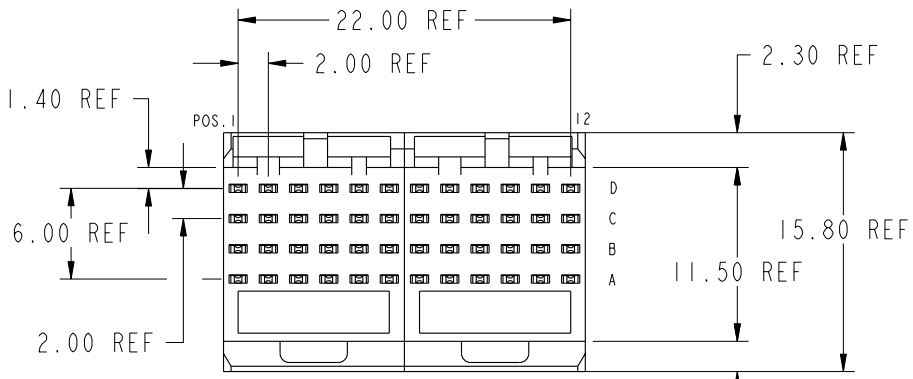
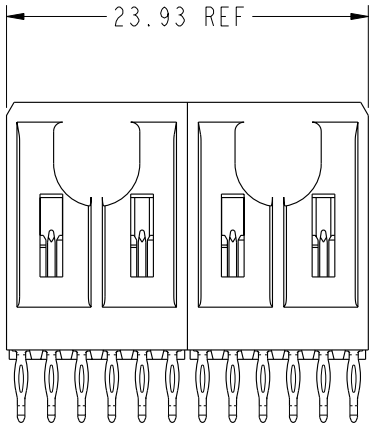
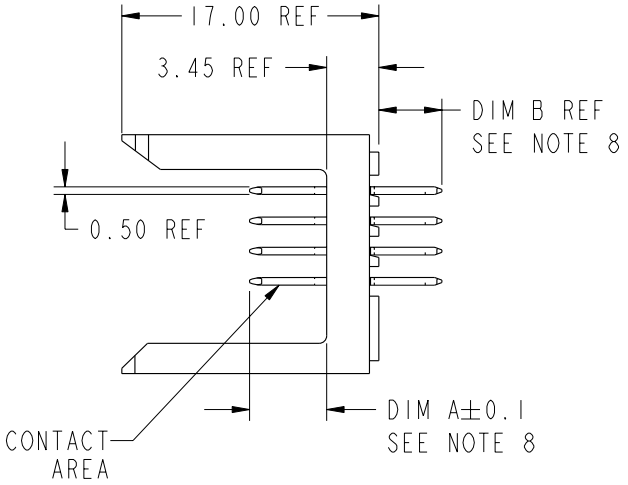
PRODUCT NUMBER
SEE TABLE







mat'l code	SEE NOTES			tolerances unless otherwise specified		
ltr	ecn no.	dr	date			
R	V06-0569	DCH	2006-06-12	linear	0.X ±0.3	
-	-	-	-		0.XX ±0.13	
K	V03-0868	HTB	08/05/03	angles	.XXX ±.051	
L	V03-1193	HTB	11/04/03	dr	0° ±2°	
M	V03-1320	TAB	12/16/03	engr	T.BRUNGARD	11/19/99
N	V04-0786	DAI	08/24/04	chr	M.STRAWSER	11/19/99
P	V05-0365	VS	05/06/05	appd	M.STRAWSER	11/19/99
					M.STRAWSER	02/29/00

sheet	revision						
index	sheet	1	2	3	4	5	6
		R	R	R	R	R	R

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projection

MM

scale 2:1

www.fciconnect.com

title: METRAL SIGNAL HEADER 2 MOD, 4 ROW PRESS-FIT

product family: METRAL

code: 213

size: A

dwg no: 85714

sheet: 1 of 6

cage code: 22526

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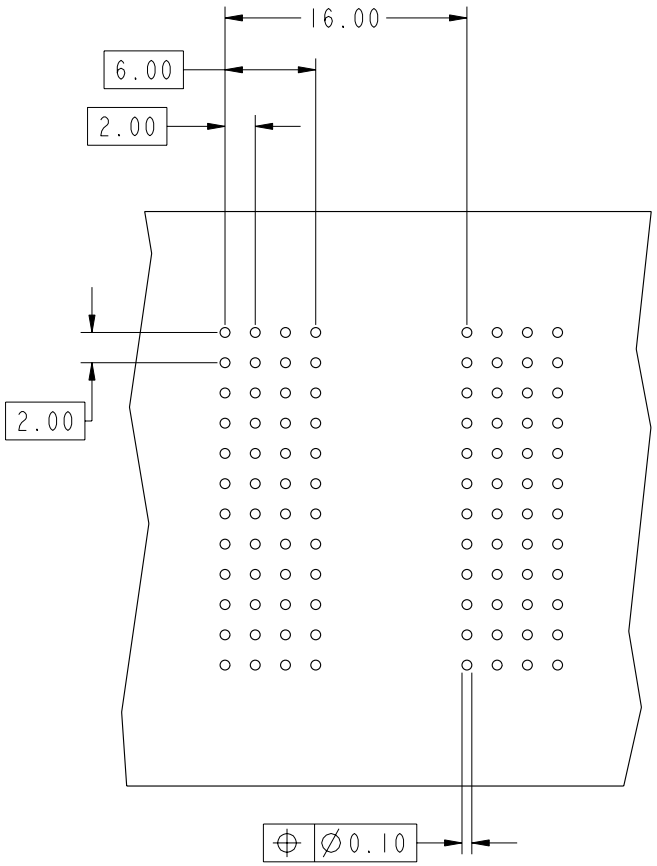
REV E - 2006-04-18

Pro/E

PDM: Rev:R STATUS: Released Printed: May 16, 2009



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

KEY (SIGNAL PRESS-FIT)		
CODE	DIMENSIONS	
	DIM "A" MATE	DIM "B" TAIL
1	5.00	4.30
2	5.75	4.30
3	6.50	4.30
4	7.25	4.30
5	5.00	13.60
6	5.75	13.60
7	6.50	13.60
8	7.25	13.60
9	5.00	17.00
10	5.75	17.00
11	6.50	17.00
12	7.25	17.00
13	8.25	4.30
14	8.25	13.60
15	8.25	17.00
19	8.00	4.30
20	8.00	13.60
21	8.00	17.00
22	5.00	12.10
25	5.75	15.60
31	5.75	12.90
40	5.00	15.60
41	6.50	15.60
42	7.25	15.60
43	8.00	15.60
45	6.50	12.10
48	5.00	15.10
59	5.00	11.80
60	5.75	11.80
61	6.50	11.80
62	7.25	11.80
63	8.00	11.80
64	5.75	14.90

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mat'l code	--			tolerances unless otherwise specified			CUSTOMER	FCI www.fciconnect.com
ltr	ecn no.	dr	date	linear	0.X ±0.3		COPY	
R					0.XX ±0.13		projection	title: METRAL SIGNAL HEADER 2 MOD, 4 ROW PRESS-FIT
					.XXX ±.051			
				angles	0° ±2°			
				dr	T.BRUNGARD	11/19/99	MM	product family: METRAL; code: 213
				engr	M.STRAWSER	11/19/99		
				chr	M.STRAWSER	11/19/99	scale: 1:1	size: A; dwg no: 85714; sheet: 2
				appd	M.STRAWSER	02/29/00		
sheet index	revision sheet							

cage code 22526

Pro/E

REV E - 2006-04-18

PDM: Rev:R STATUS: Released Printed: May 16, 2009

PRODUCT NUMBER	DESCRIPTION	PLATING IN PRESS FIT TAIL AREA	PERFORMANCE LEVEL OF PLATING IN CONTACT AREA
85714-N1YY	STANDARD	TIN LEAD	TELCORDIA CO (NXT)
85714-N5YY	STANDARD	TIN LEAD	TECORDIA UE (NXT)
85714-1YY	STANDARD	TIN LEAD	TELCORDIA CO
85714-2YY	STANDARD	TIN LEAD	TELECOM CLASS
85714-3YY	STANDARD	TIN LEAD	IEC CLASS 1
85714-5YY	STANDARD	TIN LEAD	TELCORDIA UE
85714-9YY	STANDARD	TIN LEAD	TELCORDIA CO
85714-N1YYLF	LEAD FREE	TIN	TELCORDIA CO (NXT), IEC CLASS 1, SEE NOTES 9 AND 10
85714-N5YYLF	LEAD FREE	TIN	TECORDIA UE (NXT) SEE NOTES 9 AND 10
85714-1YYLF	LEAD FREE	TIN	TELCORDIA CO, IEC CLASS 1, SEE NOTES 9 AND 10
85714-2YYLF	LEAD FREE	TIN	TELECOM CLASS, SEE NOTES 9 AND 10
85714-5YYLF	LEAD FREE	TIN	TELCORDIA UE, SEE NOTES 9 AND 10

NOTES:
1. FOR DIM A AND B SEE SHEET 2 AND UP.
2. BODY MATERIAL: LIQUID CRYSTAL
   POLYMER 30 % GLASS.
   FLAME RETARDANT ACC. UL 94-V0.
3. PIN MATERIAL:
   PHOSPHOR BRONZE.
4. PLATING ON: PRESS-FIT TAIL AREA SEE PRODUCT NUMBER TABLE. PLATING ON CONTACT AREA CONFORMS TO PERFORMANCE LEVEL SHOWN IN TABLE ON SHEET3.
5. PRODUCT MARKING:
   PART NUMBER DESIGNATION & BATCH I.D.
6. 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 OR XXXXX-XXXPLF
7. PRODUCT SPECIFICATION: GS-12-180. APPLICATION SPECIFICATION: BUS-20-073.
8. AFTER INSERTION INTO CIRCUIT BOARD WITH QUALIFIED TOOL.
9. THE PRODUCTS WHERE THE PART NUMBERS ENDS IN LF MEET THE EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-12-008.
10. ALL PRODUCTS EXCEPT THOSE WITH PART NUMBERS CONTAINING 85714-N1--- OR 85714-N5--- WILL WITHSTAND EXPOSURE TO 260 DEGREES C FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN. PART NUMBERS 85714-N1--- AND 85714-N5--- WILL NOT WITHSTAND REFLOW AND THE Au CONTACT SURFACE OF THE CONTACTS SHALL BE EXPOSED TO A MAXIMUM 140 DEGREES C FOR NO LONGER THAN 15 SECONDS IN A WAVE SOLDER APPLICATION.

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ltr	ecn no.	dr	date
R			

mat'l code --

tolerances unless otherwise specified

linear	0.X ±0.3	
	0.XX ±0.13	
	.XXX ±.051	
angles	0° ±2°	
dr	T.BRUNGARD	11/19/99
engr	M.STRAWSER	11/19/99
chr	M.STRAWSER	11/19/99
appd	M.STRAWSER	02/29/00

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projection

MM

scale 1:1

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title METRAL SIGNAL HEADER 2 MOD, 4 ROW PRESS-FIT

product family METRAL

code 213

size A

dwg no 85714

sheet 3

sheet index | revision sheet

cage code 22526

Pro/E

REV E - 2006-04-18

PDM: Rev:R STATUS: Released Printed: May 16, 2009

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
	ROW	1	2	3	4	5	6	7	8	9	10	11	12
85714-X01 AND 85714-X01LF	D	1	1	1	1	1	1	1	1	1	1	1	1
	C	3	3	3	3	3	3	3	3	3	3	3	3
	B	1	1	1	1	1	1	1	1	1	1	1	1
	A	1	1	1	1	1	1	1	1	1	1	1	1

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
	ROW	1	2	3	4	5	6	7	8	9	10	11	12
85714-X06 AND 85714-X06LF	D	31	31	31	31	31	31	31	31	31	31	31	31
	C	7	7	7	7	7	7	7	7	7	7	7	7
	B	7	7	7	7	7	7	7	7	7	7	7	7
	A	31	31	31	31	31	31	31	31	31	31	31	31

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
	ROW	1	2	3	4	5	6	7	8	9	10	11	12
85714-X11 AND 85714-X11LF	D	13	13	13	13	13	13	13	13	13	13	13	13
	C	13	13	13	13	13	13	13	13	13	13	13	13
	B	13	13	13	13	13	13	13	13	13	13	13	13
	A	13	13	13	13	13	13	13	13	13	13	13	13

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
	ROW	1	2	3	4	5	6	7	8	9	10	11	12
85714-X16 AND 85714-X16LF	D	2	2	2	2	2	2	2	2	2	2	2	2
	C	2	2	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2	2	2	2	2	2
	A	13	13	13	13	13	13	13	13	13	13	13	13

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
	ROW	1	2	3	4	5	6	7	8	9	10	11	12
85714-X02 AND 85714-X02LF	D	3	3	3	3	3	3	3	3	3	3	3	3
	C	3	3	3	3	3	3	3	3	3	3	3	3
	B	3	3	3	3	3	3	3	3	3	3	3	3
	A	1	1	1	1	1	1	1	1	1	1	1	1

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
	ROW	1	2	3	4	5	6	7	8	9	10	11	12
85714-X07 AND 85714-X07LF	D	2	2	2	2	2	2	2	2	2	2	2	2
	C	3	3	3	3	3	3	3	3	3	3	3	3
	B	3	3	3	3	3	3	3	3	3	3	3	3
	A	2	2	2	2	2	2	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
	ROW	1	2	3	4	5	6	7	8	9	10	11	12
85714-X12 AND 85714-X12LF	D	1	1	1	1	1	1	1	1	1	1	1	1
	C	2	2	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2	2	2	2	2	2
	A	2	2	2	2	2	2	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
	ROW	1	2	3	4	5	6	7	8	9	10	11	12
85714-X17 AND 85714-X17LF	D	6	6	6	6	6	6	6	6	6	6	6	6
	C	6	6	6	6	6	6	6	6	6	6	6	6
	B	6	6	6	6	6	6	6	6	6	6	6	6
	A	14	14	14	14	14	14	14	14	14	14	14	14

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
	ROW	1	2	3	4	5	6	7	8	9	10	11	12
85714-X03 AND 85714-X03LF	D	45	45	45	45	45	45	45	45	45	45	45	45
	C	45	45	45	45	45	45	45	45	45	45	45	45
	B	45	45	45	45	45	45	45	45	45	45	45	45
	A	45	45	45	45	45	45	45	45	45	45	45	45

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
	ROW	1	2	3	4	5	6	7	8	9	10	11	12
85714-X08 AND 85714-X08LF	D	2	2	2	2	2	2	2	2	2	2	2	2
	C	2	2	2	2	2	2	2	2	2	2	2	2
	B	3	3	3	3	3	3	3	3	3	3	3	3
	A	3	3	3	3	3	3	3	3	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
	ROW	1	2	3	4	5	6	7	8	9	10	11	12
85714-X13 AND 85714-X13LF	D	3	3	3	3	3	3	3	3	3	3	3	3
	C	3	3	3	3	3	3	3	3	3	3	3	3
	B	19	19	19	19	19	19	19	19	19	19	19	19
	A	3	3	3	3	3	3	3	3	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
	ROW	1	2	3	4	5	6	7	8	9	10	11	12
85714-X18 AND 85714-X18LF	D	10	10	10	10	10	10	10	10	10	10	10	10
	C	10	10	10	10	10	10	10	10	10	10	10	10
	B	10	10	10	10	10	10	10	10	10	10	10	10
	A	15	15	15	15	15	15	15	15	15	15	15	15

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
	ROW	1	2	3	4	5	6	7	8	9	10	11	12
85714-X04 AND 85714-X04LF	D	7	7	7	7	7	7	7	7	7	7	7	7
	C	31	31	31	31	31	31	31	31	31	31	31	31
	B	31	31	31	31	31	31	31	31	31	31	31	31
	A	7	7	7	7	7	7	7	7	7	7	7	7

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
	ROW	1	2	3	4	5	6	7	8	9	10	11	12
85714-X09 AND 85714-X09LF	D	6	6	6	6	6	6	6	6	6	6	6	6
	C	6	6	6	6	6	6	6	6	6	6	6	6
	B	7	7	7	7	7	7	7	7	7	7	7	7
	A	7	7	7	7	7	7	7	7	7	7	7	7

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
	ROW	1	2	3	4	5	6	7	8	9	10	11	12
85714-X14 AND 85714-X14LF	D	11	11	11	11	11	11	11	11	11	11	11	11
	C	5	5	5	5	5	5	5	5	5	5	5	5
	B	5	5	5	5	5	5	5	5	5	5	5	5
	A	5	5	5	5	5	5	5	5	5	5	5	5

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
	ROW	1	2	3	4	5	6	7	8	9	10	11	12
85714-X19 AND 85714-X19LF	D	10	10	10	10	10	10	10	10	10	10	10	10
	C	10	10	10	10	10	10	10	10	10	10	10	10
	B	9	9	9	9	9	9	9	9	9	9	9	9
	A	11	11	11	11	11	11	11	11	11	11	11	11

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
	ROW	1	2	3	4	5	6	7	8	9	10	11	12
85714-X05 AND 85714-X05LF	D	22	22	22	22	22	22	22	22	22	22	22	22
	C	22	22	22	22	22	22	22	22	22	22	22	22
	B	22	22	22	22	22	22	22	22	22	22	22	22
	A	22	22	22	22	22	22	22	22	22	22	22	22

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
	ROW	1	2	3	4	5	6	7	8	9	10	11	12
85714-X10 AND 85714-X10LF	D	1	1	1	1	1	1	1	1	1	1	1	1
	C	1	1	1	1	1	1	1	1	1	1	1	1
	B	1	1	1	1	1	1	1	1	1	1	1	1
	A	4	4	4	4	4	4	4	4	4	4	4	4

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
	ROW	1	2	3	4	5	6	7	8	9	10	11	12
85714-X15 AND 85714-X15LF	D	3	3	3	3	3	3	3	3	3	3	3	3
	C	3	3	3	3	3	3	3	3	3	3	3	3
	B	4	4	4	4	4	4	4	4	4	4	4	4
	A	4	4	4	4	4	4	4	4	4	4	4	4

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
	ROW	1	2	3	4	5	6	7	8	9	10	11	12
85714-X20 AND 85714-X20LF	D	40	40	40	40	40	40	40	40	40	40	40	40
	C	40	40	40	40	40	40	40	40	40	40	40	40
	B	40	40	40	40	40	40	40	40	40	40	40	40
	A	40	40	40	40	40	40	40	40	40	40	40	40

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mat'l code	--	tolerances unless otherwise specified		CUSTOMER COPY
ltr	ecn no. / dr / date	linear	0.X ±0.3	projection
R			0.XX ±0.13	
			.XXX ±.051	
		angles	0° ±2°	MM
		dr	T.BRUNGARD 11/19/99	
		engr	M.STRAWSER 11/19/99	
		chr	M.STRAWSER 11/19/99	scale
		appd	M.STRAWSER 02/29/00	1:1
sheet index	revision sheet			

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title: METRAL SIGNAL HEADER 2 MOD, 4 ROW PRESS-FIT

product family	METRAL	code
size	dwg no	213
A	85714	sheet 4

cage code 22526

Pro/E

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
	ROW	1	2	3	4	5	6	7	8	9	10	11	12
85714-X21 AND 85714-X21LF	D	19	19	19	19	19	19	19	19	19	19	19	19
	C	4	4	4	4	4	4	4	4	4	4	4	4
	B	4	4	4	4	4	4	4	4	4	4	4	4
	A	19	19	19	19	19	19	19	19	19	19	19	19

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
	ROW	1	2	3	4	5	6	7	8	9	10	11	12
85714-X26 AND 85714-X26LF	D	40	40	40	40	40	40	40	40	40	40	40	40
	C	25	25	25	25	25	25	25	25	25	25	25	25
	B	25	25	25	25	25	25	25	25	25	25	25	25
	A	41	41	41	41	41	41	41	41	41	41	41	41

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
	ROW	1	2	3	4	5	6	7	8	9	10	11	12
85714-X31 AND 85714-X31LF	D	59	59	59	59	59	59	59	59	59	59	59	59
	C	59	59	59	59	59	59	59	59	59	59	59	59
	B	59	59	59	59	59	59	59	59	59	59	59	59
	A	61	61	61	61	61	61	61	61	61	61	61	61

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
	ROW	1	2	3	4	5	6	7	8	9	10	11	12
85714-X36 AND 85714-X36LF	D	61	61	61	61	61	61	61	61	61	61	61	61
	C	61	61	61	61	61	61	61	61	61	61	61	61
	B	63	63	63	63	63	63	63	63	63	63	63	63
	A	61	61	61	61	61	61	61	61	61	61	61	61

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
	ROW	1	2	3	4	5	6	7	8	9	10	11	12
85714-X22 AND 85714-X22LF	D	20	20	20	20	20	20	20	20	20	20	20	20
	C	8	8	8	8	8	8	8	8	8	8	8	8
	B	8	8	8	8	8	8	8	8	8	8	8	8
	A	20	20	20	20	20	20	20	20	20	20	20	20

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
	ROW	1	2	3	4	5	6	7	8	9	10	11	12
85714-X27 AND 85714-X27LF	D	19	19	19	19	19	19	19	19	19	19	19	19
	C	2	2	2	2	2	2	2	2	2	2	2	2
	B	3	3	3	3	3	3	3	3	3	3	3	3
	A	3	3	3	3	3	3	3	3	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
	ROW	1	2	3	4	5	6	7	8	9	10	11	12
85714-X32 AND 85714-X32LF	D	61	61	61	61	61	61	61	61	61	61	61	61
	C	60	60	60	60	60	60	60	60	60	60	60	60
	B	60	60	60	60	60	60	60	60	60	60	60	60
	A	61	61	61	61	61	61	61	61	61	61	61	61

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
	ROW	1	2	3	4	5	6	7	8	9	10	11	12
85714-X37 AND 85714-X37LF	D	60	60	60	60	60	60	60	60	60	60	60	60
	C	60	60	60	60	60	60	60	60	60	60	60	60
	B	60	60	60	60	60	60	60	60	60	60	60	60
	A	60	60	60	60	60	60	60	60	60	60	60	60

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
	ROW	1	2	3	4	5	6	7	8	9	10	11	12
85714-X23 AND 85714-X23LF	D	14	14	14	14	14	14	14	14	14	14	14	14
	C	20	20	20	20	20	20	20	20	20	20	20	20
	B	20	20	20	20	20	20	20	20	20	20	20	20
	A	14	14	14	14	14	14	14	14	14	14	14	14

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
	ROW	1	2	3	4	5	6	7	8	9	10	11	12
85714-X28 AND 85714-X28LF	D	3	3	3	3	3	3	3	3	3	3	3	3
	C	4	4	4	4	4	4	4	4	4	4	4	4
	B	19	19	19	19	19	19	19	19	19	19	19	19
	A	19	19	19	19	19	19	19	19	19	19	19	19

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
	ROW	1	2	3	4	5	6	7	8	9	10	11	12
85714-X33 AND 85714-X33LF	D	61	61	61	61	61	61	61	61	61	61	61	61
	C	61	61	61	61	61	61	61	61	61	61	61	61
	B	61	61	61	61	61	61	61	61	61	61	61	61
	A	61	61	61	61	61	61	61	61	61	61	61	61

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
	ROW	1	2	3	4	5	6	7	8	9	10	11	12
85714-X38 AND 85714-X38LF	D	62	62	62	62	62	62	62	62	62	62	62	62
	C	62	62	62	62	62	62	62	62	62	62	62	62
	B	62	62	62	62	62	62	62	62	62	62	62	62
	A	62	62	62	62	62	62	62	62	62	62	62	62

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
	ROW	1	2	3	4	5	6	7	8	9	10	11	12
85714-X24 AND 85714-X24LF	D	13	13	13	13	13	13	13	13	13	13	13	13
	C	19	19	19	19	19	19	19	19	19	19	19	19
	B	19	19	19	19	19	19	19	19	19	19	19	19
	A	13	13	13	13	13	13	13	13	13	13	13	13

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
	ROW	1	2	3	4	5	6	7	8	9	10	11	12
85714-X29 AND 85714-X29LF	D	3	3	3	3	3	3	3	3	3	3	3	3
	C	3	3	3	3	3	3	3	3	3	3	3	3
	B	19	19	19	19	19	19	19	19	19	19	19	19
	A	3	3	3	3	3	3	3	3	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
	ROW	1	2	3	4	5	6	7	8	9	10	11	12
85714-X34 AND 85714-X34LF	D	60	60	60	60	60	60	60	60	60	60	60	60
	C	60	60	60	60	60	60	60	60	60	60	60	60
	B	62	62	62	62	62	62	62	62	62	62	62	62
	A	60	60	60	60	60	60	60	60	60	60	60	60

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
	ROW	1	2	3	4	5	6	7	8	9	10	11	12
85714-X39 AND 85714-X39LF	D	63	63	63	63	63	63	63	63	63	63	63	63
	C	63	63	63	63	63	63	63	63	63	63	63	63
	B	63	63	63	63	63	63	63	63	63	63	63	63
	A	63	63	63	63	63	63	63	63	63	63	63	63

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
	ROW	1	2	3	4	5	6	7	8	9	10	11	12
85714-X25 AND 85714-X25LF	D	48	48	48	48	48	48	48	48	48	48	48	48
	C	48	48	48	48	48	48	48	48	48	48	48	48
	B	48	48	48	48	48	48	48	48	48	48	48	48
	A	48	48	48	48	48	48	48	48	48	48	48	48

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
	ROW	1	2	3	4	5	6	7	8	9	10	11	12
85714-X30 AND 85714-X30LF	D	59	59	59	59	59	59	59	59	59	59	59	59
	C	59	59	59	59	59	59	59	59	59	59	59	59
	B	59	59	59	59	59	59	59	59	59	59	59	59
	A	59	59	59	59	59	59	59	59	59	59	59	59

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
	ROW	1	2	3	4	5	6	7	8	9	10	11	12
85714-X35 AND 85714-X35LF	D	61	61	61	61	61	61	61	61	61	61	61	61
	C	62	62	62	62	62	62	62	62	62	62	62	62
	B	63	63	63	63	63	63	63	63	63	63	63	63
	A	63	63	63	63	63	63	63	63	63	63	63	63

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
	ROW	1	2	3	4	5	6	7	8	9	10	11	12
85714-X40 AND 85714-X40LF	D	40	40	40	40	40	40	40	40	40	40	40	40
	C	40	40	40	40	40	40	40	40	40	40	40	40
	B	40	40	40	40	40	40	40	40	40	40	40	40
	A	40	40	40	40	40	40	40	40	40	40	40	40

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mat'l code	--	tolerances unless otherwise specified		CUSTOMER COPY	www.fciconnect.com
ltr / ecn no. / dr / date		linear	0.X ±0.3	projection	title: METRAL SIGNAL HEADER 2 MOD, 4 ROW PRESS-FIT
R			0.XX ±0.13		
			.XXX ±.051		
		angles	0° ±2°		
		dr	T.BRUNGARD 11/19/99	MM	product family: METRAL; code: 213
		engr	M.STRAWSER 11/19/99		size: A; dwg no: 85714
		chr	M.STRAWSER 11/19/99	scale 1:1	sheet: 5
		appd	M.STRAWSER 02/29/00		
sheet index	revision sheet				

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cage code 22526

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
85714-X41 AND 85714-X41LF	D	40	40	40	40	40	40	40	40	40	40	40	40
	C	40	40	40	40	40	40	40	40	40	40	40	40
	B	40	40	40	40	40	40	40	40	40	40	40	40
	A	41	41	41	41	41	41	41	41	41	41	41	41

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
85714-X46 AND 85714-X46LF	D	41	41	41	41	41	41	41	41	41	41	41	41
	C	41	41	41	41	41	41	41	41	41	41	41	41
	B	43	43	43	43	43	43	43	43	43	43	43	43
	A	41	41	41	41	41	41	41	41	41	41	41	41

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
85714-X51 AND 85714-X51LF	D	10	10	10	10	10	10	10	10	10	10	10	10
	C	10	10	10	10	10	10	10	10	10	10	10	10
	B	10	10	10	10	10	10	10	10	10	10	10	10
	A	10	10	10	10	10	10	10	10	10	10	10	10

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
85714-X56 AND 85714-X56LF	D	64	64	64	64	64	64	64	64	64	64	64	64
	C	64	64	64	64	64	64	64	64	64	64	64	64
	B	64	64	64	64	64	64	64	64	64	64	64	64
	A	64	64	64	64	64	64	64	64	64	64	64	64

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
85714-X42 AND 85714-X42LF	D	41	41	41	41	41	41	41	41	41	41	41	41
	C	25	25	25	25	25	25	25	25	25	25	25	25
	B	25	25	25	25	25	25	25	25	25	25	25	25
	A	41	41	41	41	41	41	41	41	41	41	41	41

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
85714-X47 AND 85714-X47LF	D	42	42	42	42	42	42	42	42	42	42	42	42
	C	42	42	42	42	42	42	42	42	42	42	42	42
	B	42	42	42	42	42	42	42	42	42	42	42	42
	A	42	42	42	42	42	42	42	42	42	42	42	42

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
85714-X52 AND 85714-X52LF	D	12	12	12	12	12	12	12	12	12	12	12	12
	C	12	12	12	12	12	12	12	12	12	12	12	12
	B	12	12	12	12	12	12	12	12	12	12	12	12
	A	12	12	12	12	12	12	12	12	12	12	12	12

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
85714-X43 AND 85714-X43LF	D	41	41	41	41	41	41	41	41	41	41	41	41
	C	41	41	41	41	41	41	41	41	41	41	41	41
	B	41	41	41	41	41	41	41	41	41	41	41	41
	A	41	41	41	41	41	41	41	41	41	41	41	41

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
85714-X48 AND 85714-X48LF	D	43	43	43	43	43	43	43	43	43	43	43	43
	C	43	43	43	43	43	43	43	43	43	43	43	43
	B	43	43	43	43	43	43	43	43	43	43	43	43
	A	43	43	43	43	43	43	43	43	43	43	43	43

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
85714-X53 AND 85714-X53LF	D	7	7	7	7	7	7	7	7	7	7	7	7
	C	8	8	8	8	8	8	8	8	8	8	8	8
	B	20	20	20	20	20	20	20	20	20	20	20	20
	A	20	20	20	20	20	20	20	20	20	20	20	20

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
85714-X44 AND 85714-X44LF	D	25	25	25	25	25	25	25	25	25	25	25	25
	C	25	25	25	25	25	25	25	25	25	25	25	25
	B	42	42	42	42	42	42	42	42	42	42	42	42
	A	25	25	25	25	25	25	25	25	25	25	25	25

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
85714-X49 AND 85714-X49LF	D	11	11	11	11	11	11	11	11	11	11	11	11
	C	12	12	12	12	12	12	12	12	12	12	12	12
	B	21	21	21	21	21	21	21	21	21	21	21	21
	A	21	21	21	21	21	21	21	21	21	21	21	21

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
85714-X54 AND 85714-X54LF	D	7	7	7	7	7	7	7	7	7	7	7	7
	C	7	7	7	7	7	7	7	7	7	7	7	7
	B	20	20	20	20	20	20	20	20	20	20	20	20
	A	7	7	7	7	7	7	7	7	7	7	7	7

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
85714-X45 AND 85714-X45LF	D	41	41	41	41	41	41	41	41	41	41	41	41
	C	42	42	42	42	42	42	42	42	42	42	42	42
	B	43	43	43	43	43	43	43	43	43	43	43	43
	A	43	43	43	43	43	43	43	43	43	43	43	43

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
85714-X50 AND 85714-X50LF	D	11	11	11	11	11	11	11	11	11	11	11	11
	C	11	11	11	11	11	11	11	11	11	11	11	11
	B	21	21	21	21	21	21	21	21	21	21	21	21
	A	11	11	11	11	11	11	11	11	11	11	11	11

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
85714-X55 AND 85714-X55LF	D	3	3	3	3	3	3	3	3	3	3	3	3
	C	1	1	1	1	1	1	1	1	1	1	1	1
	B	3	3	3	3	3	3	3	3	3	3	3	3
	A	3	3	3	3	3	3	3	3	3	3	3	3

mat'l code	--			tolerances unless otherwise specified			CUSTOMER	FCI www.fciconnect.com
ltr	ecn no.	dr	date	linear	0.X ±0.3		COPY	
R					0.XX ±0.13		projection	title: METRAL SIGNAL HEADER 2 MOD, 4 ROW PRESS-FIT
					.XXX ±.051			
				angles	0° ±2°			
				dr	T.BRUNGARD	11/19/99	MM	product family: METRAL; code: 213
				engr	M.STRAWSER	11/19/99		
				chr	M.STRAWSER	11/19/99	scale 1:1	size: A; dwg no: 85714; sheet: 6
				appd	M.STRAWSER	02/29/00		
sheet index	revision sheet							cage code: 22526

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