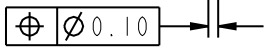
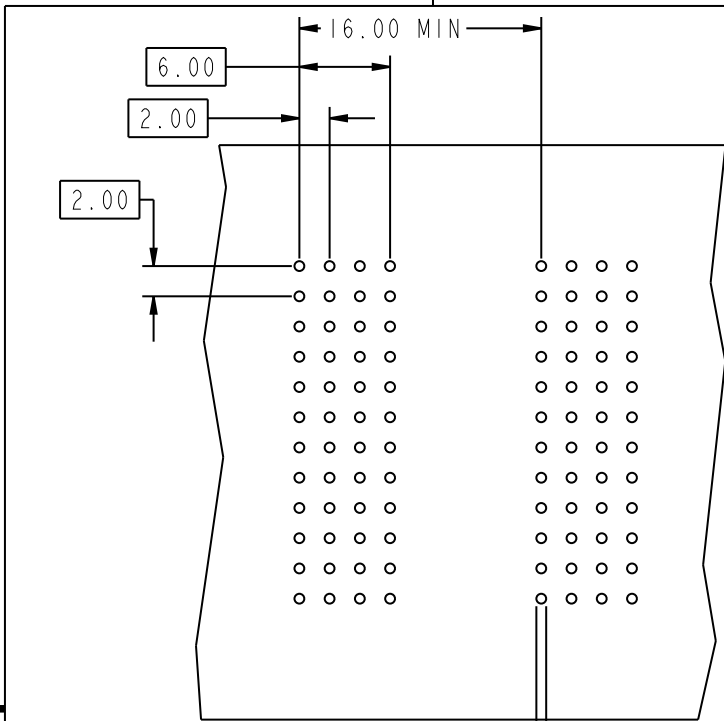




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REQUIRED PC BOARD LAYOUT
COMPONENT SIDE

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
19	8.00	4.30
20	8.00	13.60

mat'l code				tolerances unless otherwise specified		CUSTOMER		 www.fcjconnect.com		
ltr	ecn no.	dr	date	linear	0.X ±0.3	COPY		projection		
CD					0.XX ±0.13	MM				title METRAL SIGNAL HEADER 2 MOD, 4 ROW PRESS-FIT
					.XXX ±.051	1:1				
				angles	0° ±2°	scale		product family	code	
				dr	T.BRUNGARD	01/27/00	A		METRAL	213
				engr	M.STRAWSER	01/27/00	70298		size	sheet
				chr	M.STRAWSER	01/27/00			dwg no	2
				appd	M.STRAWSER	02/29/00				
sheet index	revision sheet									

cage code 22526

Pro/E

PDM: Rev:CD


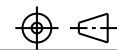

STATUS: Released

Printed: Sep 16, 2009

PRODUCT NUMBER	DESCRIPTION	PLATING IN PRESS FIT TAIL AREA	PERFORMANCE LEVEL OF PLATING IN CONTACT AREA
70298-AYY	STANDARD	Au FLASH	TELCORDIA CO (SEE NOTE 9)
70298-NIYY	STANDARD	TIN-LEAD	TELCORDIA CO (NXT)
70298--N5YY	STANDARD	TIN-LEAD	TECORDIA UE (NXT)
70298--1YY	STANDARD	TIN-LEAD	TELCORDIA CO
70298--2YY	STANDARD	TIN-LEAD	TELECOM CLASS
70298-3YY	STANDARD	TIN-LEAD	IEC CLASS I
70298-5YY	STANDARD	TIN-LEAD	TELCORDIA UE
70298-AYYLF	LEAD FREE	Au FLASH	TELCORDIA CO SEE NOTES 10 AND 11
70298-NIYYLF	LEAD FREE	TIN	TELCORDIA CO (NXT), IEC CLASS I, SEE NOTES 9 AND 10
70298-N5YYLF	LEAD FREE	TIN	TECORDIA UE (NXT) SEE NOTES 9 AND 10
70298-1YYLF	LEAD FREE	TIN	TELCORDIA CO, IEC CLASS I, SEE NOTES 9 AND 10
70298-2YYLF	LEAD FREE	TIN	TELECOM CLASS, SEE NOTES 9 AND 10
70298-5YYLF	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 70298-NI--- OR 70298-N5--- WILL WITHSTAND EXPOSURE TO 260 DEGREES C FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN PART NUMBERS 70298-NI--- AND 70298-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.fciconnect.com	
ltr	ecr no.	dr	date	linear	0.X ±0.3	COPY		title	
CD				angles	0.XX ±0.13	projection		METRAL SIGNAL HEADER	
				dr	.XXX ±.051			2 MOD, 4 ROW PRESS-FIT	
				enr	0° ±2°			product family	
				chr	T.BRUNGARD 01/27/00	scale		METRAL	
				appd	M.STRAWSER 01/27/00	1:1		code	
					M.STRAWSER 01/27/00	A		213	
					M.STRAWSER 02/29/00			sheet	
sheet index	revision sheet							3	



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METRAL P/N	ROW	CONTACT MOD.				CODE				MOD. 2			
		1	2	3	4	5	6	7	8	9	10	11	12
70298-X01 AND 70298-X01LF	D	1	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	4	4	4	4	4	4	4	4	4	4	4	4

METRAL P/N	ROW	CONTACT MOD.				CODE				MOD. 2			
		1	2	3	4	5	6	7	8	9	10	11	12
70298-X02 AND 70298-X02LF	D	-	1	1	1	-	1	-	1	-	1	-	1
	C	1	-	1	-	1	-	1	-	1	-	1	-
	B	-	1	1	1	-	1	-	1	-	1	-	1
	A	3	-	3	-	1	-	1	-	1	-	1	-

METRAL P/N	ROW	CONTACT MOD.				CODE				MOD. 2			
		1	2	3	4	5	6	7	8	9	10	11	12
70298-X03 AND 70298-X03LF	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	2	2	2	2	2	3	3	2	2	2	2	2

METRAL P/N	ROW	CONTACT MOD.				CODE				MOD. 2			
		1	2	3	4	5	6	7	8	9	10	11	12
70298-X04 AND 70298-X04LF	D	-	-	-	-	-	-	-	-	-	-	-	-
	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	1	1	1	1	1	1	1

METRAL P/N	ROW	CONTACT MOD.				CODE				MOD. 2			
		1	2	3	4	5	6	7	8	9	10	11	12
70298-X05 AND 70298-X05LF	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	3	3	3	3	3	3	3	3	3	3	3	3

METRAL P/N	ROW	CONTACT MOD.				CODE				MOD. 2			
		1	2	3	4	5	6	7	8	9	10	11	12
70298-X06 AND 70298-X06LF	D	1	2	2	2	2	1	1	2	2	2	2	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 MOD.				CODE				MOD. 2			
		1	2	3	4	5	6	7	8	9	10	11	12
70298-X07 AND 70298-X07LF	D	2	2	2	2	2	2	2	2	2	4	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	2	2	2	2	2	2	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT MOD.				CODE				MOD. 2			
		1	2	3	4	5	6	7	8	9	10	11	12
70298-X08 AND 70298-X08LF	D	2	2	2	2	2	2	2	2	2	2	1	2
	C	2	2	2	2	2	2	2	2	2	2	1	2
	B	2	2	2	2	2	2	2	2	2	2	1	2
	A	2	2	2	2	2	2	2	2	2	2	1	2

METRAL P/N	ROW	CONTACT MOD.				CODE				MOD. 2			
		1	2	3	4	5	6	7	8	9	10	11	12
70298-X09 AND 70298-X09LF	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	2	2	2	2	2	2	2	2	2	2	4	4

METRAL P/N	ROW	CONTACT MOD.				CODE				MOD. 2			
		1	2	3	4	5	6	7	8	9	10	11	12
70298-X10 AND 70298-X10LF	D	2	2	2	2	2	2	2	2	2	2	4	2
	C	2	2	2	2	2	2	2	2	2	2	4	2
	B	2	2	2	2	2	2	2	2	2	2	4	2
	A	2	2	2	2	2	2	2	2	2	2	4	2

METRAL P/N	ROW	CONTACT MOD.				CODE				MOD. 2			
		1	2	3	4	5	6	7	8	9	10	11	12
70298-X11 AND 70298-X11LF	D	4	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	2	2	2	2	2	2	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT MOD.				CODE				MOD. 2			
		1	2	3	4	5	6	7	8	9	10	11	12
70298-X12 AND 70298-X12LF	D	1	1	1	1	1	4	1	4	1	4	3	1
	C	1	1	1	1	1	4	1	4	3	3	1	1
	B	1	4	1	1	1	1	1	4	3	3	1	1
	A	1	1	1	1	1	4	1	4	1	4	3	3

METRAL P/N	ROW	CONTACT MOD.				CODE				MOD. 2			
		1	2	3	4	5	6	7	8	9	10	11	12
70298-X13 AND 70298-X13LF	D	1	4	1	1	1	4	1	1	1	1	1	4
	C	1	1	1	1	4	1	1	1	1	4	1	1
	B	1	1	4	1	1	1	1	4	1	1	1	1
	A	1	1	1	1	1	4	1	1	1	1	1	4

METRAL P/N	ROW	CONTACT MOD.				CODE				MOD. 2			
		1	2	3	4	5	6	7	8	9	10	11	12
70298-X14 AND 70298-X14LF	D	1	1	1	1	1	3	1	3	1	3	1	1
	C	1	1	1	1	1	3	1	3	1	3	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 MOD.				CODE				MOD. 2			
		1	2	3	4	5	6	7	8	9	10	11	12
70298-X15 AND 70298-X15LF	D	1	1	1	1	1	4	1	4	3	4	1	1
	C	1	1	1	1	1	4	1	4	3	3	1	1
	B	1	4	1	1	1	1	1	4	3	3	1	1
	A	1	1	1	1	1	4	1	4	3	4	3	3

mat'l code		--		tolerances unless otherwise specified		CUSTOMER		FCJ		www.fcjconnect.com	
ltr	ecr no.	dr	date	linear	0.X ±0.3	COPY		projection		title	
CD				angles	0.XX ±0.13	MM		METRAL SIGNAL HEADER		2 MOD, 4 ROW PRESS-FIT	
				dr	.XXX ±.051	T.BRUNGARD 01/27/00		product family		METRAL code	
				enrg	0° ±2°	M.STRAWSER 01/27/00		size		213	
				chr		M.STRAWSER 01/27/00		dwg no		sheet	
				appd		M.STRAWSER 02/29/00		A		4	
sheet index	revision sheet										

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METRAL P/N	ROW	CONTACT MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X16 AND 70298-X16LF	D	1	4	1	1	1	1	4	1
	C	1	1	1	1	4	1	1	1
	B	1	1	4	1	1	1	4	1
	A	4	4	1	1	1	4	1	1

METRAL P/N	ROW	CONTACT MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X17 AND 70298-X17LF	D	4	4	3	2	2	2	2	2
	C	1	4	3	2	2	2	2	2
	B	4	3	3	2	2	2	2	2
	A	4	3	3	2	2	2	2	2

METRAL P/N	ROW	CONTACT MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X18 AND 70298-X18LF	D	19	3	3	3	3	3	7	7
	C	19	3	3	3	3	3	7	7
	B	19	3	3	3	3	3	7	7
	A	19	3	3	3	3	3	7	7

METRAL P/N	ROW	CONTACT MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X19 AND 70298-X19LF	D	2	2	2	2	2	-	-	2
	C	2	2	2	2	2	-	-	2
	B	2	2	2	2	2	-	-	2
	A	2	2	2	2	2	-	-	2

METRAL P/N	ROW	CONTACT MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X20 AND 70298-X20LF	D	-	2	-	2	-	2	-	2
	C	2	-	2	-	2	-	2	-
	B	-	2	-	2	-	2	-	2
	A	2	-	2	-	2	-	2	-

METRAL P/N	ROW	CONTACT MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X21 AND 70298-X21LF	D	1	1	1	1	1	1	1	1
	C	1	1	1	1	1	1	1	1
	B	1	1	1	1	1	1	1	1
	A	1	1	4	1	1	1	1	4

METRAL P/N	ROW	CONTACT MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X22 AND 70298-X22LF	D	1	1	1	1	1	1	1	3
	C	1	1	1	1	1	1	1	3
	B	1	1	1	1	1	1	1	3
	A	1	1	1	1	1	1	1	3

METRAL P/N	ROW	CONTACT MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X23 AND 70298-X23LF	D	2	3	2	2	2	2	1	1
	C	2	3	2	2	2	2	1	1
	B	2	3	2	2	2	2	1	1
	A	2	3	2	2	2	2	1	1

METRAL P/N	ROW	CONTACT MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X24 AND 70298-X24LF	D	1	1	1	1	1	1	1	2
	C	2	1	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 MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X25 AND 70298-X25LF	D	-	2	-	2	-	2	-	2
	C	-	-	-	-	-	-	-	-
	B	-	-	-	-	-	-	-	-
	A	-	2	-	2	-	2	-	2

METRAL P/N	ROW	CONTACT MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X26 AND 70298-X26LF	D	-	6	-	6	-	6	-	6
	C	-	-	-	-	-	-	-	-
	B	-	-	-	-	-	-	-	-
	A	-	6	-	6	-	6	-	6

METRAL P/N	ROW	CONTACT MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X27 AND 70298-X27LF	D	3	3	-	3	3	-	3	3
	C	3	3	-	3	3	-	3	3
	B	-	-	-	-	-	-	-	-
	A	3	3	3	3	3	3	3	3

METRAL P/N	ROW	CONTACT MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X28 AND 70298-X28LF	D	1	2	2	2	3	1	3	2
	C	1	2	2	2	3	1	3	2
	B	1	2	2	2	3	1	3	2
	A	1	2	2	2	3	1	3	2

METRAL P/N	ROW	CONTACT MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X29 AND 70298-X29LF	D	2	3	2	2	2	2	2	3
	C	2	3	2	2	2	2	2	3
	B	2	3	2	2	2	2	2	3
	A	2	3	2	2	2	2	2	3

METRAL P/N	ROW	CONTACT MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X30 AND 70298-X30LF	D	2	2	3	2	3	2	2	3
	C	2	2	3	2	3	2	2	3
	B	2	2	3	2	3	2	2	3
	A	2	2	3	2	3	2	2	3

mat'l code		--		tolerances unless otherwise specified		CUSTOMER		FCJ	
ltr	ecr no.	dr	date	linear	0.X ±0.3	COPY		www.fcjconnect.com	
CD				angles	0.XX ±0.13	projection		title	
					.XXX ±.051			METRAL SIGNAL HEADER	
					0° ±2°			2 MOD, 4 ROW PRESS-FIT	
				dr	T.BRUNGARD 01/27/00	MM		product family	
				enrg	M.STRAWSER 01/27/00			METRAL	
				chr	M.STRAWSER 01/27/00	A		code	
				appd	M.STRAWSER 02/29/00	size		213	
sheet index	revision sheet					dwg no		5	
						70298			



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METRAL P/N	ROW	CONTACT MOD.				CODE				MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12		
70298-X31 AND 70298-X31LF	D	2	2	3	2	3	3	2	2	2	2	3	3	3	3
	C	2	2	3	2	3	3	2	2	2	2	3	3	3	3
	B	2	2	3	2	3	3	2	2	2	2	3	3	3	3
	A	2	2	3	2	3	3	2	2	2	2	3	3	3	3

METRAL P/N	ROW	CONTACT MOD.				CODE				MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12		
70298-X36 AND 70298-X36LF	D	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	-
	A	3	3	3	-	3	-	3	-	3	-	3	-	3	-

METRAL P/N	ROW	CONTACT MOD.				CODE				MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12		
70298-X41 AND 70298-X41LF	D	2	1	1	1	1	1	1	1	1	1	1	2	2	2
	C	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
	A	2	2	2	2	2	2	2	2	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT MOD.				CODE				MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12		
70298-X32 AND 70298-X32LF	D	2	2	2	1	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
	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

METRAL P/N	ROW	CONTACT MOD.				CODE				MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12		
70298-X37 AND 70298-X37LF	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	2	3	3	3	3	3

METRAL P/N	ROW	CONTACT MOD.				CODE				MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12		
70298-X42 AND 70298-X42LF	D	3	3	3	3	3	3	3	3	3	3	3	4	4	4
	C	3	3	3	3	3	3	3	3	3	3	3	4	4	4
	B	3	3	3	3	3	3	3	3	3	3	3	4	4	4
	A	3	3	3	3	3	3	3	3	3	3	3	4	4	4

METRAL P/N	ROW	CONTACT MOD.				CODE				MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12		
70298-X33 AND 70298-X33LF	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	4	4	3	3	3	3	3	3	3	3	3	3	3

METRAL P/N	ROW	CONTACT MOD.				CODE				MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12		
70298-X38 AND 70298-X38LF	D	2	3	3	3	3	3	3	3	3	3	3	3	3	3
	C	4	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

METRAL P/N	ROW	CONTACT MOD.				CODE				MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12		
70298-X43 AND 70298-X43LF	D	1	1	1	3	3	3	3	1	1	1	1	1	1	1
	C	1	1	1	3	3	3	3	1	1	1	1	1	1	1
	B	1	1	1	3	3	3	3	1	1	1	1	1	1	1
	A	1	1	1	3	3	3	3	1	1	1	1	1	1	1

METRAL P/N	ROW	CONTACT MOD.				CODE				MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12		
70298-X34 AND 70298-X34LF	D	19	3	3	3	3	3	19	3	3	3	2	1		
	C	19	3	3	3	3	3	19	3	3	3	2	1		
	B	19	3	3	3	3	3	19	3	3	3	2	1		
	A	19	3	3	3	3	3	19	3	3	3	2	1		

METRAL P/N	ROW	CONTACT MOD.				CODE				MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12		
70298-X39 AND 70298-X39LF	D	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
	B	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	A	7	8	7	7	7	7	7	7	7	7	7	7	7	7

METRAL P/N	ROW	CONTACT MOD.				CODE				MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12		
70298-X44 AND 70298-X44LF	D	2	2	2	1	1	3	1	1	1	1	1	1	1	1
	C	2	2	2	1	1	3	1	1	1	1	1	1	1	1
	B	2	2	2	1	1	3	1	1	1	1	1	1	1	1
	A	2	2	2	1	1	3	1	1	1	1	1	1	1	1

METRAL P/N	ROW	CONTACT MOD.				CODE				MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12		
70298-X35 AND 70298-X35LF	D	19	3	3	3	3	3	19	3	3	3	3	3	3	3
	C	19	3	3	3	3	3	19	3	3	3	3	3	3	3
	B	19	3	3	3	3	3	19	3	3	3	3	3	3	3
	A	19	3	3	3	3	3	19	3	3	3	3	3	3	3

METRAL P/N	ROW	CONTACT MOD.				CODE				MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12		
70298-X40 AND 70298-X40LF	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	4	4	3	3	3	3	3	3	3	3	3

METRAL P/N	ROW	CONTACT MOD.				CODE				MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12		
70298-X45 AND 70298-X45LF	D	2	2	1	1	1	1	1	1	1	1	1	1	2	2
	C	2	2	1	1	1	1	1	1	1	1	1	1	2	2
	B	2	2	1	1	1	1	1	1	1	1	1	1	2	2
	A	2	2	1	1	1	1	1	1	1	1	1	1	2	2

mat'l code		--		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
ltr	ecr no.	dr	date	linear	0.X ±0.3	COPY		projection		title	
CD				angles	0.XX ±0.13	MM		METRAL SIGNAL HEADER		2 MOD, 4 ROW PRESS-FIT	
					.XXX ±.051	scale		product family		code	
				dr	0° ±2°	1:1		METRAL		213	
				enrg	T.BRUNGARD 01/27/00			size		sheet	
				chr	M.STRAWSER 01/27/00			70298		6	
				appd	M.STRAWSER 02/29/00			A			
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
70298-X46 AND 70298-X46LF	D	3	2	2	3	1	2	3	2
	C	3	2	2	3	1	2	3	2
	B	3	2	2	3	1	2	3	2
	A	3	2	2	3	1	2	3	2

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X51 AND 70298-X51LF	D	1	1	2	2	2	2	2	1
	C	1	1	2	2	2	2	1	1
	B	1	1	2	2	2	2	1	1
	A	1	1	2	2	2	2	1	1

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X56 AND 70298-X56LF	D	6	7	6	6	6	6	6	6
	C	6	7	6	6	6	6	6	6
	B	6	7	6	6	6	6	6	6
	A	6	7	6	6	6	6	6	6

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X47 AND 70298-X47LF	D	2	2	3	1	1	3	2	1
	C	2	2	3	1	1	3	2	1
	B	2	2	3	1	1	3	2	1
	A	2	2	3	1	1	3	2	1

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X52 AND 70298-X52LF	D	2	2	3	2	2	2	2	1
	C	2	2	3	2	2	2	1	1
	B	2	2	3	2	2	2	1	1
	A	2	2	3	2	2	2	1	1

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X57 AND 70298-X57LF	D	3	2	2	3	3	3	3	3
	C	3	2	2	3	3	3	3	3
	B	3	2	2	3	3	3	3	3
	A	3	2	2	3	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X48 AND 70298-X48LF	D	2	2	3	2	2	2	3	2
	C	2	2	3	2	2	2	3	2
	B	2	2	3	2	2	2	3	2
	A	2	2	3	2	2	2	3	2

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X53 AND 70298-X53LF	D	2	2	2	2	2	2	3	2
	C	2	2	2	2	2	2	3	2
	B	2	2	2	2	2	2	3	2
	A	2	2	2	2	2	2	3	2

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X58 AND 70298-X58LF	D	3	3	3	3	3	3	2	2
	C	3	3	3	3	3	3	2	2
	B	3	3	3	3	3	3	2	2
	A	3	3	3	3	3	3	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X49 AND 70298-X49LF	D	2	2	2	1	1	1	2	2
	C	2	2	2	1	1	1	2	2
	B	2	2	2	1	1	1	2	2
	A	2	2	2	1	1	1	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X54 AND 70298-X54LF	D	2	2	3	2	3	2	1	1
	C	2	2	3	2	3	2	1	1
	B	2	2	3	2	3	2	1	1
	A	2	2	3	2	3	2	1	1

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X59 AND 70298-X59LF	D	3	3	2	2	2	2	2	4
	C	3	3	2	2	2	2	2	4
	B	3	3	2	2	2	2	2	4
	A	3	3	2	2	2	2	2	4

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X50 AND 70298-X50LF	D	2	2	3	2	2	2	1	1
	C	2	2	3	2	2	2	1	1
	B	2	2	3	2	2	2	1	1
	A	2	2	3	2	2	2	1	1

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X55 AND 70298-X55LF	D	6	6	6	6	6	6	6	6
	C	6	6	6	6	6	6	6	6
	B	6	6	6	6	6	6	6	6
	A	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
70298-X60 AND 70298-X60LF	D	4	4	4	4	4	4	4	3
	C	4	4	4	4	4	4	4	3
	B	4	4	4	4	4	4	4	3
	A	4	4	4	4	4	4	4	3

mat'l code		--		tolerances unless otherwise specified		CUSTOMER		FCJ	
ltr	ecr no.	dr	date	linear	0.X ±0.3	COPY		www.fcjconnect.com	
CD				angles	0.XX ±0.13	projection		title	
					.XXX ±.051			METRAL SIGNAL HEADER	
					0° ±2°			2 MOD, 4 ROW PRESS-FIT	
				dr	T.BRUNGARD 01/27/00	MM		product family	
				enrg	M.STRAWSER 01/27/00			METRAL	
				chr	M.STRAWSER 01/27/00	1:1		code	
				appd	M.STRAWSER 02/29/00	A		213	
sheet index	revision sheet							size	
								70298	
								sheet	
								7	

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METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X61 AND 70298-X61LF	D	8	3	4	3	3	4	3	3
	C	8	3	4	3	3	4	3	3
	B	8	3	4	3	3	4	3	3
	A	8	3	4	3	3	4	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X66 AND 70298-X66LF	D	2	2	2	2	2	2	2	2
	C	2	2	1	1	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
70298-X71 AND 70298-X71LF	D	2	2	2	2	1	1	1	1
	C	2	2	2	2	1	1	1	1
	B	2	2	2	2	1	1	1	1
	A	2	2	2	2	1	1	1	1

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X62 AND 70298-X62LF	D	1	1	1	1	1	1	1	1
	C	1	1	1	1	1	1	1	1
	B	1	1	1	1	1	1	1	1
	A	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
70298-X67 AND 70298-X67LF	D	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
	A	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
70298-X72 AND 70298-X72LF	D	3	2	1	2	2	2	2	3
	C	3	2	2	2	2	2	3	2
	B	3	2	2	2	2	2	3	2
	A	3	2	2	2	2	2	3	2

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X63 AND 70298-X63LF	D	1	1	1	1	1	1	3	2
	C	1	1	1	1	1	1	3	2
	B	1	1	1	1	1	1	3	2
	A	1	1	1	1	1	1	3	2

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X68 AND 70298-X68LF	D	4	4	4	4	4	4	3	3
	C	4	4	4	4	4	4	3	3
	B	4	4	4	4	4	4	3	3
	A	4	4	4	4	4	4	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X73 AND 70298-X73LF	D	2	2	2	2	2	2	2	2
	C	2	2	2	1	1	1	2	2
	B	2	2	2	1	1	1	2	2
	A	2	2	2	1	1	1	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X64 AND 70298-X64LF	D	20	7	8	8	7	7	6	6
	C	20	7	8	8	7	7	6	6
	B	20	7	8	8	7	7	6	6
	A	20	7	8	8	7	7	6	6

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X69 AND 70298-X69LF	D	3	2	2	2	2	2	3	2
	C	2	3	2	2	2	2	3	2
	B	2	3	2	2	2	2	3	2
	A	3	2	2	2	2	2	3	2

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X74 AND 70298-X74LF	D	3	-	-	2	-	1	2	2
	C	3	-	-	2	-	2	2	2
	B	3	-	-	2	-	2	2	2
	A	3	-	-	2	-	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X65 AND 70298-X65LF	D	20	8	7	6	6	6	6	6
	C	20	8	7	6	6	6	6	6
	B	20	8	7	6	6	6	6	6
	A	20	8	7	6	6	6	6	6

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X70 AND 70298-X70LF	D	3	2	2	1	2	2	3	2
	C	3	2	2	2	2	2	3	2
	B	3	2	2	2	2	2	3	2
	A	3	2	2	2	2	2	3	2

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X75 AND 70298-X75LF	D	3	-	-	2	-	2	2	2
	C	3	-	-	2	-	2	2	2
	B	3	-	-	2	-	2	2	2
	A	3	-	-	2	-	2	2	2

mat'l code		--		tolerances unless otherwise specified		CUSTOMER		FCJ	
ltr	ecn no.	dr	date	linear	0.X ±0.3	COPY		www.fcjconnect.com	
CD				angles	0.XX ±0.13	projection		title	
					.XXX ±.051			METRAL SIGNAL HEADER	
					0° ±2°			2 MOD, 4 ROW PRESS-FIT	
				dr	T.BRUNGARD 01/27/00	MM		product family	
				enrg	M.STRAWSER 01/27/00			METRAL	
				chr	M.STRAWSER 01/27/00	1:1		code	
				appd	M.STRAWSER 02/29/00	A		213	
sheet index	revision sheet							size	
								70298	
								sheet	
								8	



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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	
70298-X76 AND 70298-X76LF	D	2	2	2	2	2	2	2	2	2	2	2	-	-
	C	2	2	2	2	2	2	2	2	2	2	2	-	-
	B	2	2	2	2	2	2	2	2	2	2	2	-	-
	A	1	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	
70298-X81 AND 70298-X81LF	D	8	7	7	7	7	7	7	7	7	7	7	7	8
	C	8	7	7	7	7	7	7	7	7	7	7	7	8
	B	8	7	7	7	7	7	7	7	7	7	7	7	8
	A	8	7	7	7	7	7	7	7	7	7	7	7	8

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2								
		1	2	3	4	5	6	7	8	9	10	11	12	
70298-X86 AND 70298-X86LF	D	3	3	2	2	2	2	2	2	2	3	3	3	4
	C	3	3	2	2	2	2	2	2	2	3	3	3	4
	B	3	3	2	2	2	2	2	2	2	3	3	3	4
	A	3	3	2	2	2	2	2	2	2	3	3	3	4

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2								
		1	2	3	4	5	6	7	8	9	10	11	12	
70298-X77 AND 70298-X77LF	D	7	-	-	6	-	5	6	6	6	6	6	6	6
	C	7	-	-	6	-	6	6	6	6	6	6	6	6
	B	7	-	-	6	-	6	6	6	6	6	6	6	6
	A	7	-	-	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	
70298-X82 AND 70298-X82LF	D	2	2	3	3	3	2	2	2	2	4	3	3	4
	C	2	2	3	3	3	2	2	2	2	4	3	3	4
	B	2	2	3	3	3	2	2	2	2	4	3	3	4
	A	2	2	3	3	3	2	2	2	2	4	3	3	4

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2								
		1	2	3	4	5	6	7	8	9	10	11	12	
70298-X87 AND 70298-X87LF	D	2	2	2	2	2	2	2	2	2	2	2	2	4
	C	2	2	2	2	2	2	2	2	2	4	2	2	4
	B	2	2	2	2	2	2	2	2	2	4	2	2	4
	A	2	2	2	2	2	2	2	2	2	4	2	2	4

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2								
		1	2	3	4	5	6	7	8	9	10	11	12	
70298-X78 AND 70298-X78LF	D	6	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	6
	B	6	6	6	6	6	6	6	6	6	6	6	6	6
	A	5	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	
70298-X83 AND 70298-X83LF	D	2	2	3	2	2	2	2	2	2	2	4	3	3
	C	2	2	2	2	2	2	2	2	2	4	3	3	4
	B	2	2	2	2	2	2	2	2	2	4	3	3	4
	A	2	2	2	2	2	2	2	2	2	4	3	3	4

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2								
		1	2	3	4	5	6	7	8	9	10	11	12	
70298-X88 AND 70298-X88LF	D	20	7	7	7	7	7	20	7	7	7	6	5	
	C	20	7	7	7	7	7	20	7	7	7	6	5	
	B	20	7	7	7	7	7	20	7	7	7	6	5	
	A	20	7	7	7	7	7	20	7	7	7	6	5	

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2								
		1	2	3	4	5	6	7	8	9	10	11	12	
70298-X79 AND 70298-X79LF	D	3	-	-	2	6	6	6	6	6	6	6	6	6
	C	3	-	-	2	6	6	6	6	6	6	6	6	6
	B	3	-	-	2	6	6	6	6	6	6	6	6	6
	A	3	-	-	2	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	
70298-X84 AND 70298-X84LF	D	2	2	2	2	2	2	3	3	3	2	4	4	
	C	2	2	2	2	2	2	3	3	3	2	4	4	
	B	2	2	2	2	2	2	3	3	3	2	4	4	
	A	2	2	2	2	2	2	3	3	3	2	4	4	

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2								
		1	2	3	4	5	6	7	8	9	10	11	12	
70298-X89 AND 70298-X89LF	D	4	4	4	4	4	4	2	2	2	2	2	2	2
	C	4	4	4	4	4	4	2	2	2	2	2	2	2
	B	4	4	4	4	4	4	2	2	2	2	2	2	2
	A	19	19	19	19	19	19	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	
70298-X80 AND 70298-X80LF	D	6	6	6	6	6	6	6	6	6	6	6	-	-
	C	6	6	6	6	6	6	6	6	6	6	6	-	-
	B	6	6	6	6	6	6	6	6	6	6	6	-	-
	A	5	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	
70298-X85 AND 70298-X85LF	D	3	2	2	2	3	3	2	4	3	3	4	4	
	C	3	2	2	2	3	3	2	4	3	3	4	4	
	B	3	2	2	2	3	3	2	4	3	3	4	4	
	A	3	2	2	2	3	3	2	4	3	3	4	4	

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2								
		1	2	3	4	5	6	7	8	9	10	11	12	
70298-X90 AND 70298-X90LF	D	2	2	2	2	2	2	3	3	3	3	3	3	3
	C	2	2	2	2	2	2	3	3	3	3	3	3	3
	B	2	2	2	2	2	2	3	3	3	3	3	2	2
	A	2	2	2	2	2	2	3	3	3	3	3	3	3

mat'l code				--				tolerances unless otherwise specified				CUSTOMER		FCI		www.fciconnect.com					
ltr	ecr no.	dr	date	linear				0.X ±0.3				COPY		title		METRAL SIGNAL HEADER					
CD				angles				0.XX ±0.13				projection		2 MOD, 4 ROW PRESS-FIT							
				dr				.XXX ±.051				MM		product family		METRAL					
				enrg				0° ±2°				scale		size		code					
				chr				T.BRUNGARD 01/27/00				1:1		dwg no		213					
				appd				M.STRAWSER 01/27/00						70298		sheet					
								M.STRAWSER 02/29/00						9							
sheet index	revision sheet															cage code		22526		4	



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METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X91 AND 70298-X91LF	D	2	2	2	2	2	2	4	4
	C	2	2	2	2	2	2	4	4
	B	2	2	2	2	2	2	4	4
	A	2	2	2	2	2	2	19	19

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X92 AND 70298-X92LF	D	4	4	4	4	4	4	3	3
	C	4	4	4	4	4	4	3	3
	B	4	4	4	4	4	4	3	3
	A	19	19	19	19	19	19	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X93 AND 70298-X93LF	D	-	3	3	-	3	3	-	3
	C	3	-	3	-	3	3	-	3
	B	3	3	-	3	3	3	-	3
	A	-	3	3	-	3	3	-	3

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X94 AND 70298-X94LF	D	2	2	2	2	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
70298-X95 AND 70298-X95LF	D	1	1	1	1	1	1	3	3
	C	1	1	1	1	1	1	1	1
	B	1	1	1	1	1	1	1	1
	A	1	1	1	1	1	1	19	19

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X96 AND 70298-X96LF	D	5	5	5	5	5	5	5	20
	C	5	5	5	5	5	5	5	20
	B	5	5	5	5	5	5	5	20
	A	5	5	5	5	5	5	5	20

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X97 AND 70298-X97LF	D	1	1	19	1	19	5	5	5
	C	1	1	19	1	19	5	5	5
	B	1	1	19	1	19	5	5	5
	A	1	1	19	1	19	5	5	5

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X98 AND 70298-X98LF	D	1	1	19	1	19	1	1	1
	C	1	1	19	1	19	1	1	1
	B	1	1	19	1	19	1	1	1
	A	1	1	19	1	19	1	1	1

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X99 AND 70298-X99LF	D	1	1	1	1	3	3	3	3
	C	1	1	1	1	1	1	1	1
	B	1	1	1	1	1	1	1	1
	A	1	1	1	1	1	1	19	19

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X100 AND 70298-X100LF	D	1	5	1	1	1	1	20	5
	C	1	5	1	1	1	1	20	5
	B	5	5	1	1	1	1	20	5
	A	5	5	1	1	1	1	20	5

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X101 AND 70298-X101LF	D	1	1	19	1	19	19	19	1
	C	1	1	19	1	19	19	19	1
	B	1	1	19	1	19	1	19	1
	A	1	1	19	1	19	1	19	1

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X102 AND 70298-X102LF	D	2	2	2	2	2	2	2	19
	C	2	2	2	2	2	2	2	19
	B	2	2	2	2	2	2	2	19
	A	1	2	2	1	1	2	2	19

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X103 AND 70298-X103LF	D	6	6	6	6	20	6	6	6
	C	6	6	6	6	20	6	6	6
	B	6	6	6	6	20	6	6	6
	A	6	6	6	6	20	6	6	6

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X104 AND 70298-X104LF	D	2	2	2	2	19	2	3	2
	C	2	2	2	2	19	2	3	2
	B	2	2	2	2	19	2	3	2
	A	1	19	2	1	2	19	2	3

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X105 AND 70298-X105LF	D	6	6	6	6	6	20	6	7
	C	6	6	6	6	6	20	6	7
	B	6	6	6	6	6	20	6	7
	A	5	20	6	5	6	20	6	7

mat'l code		--		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecr no.	dr	date	linear	0.X ±0.3	COPY		www.fciconnect.com	
CD				angles	0.XX ±0.13	projection	title		
					.XXX ±.051		METRAL SIGNAL HEADER		
					0° ±2°		2 MOD, 4 ROW PRESS-FIT		
		dr	T.BRUNGARD	01/27/00		MM	product family	METRAL	code
		enr	M.STRAWSER	01/27/00		← MM →	size	dwg no	213
		chr	M.STRAWSER	01/27/00		scale	A	70298	sheet
		appd	M.STRAWSER	02/29/00	1:1	10			
sheet index	revision sheet								

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METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X106 AND 70298-X106LF	D	3	2	2	2	1	1	3	1
	C	3	2	2	2	1	1	3	1
	B	3	2	2	2	1	1	3	1
	A	3	2	2	2	1	1	3	1

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X107 AND 70298-X107LF	D	7	6	5	5	5	5	5	7
	C	7	6	5	5	5	5	5	7
	B	7	6	5	5	5	5	5	7
	A	7	6	5	5	5	5	5	7

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X108 AND 70298-X108LF	D	3	2	3	2	2	2	1	1
	C	3	2	3	2	2	2	1	1
	B	3	2	3	2	2	2	1	1
	A	3	2	3	2	2	2	1	1

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X109 AND 70298-X109LF	D	1	2	2	1	1	3	2	2
	C	1	2	2	1	1	3	2	2
	B	1	2	2	1	1	3	2	2
	A	1	2	2	1	1	3	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X110 AND 70298-X110LF	D	1	1	1	1	1	2	1	2
	C	1	1	1	1	1	2	1	2
	B	1	1	1	1	1	2	1	2
	A	1	1	1	1	1	2	1	2

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X111 AND 70298-X111LF	D	3	3	2	2	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	3	2

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X112 AND 70298-X112LF	D	3	2	2	1	1	1	2	1
	C	3	2	2	2	1	1	1	1
	B	3	2	2	1	2	2	1	1
	A	3	2	2	1	2	2	1	1

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X113 AND 70298-X113LF	D	2	2	1	2	1	1	2	1
	C	2	2	1	2	1	1	1	2
	B	2	2	1	2	1	1	1	2
	A	2	2	1	2	1	1	1	2

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X114 AND 70298-X114LF	D	2	2	3	1	1	2	2	2
	C	2	2	3	2	2	2	2	2
	B	2	2	3	2	2	2	2	2
	A	1	2	3	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X115 AND 70298-X115LF	D	2	2	2	1	1	9	2	3
	C	2	2	2	1	1	9	2	3
	B	2	2	2	1	1	9	2	3
	A	2	2	2	1	1	9	2	3

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X116 AND 70298-X116LF	D	2	2	2	1	1	9	2	3
	C	2	2	2	1	1	9	2	3
	B	2	2	2	1	1	9	2	3
	A	2	2	2	1	1	9	2	3

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X117 AND 70298-X117LF	D	6	6	6	6	2	0	6	7
	C	6	6	6	6	2	0	6	7
	B	6	6	6	6	2	0	6	7
	A	6	6	6	6	2	0	6	7

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X118 AND 70298-X118LF	D	2	2	2	2	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
70298-X119 AND 70298-X119LF	D	3	2	2	2	2	2	2	2
	C	3	2	2	2	2	2	2	2
	B	3	2	2	2	2	2	2	2
	A	3	2	2	2	2	2	2	1

mat'l code		--		tolerances unless otherwise specified		CUSTOMER		FCJ	
ltr	ecr no.	dr	date	linear	0.X ±0.3	COPY		www.fcjconnect.com	
CD				angles	0.XX ±0.13	projection		title	
					.XXX ±.051			METRAL SIGNAL HEADER	
					0° ±2"			2 MOD, 4 ROW PRESS-FIT	
		dr	T.BRUNGARD	01/27/00	MM		product family		code
		enrg	M.STRAWSER	01/27/00			METRAL		213
		chr	M.STRAWSER	01/27/00	scale		size		sheet
		appd	M.STRAWSER	02/29/00	1:1		dwg no		11
sheet index	revision sheet						70298		