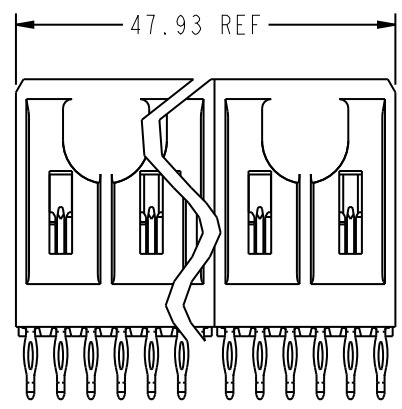
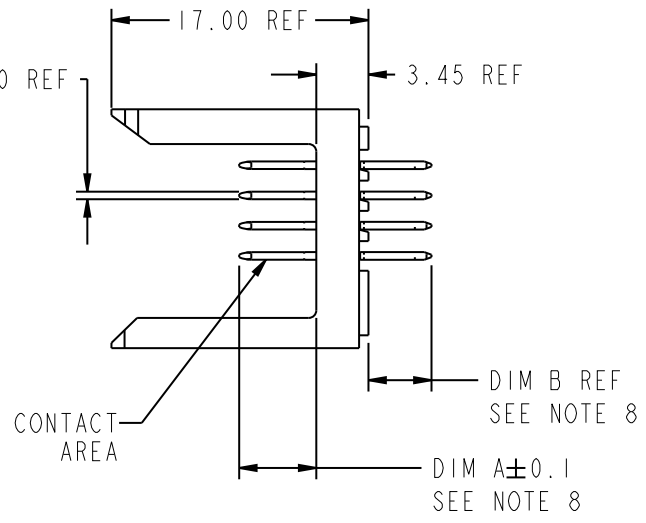
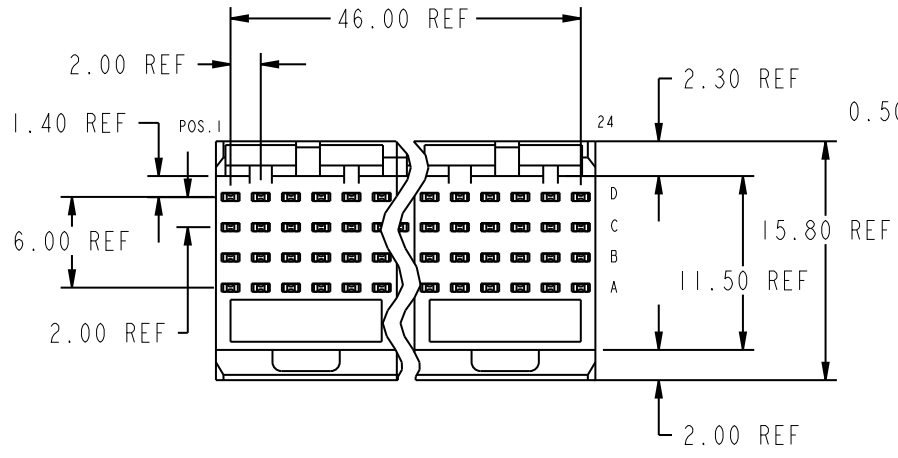

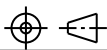



PRODUCT NUMBER
SEE TABLE

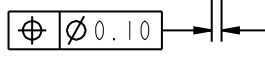
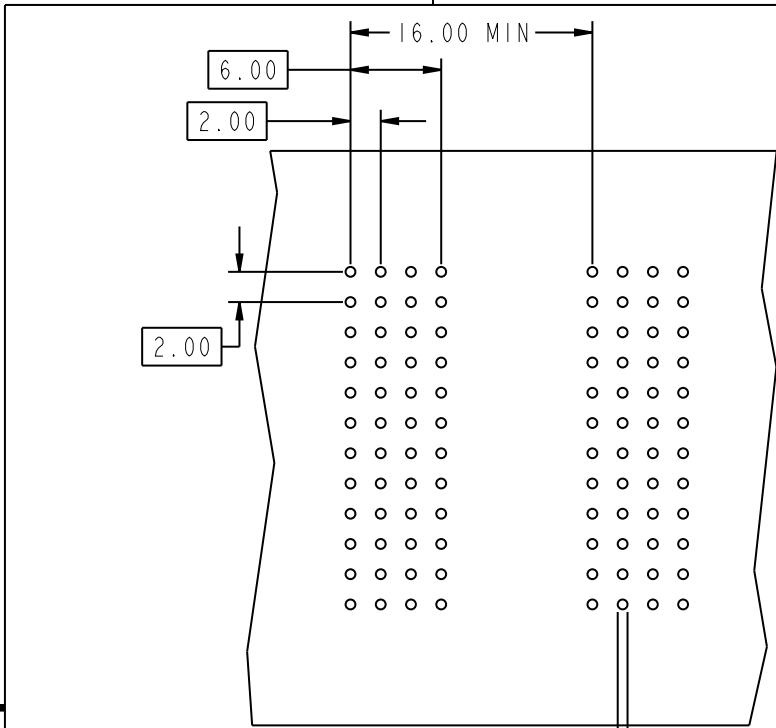


mat'l code				SEE NOTES				tolerances unless otherwise specified				CUSTOMER				 www.fciconnect.com			
ltr	ecm no.	dr	date	linear	0.X ±0.3				COPY				title METRAL SIGNAL HEADER 4 MOD, 4 ROW PRESS-FIT						
BX	V06-0498	DCH	2006-06-02		0.XX ±0.13				projection										
BY	V07-0241	DCH	2007-03-20		.XXX ±.051														
CA	DG08-0188	TER	2008-11-25	angles	0° ±2°								product family		METRAL		code		
BU	V04-0617	TAB	07/07/04	dr	T.BRUNGARD	11/19/99		scale				size		dwg no		213			
BV	V04-1217	HTB	07/07/04	enrg	M.STRAWSER	11/19/99						A		70299		sheet		1 of 14	
BW	V05-0360	VS	04/228/03	chr	M.STRAWSER	11/19/99						2:1							
sheet index				revision	CA	CA	CA	CA	CA	CA	CA	CA	CA	CA	CA	CA	CA	CA	CA
index sheet					1	2	3	4	5	6	7	8	9	10	11	12	13	14	

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REQUIRED PC BOARD LAYOUT
COMPONENT SIDE

SEE PRINT 58351 FOR
ADDITIONAL PCB INFORMATION

KEY		
CODE	DIMENSIONS	
	DIM "A" MATE	DIM "B" TAIL
1	5.00	4.30
2	5.75	4.30
3	6.50	4.30
4	7.25	4.30
5	5.00	13.60
6	5.75	13.60
7	6.50	13.60
8	7.25	13.60
9	5.00	17.00
11	6.50	17.00
19	8.00	4.30
20	8.00	13.60
21	8.00	17.00
22	5.00	12.10
45	6.50	12.10

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCJ		www.fcjconnect.com	
ltr	ecn no.	dr	date	linear	0.X ±0.3		COPY		projection	title	
CA					0.XX ±0.13		MM			METRAL SIGNAL HEADER	
					.XXX ±.051		1:1			4 MOD, 4 ROW PRESS-FIT	
				angles	0° ±2°		scale		product family		
				dr	T.BRUNGARD	11/19/99	A		METRAL		code
				engr	M.STRAWSER	11/19/99	A		size		213
				chr	M.STRAWSER	11/19/99	A		dwg no		sheet
				appd	M.STRAWSER	02/29/00	A		70299		2
sheet index	revision sheet										


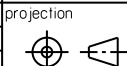


cage code 22526

Pro/E

PRODUCT NUMBER	DESCRIPTION	PLATING IN PRESS FIT TAIL AREA	PERFORMANCE LEVEL OF PLATING IN CONTACT AREA
70299-AYY	STANDARD	TIN-LEAD	TELCORDIA CO (SEE NOTE 9)
70299-NIYY	STANDARD	TIN-LEAD	TELCORDIA CO (NXT)
70299-N5YY	STANDARD	TIN-LEAD	TECORDIA UE (NXT)
70299-IYY	STANDARD	TIN-LEAD	TELCORDIA CO
70299-2YY	STANDARD	TIN-LEAD	TELECOM CLASS
70299-3YY	STANDARD	TIN-LEAD	IEC CLASS I
70299-5YY	STANDARD	TIN-LEAD	TELCORDIA UE
70299-9YY	STANDARD	TIN-LEAD	TELCORDIA CO
70299-NIYYLF	LEAD FREE	TIN	TELCORDIA CO (NXT), IEC CLASS I, SEE NOTES 9 AND 10
70299-N5YYLF	LEAD FREE	TIN	TECORDIA UE (NXT) SEE NOTES 9 AND 10
70299-IYYLF	LEAD FREE	TIN	TELCORDIA CO, IEC CLASS I, SEE NOTES 9 AND 10
70299-2YYLF	LEAD FREE	TIN	TELECOM CLASS, SEE NOTES 9 AND 10
70299-5YYLF	LEAD FREE	TIN	TELCORDIA UE, SEE NOTES 9 AND 10

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 AREA SEE PRODUCT NUMBER TABLE, PLATING ON CONTACT AREA CONFORMS TO PERFORMANCE LEVEL SHOWN IN TABLE ON SHEET3.
- 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 OR XXXXX-XXXPLF
- PRODUCT SPECIFICATION:
GS-12-180
APPLICATION SPECIFICATION:
BUS-20-073
- AFTER INSERTION INTO CIRCUIT BOARD WITH QUALIFIED TOOL.
- A PLATING HAS Au FLASH IN PRESS FIT AREA (LEAD FREE)
- THE PRODUCTS WHERE THE PART NUMBERS ENDS IN LF MEET THE EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-12-008.
- ALL PRODUCTS EXCEPT THOSE WITH PART NUMBERS CONTAINING 70299-NI--- OR 70299-N5--- WILL WITHSTAND EXPOSURE TO 260 DEGREES C FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN PART NUMBERS 70299-NI--- AND 70299-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.

mat'l code				tolerances unless otherwise specified		CUSTOMER		 www.fcjconnect.com	
ltr	ecr no.	dr	date	linear	0.X ±0.3		COPY		 title METRAL SIGNAL HEADER 4 MOD, 4 ROW PRESS-FIT
CA					0.XX ±0.13		projection		
					.XXX ±.051		 product family METRAL code 213		
				angles	0° ±2°		 size 70299 sheet 3		
				dr	T.BRUNGARD	11/19/99	scale 1:1		cage code 22526
				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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METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4								
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
70299-X01 AND 70299-X01LF	D	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
	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
	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
	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

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4								
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
70299-X02 AND 70299-X02LF	D	-	1	-	-	-	1	-	-	-	1	-	-	1	1	1	-	1	-	1	-	1	-	1	-
	C	1	-	-	-	1	-	-	1	-	1	-	1	-	1	-	1	-	1	-	1	-	1	-	1
	B	-	1	-	-	1	-	1	-	-	1	-	1	1	1	-	1	-	1	-	1	-	1	-	1
	A	1	-	1	-	1	-	-	1	-	1	-	3	-	3	-	1	-	1	-	1	-	1	-	1

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4								
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
70299-X03 AND 70299-X03LF	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	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	1	1	1	1	1	1	1	1	1	1

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4								
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
70299-X04 AND 70299-X04LF	D	7	5	5	5	5	5	5	5	7	7	7	7	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	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	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	7	7	7	7	7	7	7	7	7	7	7	7

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4								
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
70299-X05 AND 70299-X05LF	D	7	5	5	5	5	5	5	5	7	7	7	7	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	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	7	7	7	7	7	7	7	7	7	7	7	7
	A	7	7	7	7	7	8	8	8	8	8	8	8	8	7	7	7	7	7	7	7	7	7	7	7

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4								
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
70299-X06 AND 70299-X06LF	D	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	5	5	5	5	5	5	5	5	5
	C	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	5	5	5	5	5	5	5	5	5
	B	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	5	5	5	5	5	5	5	5	5
	A	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	5	5	5	5	5	5	5	5	5

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4								
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
70299-X07 AND 70299-X07LF	D	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	20	20	20	5	20
	C	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	20	20	20	5	20
	B	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	20	20	20	5	20
	A	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	20	20	20	5	20

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4								
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
70299-X08 AND 70299-X08LF	D	7	7	5	5	5	5	5	5	5	5	5	5	7	5	5	5	5	5	5	5	5	5	7	7
	C	7	7	5	5	5	5	5	5	5	5	5	5	7	5	5	5	5	5	5	5	5	5	7	7
	B	7	7	5	5	5	5	5	5	5	5	5	5	7	5	5	5	5	5	5	5	5	5	7	7
	A	7	7	5	5	5	5	5	5	5	5	5	5	7	5	5	5	5	5	5	5	5	5	7	7

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4								
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
70299-X09 AND 70299-X09LF	D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	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
	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
	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

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4								
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
70299-X10 AND 70299-X10LF	D	-	1	-	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	1	-	1	-	1	-	-	1	-	1	-	3	-	3	-	1	-	1	-	1	-	1	-	1

mat'l code				--		tolerances unless otherwise specified		CUSTOMER		FCJ		www.fcjconnect.com		
ltr	ecr no.	dr	date	linear	0.X ±0.3		projection		COPY		title		METRAL SIGNAL HEADER	
CA					0.XX ±0.13						4 MOD, 4 ROW PRESS-FIT			
					.XXX ±.051						product family		METRAL	
				angles	0° ±2°						size		213	
				dr	T.BRUNGARD	11/19/99	MM				dwg no		70299	
				enrg	M.STRAWSER	11/19/99					sheet		4	
				chr	M.STRAWSER	11/19/99	1:1				A			
				appd	M.STRAWSER	02/29/00								
sheet index	revision													
	sheet													

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METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4								
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
70299-X41 AND 70299-X41LF	D	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	19	3	1	1	1	1
	C	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	19	3	3	1	1	1
	B	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	19	3	3	1	1	1
	A	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	19	19	1	1	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4								
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
70299-X42 AND 70299-X42LF	D	4	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3
	C	4	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3
	B	4	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3
	A	4	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4								
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
70299-X43 AND 70299-X43LF	D	3	3	3	3	3	3	4	4	4	4	4	4	1	1	1	1	1	1	1	1	1	1	1	1
	C	3	3	3	3	3	3	4	4	4	4	4	4	1	1	1	1	1	1	1	1	1	1	1	1
	B	3	3	3	3	3	3	4	4	4	4	4	4	1	1	1	1	1	1	1	1	1	1	1	1
	A	3	3	3	3	3	3	4	4	4	4	4	4	1	1	1	1	1	1	1	1	1	1	1	1

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4								
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
70299-X44 AND 70299-X44LF	D	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5	5	5	5	5	5
	C	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5	5	5	5	5	5
	B	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5	5	5	5	5	5
	A	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5	5	5	5	5	5

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4								
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
70299-X45 AND 70299-X45LF	D	3	3	3	3	3	3	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5
	C	3	3	3	3	3	3	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5
	B	3	3	3	3	3	3	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5
	A	3	3	3	3	3	3	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4								
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
70299-X46 AND 70299-X46LF	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
	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
	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
	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

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4								
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
70299-X47 AND 70299-X47LF	D	3	3	3	3	3	4	4	4	4	4	4	1	1	1	1	1	1	1	1	1	1	1	1	1
	C	3	3	3	3	3	3	3	3	3	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1
	B	3	3	3	3	3	3	3	3	3	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1
	A	3	3	3	3	3	3	3	3	3	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4								
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
70299-X48 AND 70299-X48LF	D	1	1	1	1	1	1	1	1	1	1	1	1	5	5	5	5	5	5	5	5	5	5	5	5
	C	1	1	1	1	1	1	1	1	1	1	1	1	5	5	5	5	5	5	5	5	5	5	5	5
	B	1	1	1	1	1	1	1	1	1	1	1	1	5	5	5	5	5	5	5	5	5	5	5	5
	A	1	1	1	1	1	1	1	1	1	1	1	1	5	5	5	5	5	5	5	5	5	5	5	5

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4								
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
70299-X49 AND 70299-X49LF	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
	C	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	B	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	A	3	3	3	3	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4								
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
70299-X50 AND 70299-X50LF	D	6	6	6	6	6	8	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	C	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	B	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	A	6	6	7	7	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7

mat'l code				--				tolerances unless otherwise specified				CUSTOMER				FCJ			
ltr		ecn no.		dr		date		linear		0.X ±0.3		projection		COPY		www.fcjconnect.com			
CA								angles		0.XX ±0.13		MM		title		METRAL SIGNAL HEADER			
								dr		.XXX ±.051		MM		product family		METRAL			
								enrg		0° ±2°		A		size		70299			
								chr		T.BRUNGARD 11/19/99		scale		sheet		213			
								appd		M.STRAWSER 11/19/99		1:1		sheet		8			
sheet index		revision sheet								M.STRAWSER 02/29/00				cage code		22526			

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METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4									
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
70299-X71 AND 70299-X71LF	D	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	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	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	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	3	1
70299-X72 AND 70299-X72LF	D	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	3	2	2	2	2	2	2	3	
	C	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	3	2	2	2	2	2	2	3	
	B	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	3	2	2	2	2	2	2	3	
	A	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	3	2	2	2	2	2	2	3	
70299-X73 AND 70299-X73LF	D	2	2	2	2	2	3	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3		
	C	2	2	2	2	2	3	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3		
	B	2	2	2	2	2	3	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3		
	A	2	2	2	2	2	3	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3		
70299-X74 AND 70299-X74LF	D	1	-	-	-	1	1	1	1	1	1	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	1	1	1	1	-	1	1	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		
	A	1	1	1	1	1	-	1	2	2	2	2	1	2	1	1	1	-	1	1	1	1	1	1		
70299-X75 AND 70299-X75LF	D	5	5	5	5	5	5	5	5	6	6	6	6	6	6	7	7	7	6	6	6	6	6	6		
	C	7	5	6	6	6	6	6	6	6	6	6	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	6	6	6	6	6	6	6	6	6	6	6		
	A	7	6	6	6	6	6	7	7	7	7	7	7	6	6	6	6	6	6	6	6	6	6	6		

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

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2				MOD. 3				MOD. 4											
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
70299-X101 AND 70299-X101LF	D	2	2	2	2	2	2	2	1	2	2	2	1	2	2	2	2	1	9	1	9	2	3	2	2
	C	2	2	2	1	1	2	2	1	2	2	1	2	2	2	2	2	1	9	1	9	2	3	2	2
	B	2	2	2	2	2	2	2	2	2	2	1	9	2	2	2	2	2	1	9	1	2	3	2	2
	A	2	2	1	2	1	2	2	2	2	1	2	2	2	2	2	2	2	1	9	1	2	3	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2				MOD. 3				MOD. 4											
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
70299-X102 AND 70299-X102LF	D	1	1	1	1	1	1	1	1	1	1	3	3	2	2	2	2	2	3	3	2	2	2	2	1
	C	1	1	1	1	1	1	1	1	1	1	3	3	2	2	2	2	2	3	3	2	2	2	2	1
	B	1	1	1	1	1	1	1	1	1	1	3	3	2	2	2	2	2	3	3	2	2	2	2	1
	A	1	1	1	1	1	1	1	1	1	1	3	3	2	2	2	2	2	3	3	2	2	2	2	1

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2				MOD. 3				MOD. 4											
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
70299-X103 AND 70299-X103LF	D	2	2	2	2	2	2	2	2	2	2	2	3	3	2	1	1	2	1	1	2	1	2	2	3
	C	2	2	2	2	2	2	2	2	2	2	2	3	3	2	1	1	2	1	1	2	1	2	2	3
	B	2	2	2	2	2	2	2	2	2	2	2	3	3	2	1	1	2	1	1	2	1	2	2	3
	A	2	2	2	2	2	2	2	2	2	2	2	3	3	2	1	1	2	1	1	2	1	2	2	3



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mat'l code		--		tolerances unless otherwise specified		CUSTOMER		www.fcjconnect.com		
ltr	ecm no.	dr	date	linear	0.X ±0.3		COPY		title METRAL SIGNAL HEADER 4 MOD, 4 ROW PRESS-FIT	
CA					0.XX ±0.13		projection			
					.XXX ±.051					
				angles	0° ±2°				product family METRAL	
				dr	T.BRUNGARD	11/19/99	code			213
				engr	M.STRAWSER	11/19/99	size	dwg no		14
				chr	M.STRAWSER	11/19/99	scale	A	70299	
				appd	M.STRAWSER	02/29/00	1:1		sheet	
sheet index	revision sheet									