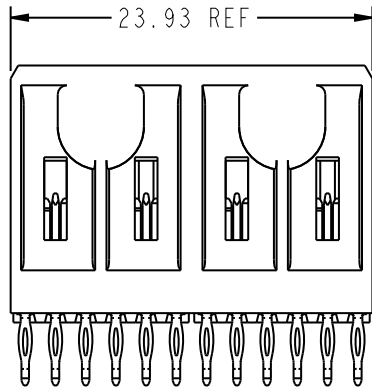
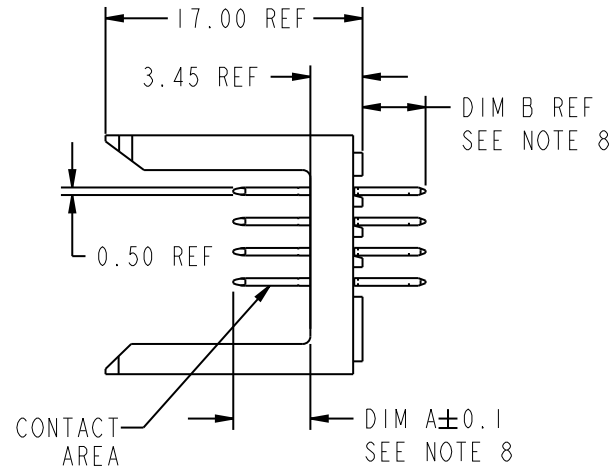
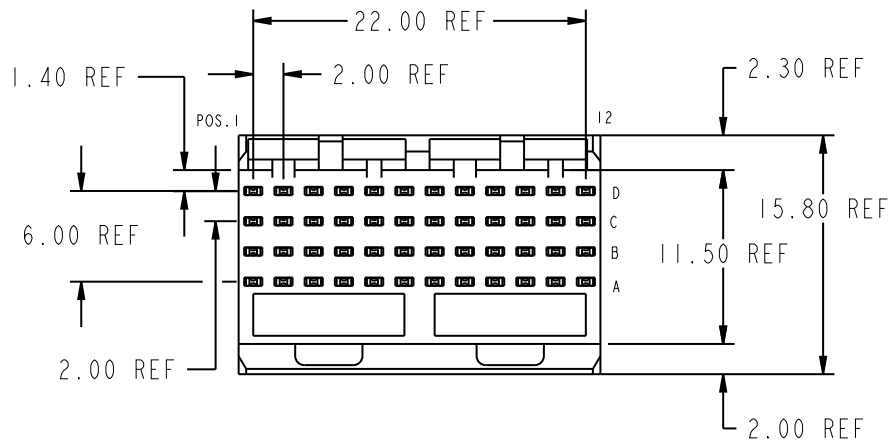

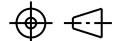



PRODUCT NUMBER  
SEE TABLE

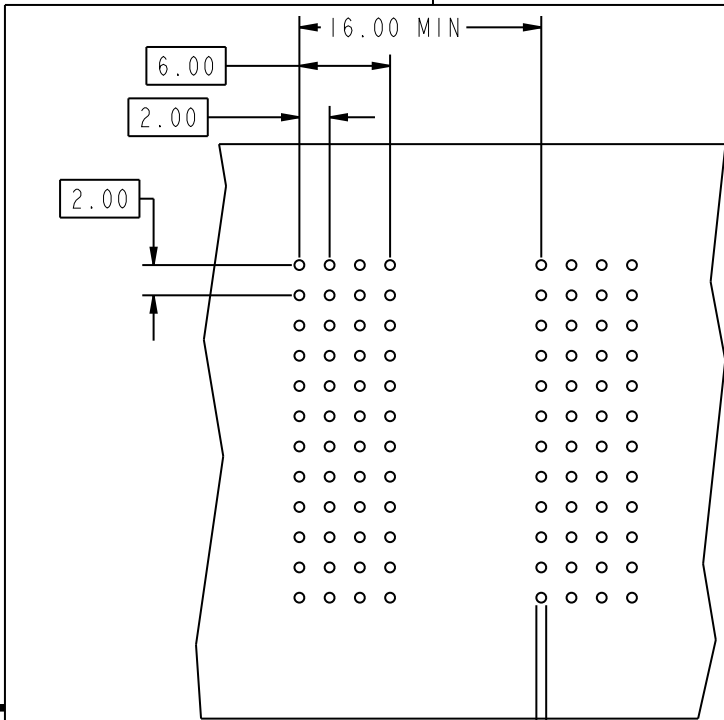


mat'l code				SEE NOTES				tolerances unless otherwise specified				CUSTOMER				 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0.X ±0.3				COPY				 title METRAL SIGNAL HEADER 2 MOD, 4 ROW PRESS-FIT		product family METRAL code 213		
BY	V06-0498	DCH	2006-05-31		0.XX ±0.13				projection								
CA	DG07-0487	Cenh	12/05/07		.XXX ±.051				 MM								
CB	DG08-0188	TER	2008-11-25	angles	0° ±2°				scale				size A 70298		sheet 1 of 11		
CC	DG08-0346	Cenh	2008-12-12		dr	T.BRUNGARD	01/27/00	2:1									
CD	DG09-0256	TER	2009-08-19	enrg	M.STRAWSER	01/27/00					coge code 22526		sheet 1 of 11				
-	-	-	-	chr	M.STRAWSER	01/27/00											
BX	V05-1030	LP	11/18/05	appd	M.STRAWSER	02/29/00											
sheet index	revision sheet	CD	CD	CD	CD	CD	CD	CD	CD	CD	CD	CD	CD	CD	CD	CD	

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⊕ ∅ 0.10

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


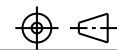

mat'l code				tolerances unless otherwise specified		CUSTOMER		 www.fcjconnect.com		
ltr	ecm no.	dr	date	linear	0.X ±0.3	COPY		projection		
CD					0.XX ±0.13	MM				title METRAL SIGNAL HEADER 2 MOD, 4 ROW PRESS-FIT
					.XXX ±.051	1:1				
				angles	0° ±2°	product family		code		
				dr	T.BRUNGARD 01/27/00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

cage code 22526

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:

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 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	
								cage code	
								22526	

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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	scale		product family		code	
				enrg	0° ±2°	1:1		METRAL		213	
				chr	T.BRUNGARD 01/27/00			size		sheet	
				appr	M.STRAWSER 01/27/00			70298		4	
					M.STRAWSER 01/27/00			A			
					M.STRAWSER 02/29/00						
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-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-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-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-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-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-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-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-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-X19 AND 70298-X19LF	D	2	2	2	2	2	-	2	2
	C	2	2	2	2	2	-	2	2
	B	2	2	2	2	2	-	2	2
	A	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-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-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-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-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-X30 AND 70298-X30LF	D	2	2	3	2	2	2	2	3
	C	2	2	3	2	2	2	2	3
	B	2	2	3	2	2	2	2	3
	A	2	2	3	2	2	2	2	3

mat'l code		--		tolerances unless otherwise specified		CUSTOMER		FCJ	
lfr	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		→		code	
		appd	M.STRAWSER	02/29/00		scale		213	
						1:1		size	
sheet	revision					A		70298	
index	sheet							sheet	
								5	



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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	
				dr	0° ±2°	1:1		size		METRAL	
				enrg	T.BRUNGARD 01/27/00			dwg no		code	
				chr	M.STRAWSER 01/27/00			70298		213	
				appd	M.STRAWSER 02/29/00			A		sheet	
sheet index	revision sheet									6	

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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	2	1
	B	2	2	3	2	2	2	2	1
	A	2	2	3	2	2	2	2	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	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-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	
lfr	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							7	
								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	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	
				dr	0° ±2°			2 MOD, 4 ROW PRESS-FIT	
				enr	T.BRUNGARD 01/27/00	MM		product family	
				chr	M.STRAWSER 01/27/00	1:1		METRAL	
				appd	M.STRAWSER 02/29/00	A		code	
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
70298-X76 AND 70298-X76LF	D	2	2	2	2	2	2	2	-
	C	2	2	2	2	2	2	2	-
	B	2	2	2	2	2	2	2	-
	A	1	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-X81 AND 70298-X81LF	D	8	7	7	7	7	7	7	8
	C	8	7	7	7	7	7	7	8
	B	8	7	7	7	7	7	7	8
	A	8	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
70298-X86 AND 70298-X86LF	D	3	3	2	2	2	2	3	4
	C	3	3	2	2	2	2	3	4
	B	3	3	2	2	2	2	3	4
	A	3	3	2	2	2	2	3	4

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

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

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

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

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

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

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

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70298-X89 AND 70298-X89LF	D	4	4	4	4	4	2	2	2
	C	4	4	4	4	4	2	2	2
	B	4	4	4	4	4	2	2	2
	A	19	19	19	19	19	2	2	2

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

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

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



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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	19	19	1
	A	1	1	19	1	19	19	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		←→	size	70298	213
		chr	M.STRAWSER	01/27/00		scale	dwg no		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	1
	C	1	1	1	1	1	2	1	1
	B	1	1	1	1	1	2	1	1
	A	1	1	1	1	1	2	1	1

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	2	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	1	1	1
	A	3	2	2	1	2	1	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	2

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	scale		code	
				appd	M.STRAWSER 02/29/00	1:1		213	
sheet	revision					size		sheet	
index	sheet					A		11	
						70298			
						cage code		4	
						22526			