PRODUCT NUMBER

SEE TABLE

94.00 REF

2.00 REF

1.40 REF

POS.1

48

2.30 REF

15.80 REF

11.50 REF

D
C
B
A

6.00 REF

2.00 REF

2.00 REF

95.93 REF

17.00 REF

3.45 REF

0.50 REF

CONTACT
AREA

DIM B REF
SEE NOTE 8

DIM A±0.1
SEE NOTE 8

REV E - 2006-04-18
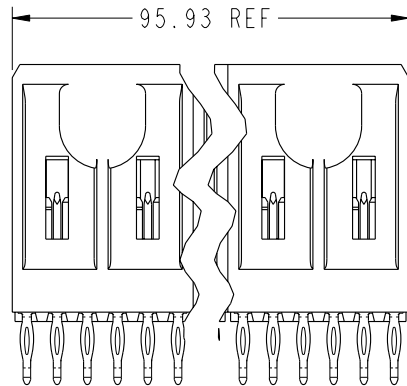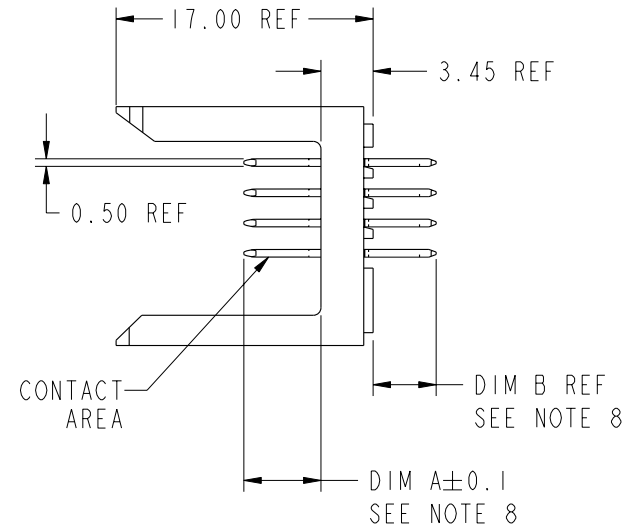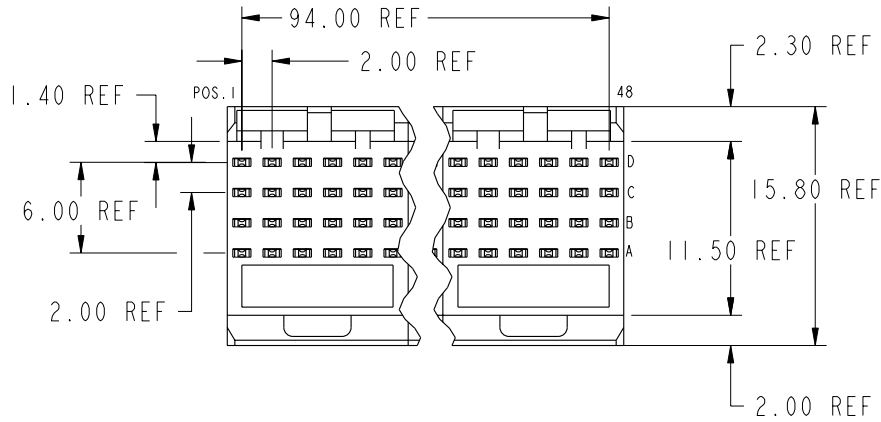
mat'l code			SEE NOTES		tolerances unless otherwise specified		CUSTOMER				
ltr	ecn no.	dr	date		0.X ±0.3		COPY				
AE	V06-0569	DCH	2006-06-12	linear	0.XX ±0.13		projection		title	METRAL SIGNAL HEADER 8 MOD, 4 ROW PRESS-FIT	
-	-	-	-		.XXX ±.051						
Y	V04-0701	TAB	07/29/04	angles	0° ±2°						
AA	V04-1216	TAB	12/23/04	dr	T.BRUNGARD	11/19/99	MM		product family	METRAL	code
AB	V05-0115	HTB	02/02/05	engr	M.STRAWSER	11/19/99			size	dwg no	213
AC	V05-0362	VS	05/05/05	chr	M.STRAWSER	11/19/99	scale		A	85666	sheet
AD	V05-1030	LP	11/18/05	appd	M.STRAWSER	02/29/00	2:1				1 of 11

sheet	revision	AE	AD	AD	AD	AD	AD	AD	AD	AD	AD
index	sheet	1	2	3	4	5	6	7	8	9	10	11

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Pro/E

cage code

22526

PDM: Rev:AE   STATUS: Released   Printed: Dec 29, 2007
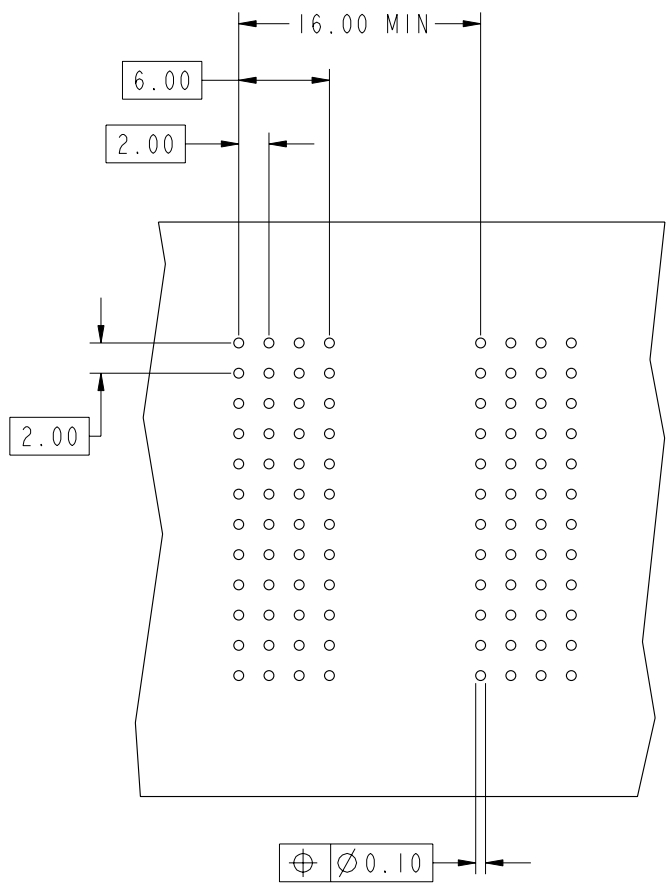
KEY		
	DIMENSIONS	
CODE	DIM "A" MATE	DIM "B" TAIL
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2	5.75	4.30
3	6.50	4.30
4	7.25	4.30
5	5.00	13.60
6	5.75	13.60
7	6.50	13.60
8	7.25	13.60
10	5.75	17.00
11	6.50	17.00
12	7.25	17.00
19	8.00	4.30
20	8.00	13.60

16.00 MIN
6.00
2.00
2.00

⊕ ⌀0.10
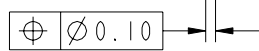
REQUIRED PC BOARD LAYOUT
COMPONENT SIDE

SEE PRINT 58351 FOR ADDITIONAL
PCB INFORMATION.
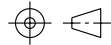
mat'l code			--	tolerances unless otherwise specified		CUSTOMER			FCi www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0.X ±0.3	COPY				
AE					0.XX ±0.13	projection	title	METRAL SIGNAL HEADER 8 MOD, 4 ROW PRESS-FIT		
					.XXX ±.051					
				angles	0° ±2°					
				dr	T.BRUNGARD 11/19/99	MM	product family	METRAL	code 213	
				engr	M.STRAWSER 11/19/99		size	dwg no		sheet 2
				chr	M.STRAWSER 11/19/99	scale	A	85666		
				appd	M.STRAWSER 02/29/00	1:1				
sheet	revision									
index	sheet									

Pro/E

cage code 22526

REV E - 2006-04-18

PDM: Rev:AE   STATUS: **Released**   Printed: Dec 29, 2007

PRODUCT NUMBER	DESCRIPTION	PLATING IN PRESS FIT TAIL AREA	PERFORMANCE LEVEL OF PLATING IN CONTACT AREA
85666-AYY	STANDARD	Au FLASH	TELCORDIA CO
85666-NIYY	STANDARD	TIN LEAD	TELCORDIA CO (NXT)
85666-N5YY	STANDARD	TIN LEAD	TECORDIA UE (NXT)
85666-IYY	STANDARD	TIN LEAD	TELCORDIA CO
85666-2YY	STANDARD	TIN LEAD	TELECOM CLASS
85666-3YY	STANDARD	TIN LEAD	IEC CLASS I
85666-5YY	STANDARD	TIN LEAD	TELCORDIA UE
85666-9YY	STANDARD	TIN LEAD	TELCORDIA CO
85666-AYYLF	LEAD FREE	Au FLASH	TELCORDIA CO, SEE NOTES 10 AND 11
85666-NIYYLF	LEAD FREE	TIN	TELCORDIA CO (NXT), IEC CLASS I, SEE NOTES 10 AND 11
85666-N5YYLF	LEAD FREE	TIN	TECORDIA UE (NXT) SEE NOTES 10 AND 11
85666-IYYLF	LEAD FREE	TIN	TELCORDIA CO, IEC CLASS I, SEE NOTES 10 AND 11
85666-2YYLF	LEAD FREE	TIN	TELECOM CLASS, SEE NOTES 10 AND 11
85666-5YYLF	LEAD FREE	TIN	TELCORDIA UE, SEE NOTES 10 AND 11

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. -A PLATING HAS Au FLASH IN PRESS FIT
   AREA (LEAD FREE).
10. THE PRODUCTS WHERE THE PART NUMBERS ENDS IN
   LF MEET THE EUROPEAN UNION DIRECTIVE AND OTHER
   COUNTRY REGULATIONS AS DESCRIBED IN GS-12-008.
11. ALL PRODUCTS EXCEPT THOSE WITH PART NUMBERS
   CONTAINING 85666-NI--- OR 85666-N5--- WILL WITHSTAND
   EXPOSURE TO 260 DEGREES C FOR 60 SECONDS IN A
   CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
   PART NUMBERS 85666-NI--- AND 85666-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.

REV E - 2006-04-18

mat'l code

ltr	ecn no.	dr	date
AE			

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

| sheet index | revision sheet | | |

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projection

MM

scale 1:1

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title METRAL SIGNAL HEADER 8 MOD, 4 ROW PRESS-FIT

product family METRAL code 213

size A dwg no 85666 sheet 3

Pro/E

cage code 22526

85666-X01 AND 85666-X01LF

ROW	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
D	6	6	6	6	6	6	6	6	6	6	6	6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	4	3	3	2	2
C	6	6	6	6	6	6	6	6	6	6	6	6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	4	3	3	2	2
B	6	6	6	6	6	6	6	6	6	6	6	6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	4	3	3	2	2
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85666-X02 AND 85666-X02LF

ROW	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
D	6	6	6	6	6	6	6	6	6	6	6	6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	2	2	2	
C	6	6	6	6	6	6	6	6	6	6	6	6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	2	2	2	
B	6	6	6	6	6	6	6	6	6	6	6	6	2	2	2	2	2	2	2	2	2	2	2	1	4	2	2	1	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	2	2	2	
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85666-X03 AND 85666-X03LF

ROW	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
D	6	6	6	6	6	6	6	6	6	6	6	6	2	6	6	6	6	6	6	6	6	6	6	6	2	6	6	6	6	6	6	6	6	6	6	6	1	2	2	2	2	4	3	3	2	2		
C	6	6	6	6	6	6	6	6	6	6	6	6	2	6	6	6	6	6	6	6	6	6	6	6	2	6	6	6	6	6	6	6	6	6	6	6	1	2	2	2	2	4	3	3	2	2		
B	6	6	6	6	6	6	6	6	6	6	6	6	2	6	6	6	6	6	6	6	6	6	6	6	2	6	6	6	6	6	6	6	6	6	6	6	1	2	2	2	2	4	3	3	2	2		
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85666-X04 AND 85666-X04LF

ROW	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
D	6	6	6	6	6	6	6	6	6	6	6	6	2	6	6	6	6	6	6	6	6	6	6	6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	2	2	2	
C	6	6	6	6	6	6	6	6	6	6	6	6	2	6	6	6	6	6	6	6	6	6	6	6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	2	2	2	
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85666-X05 AND 85666-X05LF

ROW	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
D	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	3	3	2	2
C	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	3	3	2	2
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A	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	3	3	2	2

mat'l code		--	tolerances unless otherwise specified	CUSTOMER COPY	FCi www.fciconnect.com

ltr	ecn no.	dr	date	linear	0.X ±0.3
AE					0.XX ±0.13
					.XXX ±.051
				angles	0° ±2°

projection — title: METRAL SIGNAL HEADER 8 MOD, 4 ROW PRESS-FIT

dr	T.BRUNGARD	11/19/99	MM	product family METRAL	code 213
engr	M.STRAWSER	11/19/99		size A	dwg no 85666	sheet 4
chr	M.STRAWSER	11/19/99	scale 1:1		
appd	M.STRAWSER	02/29/00			

sheet index / revision sheet — Pro/E — cage code 22526

REV E - 2006-04-18

METRAL SIGNAL HEADER — 8 MOD, 4 ROW PRESS-FIT

85666-X06 AND 85666-X06LF

ROW	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
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C	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	2	2	2
B	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	2	2	2
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85666-X07 AND 85666-X07LF

ROW	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
D	8	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	3	2	2	2	4	3	3	4
C	8	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	3	2	2	2	4	3	3	4
B	8	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	3	3	3	3	3	3	3	4	3	3	3	3	2	2	2	2	2	2	2	2	2	2	3	2	2	2	4	3	3	4
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85666-X08 AND 85666-X08LF

ROW	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
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C	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
B	3	3	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	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	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3

85666-X09 AND 85666-X09LF

ROW	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
D	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	8	8	7	7
C	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	8	8	7	7
B	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	8	8	7	7
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85666-X10 AND 85666-X10LF

ROW	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
D	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	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	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	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	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	1
A	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3

85666-X11 AND 85666-X11LF

METRAL P/N ROW	CONTACT CODE MOD.1 (1-6)						MOD.2 (7-12)						MOD.3 (13-18)						MOD.4 (19-24)						MOD.5 (25-30)						MOD.6 (31-36)						MOD.7 (37-42)						MOD.8 (43-48)					
D	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	1
C	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	1
B	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	1
A	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	1

85666-X12 AND 85666-X12LF

METRAL P/N ROW	CONTACT CODE MOD.1 (1-6)						MOD.2 (7-12)						MOD.3 (13-18)						MOD.4 (19-24)						MOD.5 (25-30)						MOD.6 (31-36)						MOD.7 (37-42)						MOD.8 (43-48)					
D	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	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	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	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	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
A	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

85666-X13 AND 85666-X13LF

METRAL P/N ROW	CONTACT CODE MOD.1 (1-6)						MOD.2 (7-12)						MOD.3 (13-18)						MOD.4 (19-24)						MOD.5 (25-30)						MOD.6 (31-36)						MOD.7 (37-42)						MOD.8 (43-48)					
D	5	5	5	5	5	5	5	5	5	5	5	5	1	1	1	1	1	1	5	5	5	5	5	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C	5	5	5	5	5	5	5	5	5	5	5	5	1	1	1	1	1	1	5	5	5	5	5	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
B	5	5	5	5	5	5	5	5	5	5	5	5	1	1	1	1	1	1	5	5	5	5	5	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
A	5	5	5	5	5	5	5	5	5	5	5	5	1	1	1	1	1	1	5	5	5	5	5	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

85666-X14 AND 85666-X14LF

METRAL P/N ROW	CONTACT CODE MOD.1 (1-6)						MOD.2 (7-12)						MOD.3 (13-18)						MOD.4 (19-24)						MOD.5 (25-30)						MOD.6 (31-36)						MOD.7 (37-42)						MOD.8 (43-48)					
D	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	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	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
B	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	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	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

85666-X15 AND 85666-X15LF

METRAL P/N ROW	CONTACT CODE MOD.1 (1-6)						MOD.2 (7-12)						MOD.3 (13-18)						MOD.4 (19-24)						MOD.5 (25-30)						MOD.6 (31-36)						MOD.7 (37-42)						MOD.8 (43-48)					
D	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
C	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
B	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
A	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

85666-X16 AND 85666-X16LF

METRAL P/N	ROW	MOD.1 (1-6)						MOD.2 (7-12)						MOD.3 (13-18)						MOD.4 (19-24)						MOD.5 (25-30)						MOD.6 (31-36)						MOD.7 (37-42)						MOD.8 (43-48)					
85666-X16	D	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	C	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	A	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

85666-X17 AND 85666-X17LF

METRAL P/N	ROW	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
85666-X17	D	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	C	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	A	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

85666-X18 AND 85666-X18LF

METRAL P/N	ROW	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
85666-X18	D	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	1	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	8	8
	C	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	8	8
	B	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	8	8
	A	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	8	8

85666-X19 AND 85666-X19LF

METRAL P/N	ROW	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
85666-X19	D	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	C	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	8	8	8	8	8
	B	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	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	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

85666-X20 AND 85666-X20LF

METRAL P/N	ROW	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
85666-X20	D	6	6	6	6	6	6	6	6	6	6	6	6	2	6	6	6	6	6	6	6	6	6	6	6	6	2	2	2	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	4	2	2	4
	C	6	6	6	6	6	6	6	6	6	6	6	6	2	6	6	6	6	6	6	6	6	6	6	6	6	2	2	2	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	4	2	2	4
	B	6	6	6	6	6	6	6	6	6	6	6	6	2	6	6	6	6	6	6	6	6	6	6	6	6	2	2	2	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	4	2	2	4
	A	6	6	6	6	6	6	6	6	6	6	6	6	2	6	6	6	6	6	6	6	6	6	6	6	6	2	2	2	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	4	2	2	4

REV E - 2006-04-18

mat'l code	- -	tolerances unless otherwise specified	CUSTOMER COPY	www.fciconnect.com
ltr	ecn no.	dr	date	linear 0.X ±0.3 / 0.XX ±0.13 / .XXX ±.051	projection	title METRAL SIGNAL HEADER 8 MOD, 4 ROW PRESS-FIT
AE				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 85666	sheet 7
chr	M.STRAWSER	11/19/99	scale 1:1		
appd	M.STRAWSER	02/29/00			

sheet index | revision sheet

Pro/E

cage code 22526

85666-X21 AND 85666-X21LF

ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4						MOD. 5						MOD. 6						MOD. 7						MOD. 8					
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
D	6	6	6	6	6	6	6	6	6	6	6	6	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	1
C	6	6	6	6	6	6	6	6	6	6	6	6	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	4	2	2	2	2	2	2	2	2	2	2	2	2	1	2	1
B	6	6	6	6	6	6	6	6	6	6	6	6	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	1
A	6	6	6	6	6	6	6	6	6	6	6	6	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	4	2	2	2	2	2	2	2	2	2	2	2	2	1	2	1

85666-X22 AND 85666-X22LF

ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4						MOD. 5						MOD. 6						MOD. 7						MOD. 8					
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
D	6	8	8	6	6	6	6	6	6	6	6	6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	3	1	1	1	1	4	3	3	2	2
C	6	6	6	6	6	6	6	6	6	6	6	6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	4	3	3	2	2
B	6	6	6	6	6	6	6	6	6	6	6	6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	4	3	3	2	2
A	6	6	6	6	6	6	6	6	6	6	6	6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	4	3	3	2	2

85666-X23 AND 85666-X23LF

ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4						MOD. 5						MOD. 6						MOD. 7						MOD. 8					
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
D	4	19	19	19	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	19	19	19	19	19	19	19	19	19	19	4
C	4	19	19	19	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	19	19	19	19	19	19	19	19	19	19	4
B	4	19	19	19	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	19	19	19	19	19	19	19	19	19	19	4
A	1	19	19	19	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	19	19	19	19	19	19	19	19	19	19	1

85666-X24 AND 85666-X24LF

ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4						MOD. 5						MOD. 6						MOD. 7						MOD. 8					
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
D	4	19	19	19	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	19	19	19	19	19	19	19	19	19	19	4
C	4	19	19	19	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	19	19	19	19	19	19	19	19	19	19	4
B	4	19	19	19	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	19	19	19	19	19	19	19	19	19	19	4
A	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1

85666-X25 AND 85666-X25LF

ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4						MOD. 5						MOD. 6						MOD. 7						MOD. 8					
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
D	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3
C	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3
B	3	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3
A	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3

Title block

mat'l code	— —	

tolerances unless otherwise specified:
- linear: 0.X ±0.3, 0.XX ±0.13, .XXX ±.051
- angles: 0° ±2°

ltr	ecn no.	dr	date
AE			

dr	T.BRUNGARD	11/19/99
engr	M.STRAWSER	11/19/99
chr	M.STRAWSER	11/19/99
appd	M.STRAWSER	02/29/00

CUSTOMER COPY

projection — MM

title: METRAL SIGNAL HEADER 8 MOD, 4 ROW PRESS-FIT

product family: METRAL
size: A
dwg no: 85666
code: 213
sheet: 8
scale: 1:1

cage code: 22526

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Pro/E

sheet index / revision sheet

85666-X26 AND 85666-X26LF

METRAL P/N	ROW	CONTACT CODE MOD.1						MOD.2						MOD.3						MOD.4						MOD.5						MOD.6						MOD.7						MOD.8					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
	D	6	6	6	6	6	6	6	6	6	6	6	6	2	6	6	6	6	6	6	6	6	6	6	6	2	6	6	6	6	6	6	6	6	6	6	6	6	1	1	1	1	1	4	3	3	2	2	
	C	6	6	6	6	6	6	6	6	6	6	6	6	2	6	6	6	6	6	6	6	6	6	6	6	2	6	6	6	6	6	6	6	6	6	6	6	6	1	1	1	1	1	4	3	3	2	2	
	B	6	6	6	6	6	6	6	6	6	6	6	2	6	6	6	6	6	6	6	6	6	6	6	2	6	6	6	6	6	6	6	6	6	6	6	6	6	1	1	1	1	1	4	3	3	2	2	
	A	6	6	6	6	6	6	6	6	6	6	6	2	6	6	6	6	6	6	6	6	6	6	6	2	6	6	6	6	6	6	6	6	6	6	6	6	6	1	1	1	1	1	4	3	3	2	2	

85666-X27 AND 85666-X27LF

METRAL P/N	ROW	CONTACT CODE MOD.1						MOD.2						MOD.3						MOD.4						MOD.5						MOD.6						MOD.7						MOD.8					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
	D	4	4	4	4	4	4	4	3	3	3	3	3	3	4	3	3	3	3	3	4	3	3	3	3	3	4	3	3	3	3	3	4	3	3	3	3	3	4	4	3	3	3	4	4	4	3	3	4
	C	3	3	3	3	3	4	3	3	3	3	3	3	4	3	3	3	3	3	4	3	3	3	3	3	4	3	3	3	3	3	4	3	3	3	3	3	4	4	3	3	3	3	4	3	3	3	4	3
	B	3	3	3	3	3	4	3	3	3	3	3	3	4	3	3	3	3	3	4	3	3	3	3	3	4	3	3	3	3	3	4	3	3	3	3	3	4	4	3	3	3	2	3	3	3	4	3	3
	A	4	4	4	4	4	4	3	3	3	3	3	3	4	3	3	4	4	4	3	3	3	3	3	4	3	3	3	3	4	3	3	3	3	3	4	3	3	4	4	3	3	4	4	3	3	4	4	

85666-X28 AND 85666-X28LF

METRAL P/N	ROW	CONTACT CODE MOD.1						MOD.2						MOD.3						MOD.4						MOD.5						MOD.6						MOD.7						MOD.8					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
	D	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	2	1	1	1	1	1	1	2	1	1	1	1	1	2	1	1	1	1	1	2	1	1	2	2
	C	1	1	1	1	1	1	1	2	1	1	1	1	1	1	2	1	1	1	1	1	1	2	1	1	1	1	1	1	2	1	1	1	1	1	1	2	1	2	1	1	1	1	2	1	1	1	2	1
	B	1	1	1	1	1	1	1	2	1	1	1	1	1	1	2	1	1	1	1	1	1	2	1	1	1	1	1	1	2	1	1	1	1	1	1	2	1	2	1	1	1	1	0	1	1	1	2	1
	A	2	2	2	2	2	2	2	1	1	1	1	1	1	2	1	1	1	2	1	2	1	1	1	1	2	1	1	1	1	1	2	1	1	1	1	1	2	2	1	1	1	1	2	2	1	1	2	2

85666-X29 AND 85666-X29LF

METRAL P/N	ROW	CONTACT CODE MOD.1						MOD.2						MOD.3						MOD.4						MOD.5						MOD.6						MOD.7						MOD.8					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
	D	4	1	9	1	9	1	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	9	1	9	1	9	1	9	1	9	4
	C	4	1	9	1	9	1	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	9	1	9	1	9	1	9	1	9	4
	B	4	1	9	1	9	1	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	9	1	9	1	9	1	9	1	9	4
	A	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1

85666-X30 AND 85666-X30LF

METRAL P/N	ROW	CONTACT CODE MOD.1						MOD.2						MOD.3						MOD.4						MOD.5						MOD.6						MOD.7						MOD.8					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
	D	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	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	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	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	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	A	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1

REV E - 2006-04-18

85666-X31 AND 85666-X31LF

METRAL P/N ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4						MOD. 5						MOD. 6						MOD. 7						MOD. 8					
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
D	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	1	4	4	4	4	4
C	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	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	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	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	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4

85666-X32 AND 85666-X32LF

METRAL P/N ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4						MOD. 5						MOD. 6						MOD. 7						MOD. 8					
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
D	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	20	5	5	5	5	5	20	5	5	5	5	5	20	5	5	5	5	7	5	5	5	5
C	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	20	5	5	5	5	5	20	5	5	5	5	5	20	5	5	5	5	7	7	5	5	5
B	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	20	5	5	5	5	5	5	5	5	5	5	5	5	5	7	7	5	5	5
A	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	20	5	5	5	5	5	5	5	5	5	5	5	5	5	5	20	5	7	7

85666-X33 AND 85666-X33LF

METRAL P/N ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4						MOD. 5						MOD. 6						MOD. 7						MOD. 8					
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
D	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	19	1	1	1	1	19	1	1	1	1	19	1	1	3	1	1	1	1	1
C	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	19	1	1	1	1	19	1	1	1	1	19	1	1	3	3	1	1	1	1
B	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	19	1	1	1	1	1	1	1	1	1	1	3	3	1	1	1	1
A	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	19	1	1	1	1	1	1	1	1	1	1	1	1	19	1	3	3

85666-X34 AND 85666-X34LF

METRAL P/N ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4						MOD. 5						MOD. 6						MOD. 7						MOD. 8					
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
D	1	1	19	1	1	1	1	1	19	1	1	1	1	1	19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C	1	1	19	1	1	1	1	1	19	1	1	1	1	1	19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
B	1	1	1	1	1	19	1	1	1	1	1	19	1	1	1	1	1	19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
A	1	1	1	1	1	19	1	1	1	1	1	19	1	1	1	1	1	19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

85666-X35 AND 85666-X35LF

METRAL P/N ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4						MOD. 5						MOD. 6						MOD. 7						MOD. 8					
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
D	5	5	20	5	5	5	5	5	20	5	5	5	5	5	20	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
C	5	5	20	5	5	5	5	5	20	5	5	5	5	5	20	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
B	5	5	5	5	5	20	5	5	5	5	5	20	5	5	5	5	5	20	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	1	5	5	5
A	5	5	5	5	5	20	5	5	5	5	5	20	5	5	5	5	5	20	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

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85666-X36 AND 85666-X36LF

METRAL P/N	ROW	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
			CONTACT CODE MOD.1					MOD.2						MOD.3						MOD.4						MOD.5						MOD.6						MOD.7						MOD.8					
85666-X36	D	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	1	1	1	1	3	1	1	1	1	1	3	1	1	1	1	1
AND	C	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	1	1	1	1	3	1	1	1	1	1	3	1	1	1	1	1
85666-X36LF	B	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	1	1	1	1	3	1	1	1	1	1	3	1	1	1	1
	A	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	1	1	1	1	3	1	1	1	1	1	3	1	1	1	1

85666-X37 AND 85666-X37LF

METRAL P/N	ROW	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
			CONTACT CODE MOD.1					MOD.2						MOD.3						MOD.4						MOD.5						MOD.6						MOD.7						MOD.8					
85666-X37	D	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	1	1	1	1	3	1	1	1	1	1	3	3	1	1	1	1
AND	C	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	1	1	1	1	3	1	1	1	1	1	3	3	1	1	1	1
85666-X37LF	B	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	1	1	1	1	3	1	1	1	1	3	3	1	1	1	1
	A	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	1	1	1	1	3	1	1	1	1	3	3	1	1	1	1

85666-X38 AND 85666-X38LF

METRAL P/N	ROW	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
			CONTACT CODE MOD.1					MOD.2						MOD.3						MOD.4						MOD.5						MOD.6						MOD.7						MOD.8					
85666-X38	D	5	5	20	5	5	5	5	5	20	5	5	5	5	5	20	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
AND	C	5	5	20	5	5	5	5	5	20	5	5	5	5	5	20	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
85666-X38LF	B	5	5	5	5	5	20	5	5	5	5	5	20	5	5	5	5	5	20	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	A	5	5	5	5	5	20	5	5	5	5	5	20	5	5	5	5	5	20	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

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mat'l code				tolerances unless otherwise specified		CUSTOMER COPY	
ltr	ecn no.	dr	date	linear	0.X ±0.3	projection	title METRAL SIGNAL HEADER 8 MOD, 4 ROW PRESS-FIT
AE					0.XX ±0.13		
					.XXX ±.051		
				angles	0° ±2°		
				dr	T.BRUNGARD 11/19/99	MM	product family METRAL
				engr	M.STRAWSER 11/19/99		size A
				chr	M.STRAWSER 11/19/99	scale 1:1	dwg no 85666
				appd	M.STRAWSER 02/29/00		
sheet index	revision sheet						code 213 sheet 11

cage code 22526

Pro/E