2	2	2	5	5	5	5	5	5	5	5								
	D	2	2	2	2	2	2	5	5	5	5	5	5	5	5								
	C	1	1	1	1	1	1	6	6	6	6	5	5	5	5								
	B	1	1	1	1	1	1	5	5	5	5	5	5	5	5								
	A	1	1	1	1	1	1	5	5	5	5	5	5	5	5								
85853-X44 SEE NOTE 10 LEAD FREE OPTION	METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2															
	E	6	6	6	6	6	6	5	5	5	5	5	5	5	5								
	D	6	6	6	6	6	6	5	5	5	5	5	5	5	5								
	C	5	5	5	5	5	5	6	6	6	6	5	5	5	5								
	B	5	5	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	5	5								
85853-X46 SEE NOTE 10 LEAD FREE OPTION	METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2															
	E	2	2	2	2	1	2	2	2	2	2	2	2	2	2								
	D	2	2	2	2	1	2	2	2	2	2	2	2	2	2								
	C	3	3	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	2	2								
	A	2	2	2	2	2	2	2	2	2	2	2	2	2	2								
85853-X47 SEE NOTE 10 LEAD FREE OPTION	METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2															
	E	-	5	5	-	5	5	-	5	5	-	5	5	-	5								
	D	-	5</																				



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	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°			product family	METRAL
				dr	T.BRUNGARD 11/19/99				
				enrg	M.STRAWSE 11/19/99				
				chr	M.STRAWSE 11/19/99	scale	A	size	dwg no
				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-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	3	3	2
	B	2	2	2	2	2	2	2	3	3	2
	A	2	2	2	2	2	2	2	3	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	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					
				enrg	M.STRAWSE	11/19/99					
				chr	M.STRAWSE	11/19/99					
				appd	M.STRAWSE	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-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	6	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	-
	D	1	1	1	1	1	1	1	1	1	-
	C	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	-

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	-
	D	1	1	1	1	1	1	1	1	1	-
	C	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

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
	C	1	1	1	1	1	1	-	-	-	1
	B	3	3	3	3	3	3	-	3	3	-
	A	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
	D	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
	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	1
	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		FCI		www.fciconnect.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
				enrg	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									



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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	2	4	4
	A	4	4	2	4	2	4	4	2	4	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		www.fciconnect.com	
CX					0.XX ±0.13			projection		title	
					.XXX ±.051					METRAL SIGNAL HEADER	
				angles	0° ±2°					2 MOD, 5 ROW PRESS-FIT	
				dr	T.BRUNGARD	11/19/99		MM		product family	
				enrg	M.STRAWSE	11/19/99		A		METRAL	
				chr	M.STRAWSE	11/19/99		scale		code	
				appd	M.STRAWSE	02/29/00		1:1		213	
sheet	revision									sheet	
index	sheet									11	
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	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	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	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		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												



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	1	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

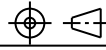
METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
85853-X140 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	2	2	2	2	2	2	2
	D	2	2	2	2	2	2	2	2	2	2
	C	4	2	2	2	2	2	4	2	2	2
	B	2	2	2	2	2	2	2	2	2	2
	A	2	2	2	2	2	2	2	2	2	2
METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
85853-X141 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	COPY	projection	title METRAL SIGNAL HEADER			
CX					0.XX ±0.13			2 MOD, 5 ROW PRESS-FIT			
				angles	.XXX ±.051			product family METRAL			
				dr	T.BRUNGARD 11/19/99			code 213			
				enrg	M.STRAWSER 11/19/99			sheet 13			
				chr	M.STRAWSER 11/19/99			size A			
				appd	M.STRAWSER 02/29/00			dwg no 85853			
sheet index	revision sheet							cage code 22526			

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METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
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								
			0° ±2°								
				angles							
				dr	T.BRUNGARD	11/19/99		product family		METRAL	code
				enr	M.STRAWSE	11/19/99		size	dwg no		213
				chr	M.STRAWSE	11/19/99		A	85853	sheet	14
				appd	M.STRAWSE	02/29/00					
sheet	index	revision	sheet								



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

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	-
-NIYYLF OR -NIYYYLF	TELCORDIA CO (NXT) IEC CLASS I	SEE NOTE 9
-N5YYLF OR N5YYYLF	TELCORDIA UE (NXT)	SEE NOTE 9
-IYYLF OR -IYYYLF	TELCORDIA CO IEC CLASS I	SEE NOTE 9
-2YYLF OR -2YYYLF	TELECOM CLASS	SEE NOTE 9
-5YYLF OR -5YYYLF	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		MM				
				angles	0° ±2°		MM		product family METRAL code		
				dr	T.BRUNGARD	11/19/99	scale		size		213
				enrg	M.STRAWSE	11/19/99	A		dwg no		sheet
				chr	M.STRAWSE	11/19/99	1:1		85853		15
				appd	M.STRAWSE	02/29/00					
sheet	revision										
index	sheet										

cage code 22526

Pro/E

PDM: Rev: CX

STATUS: Released

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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

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