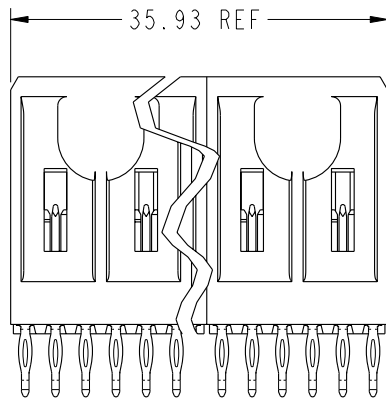
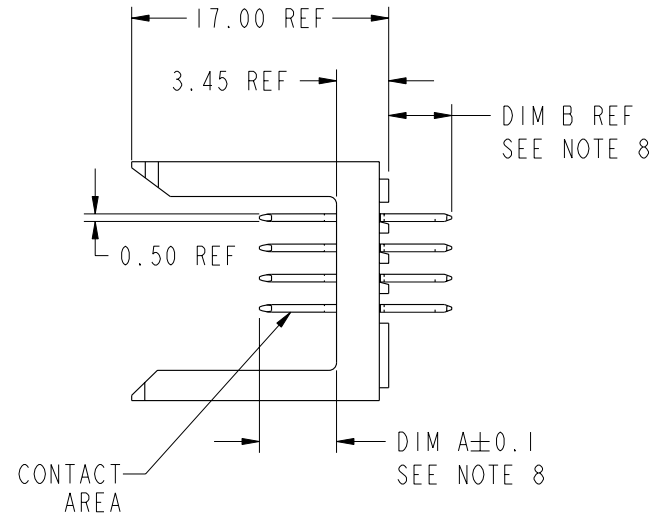
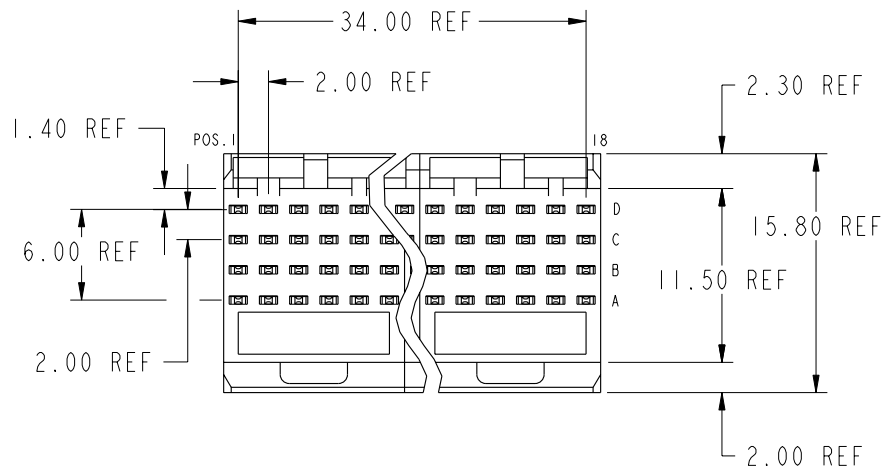


PRODUCT NUMBER

SEE TABLE

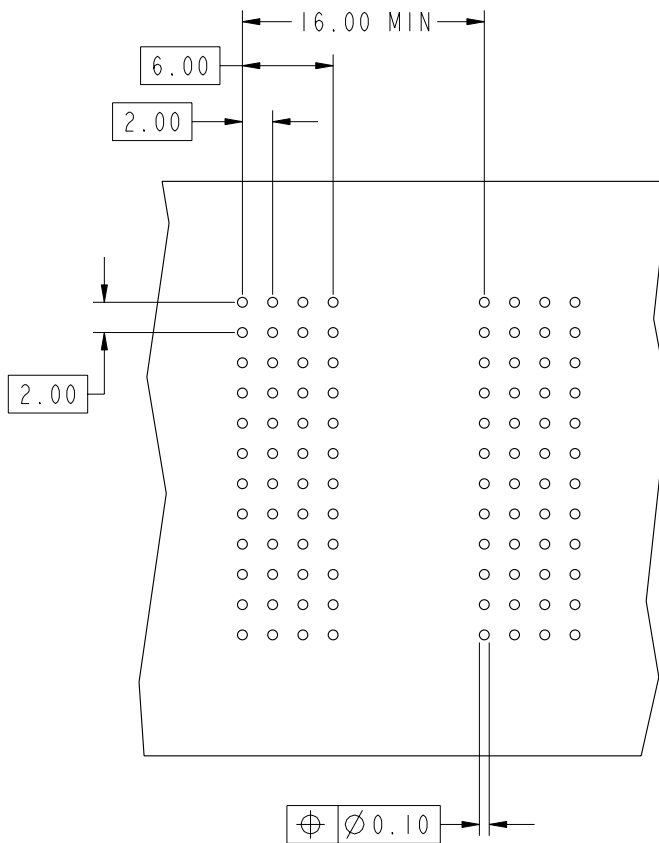


mat'l code				SEE NOTES				tolerances unless otherwise specified				CUSTOMER		
ltr	ecn no.	dr	date	linear	0.X ±0.3				COPY			www.fciconnect.com title METRAL SIGNAL HEADER 3 MOD, 4 ROW PRESS-FIT		
P	V06-0498	DCH	2006-06-02		0.XX ±0.13				projection					
-	-	-	-		.XXX ±.051									
J	V03-0023	TAB	02/06/03	angles	0° ±2°									
K	V03-1319	DAI	12/16/03	dr	T.BRUNGARD	11/19/99	MM		product family		METRAL	code		
L	V04-0617	TAB	07/07/04	enr	M.STRAWSER	11/19/99	←		size	dwg no	70451	213		
M	V05-0119	HTB	02/02/05	chr	M.STRAWSER	11/19/99	→		scale	A	1 of 10			
N	V05-0361	VS	04/30/05	appd	M.STRAWSER	02/29/00	2:1							
sheet	revision	P	P	P	P	P	P	P	P	P				
index	sheet	1	2	3	4	5	6	7	8	9	10			

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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
9	5.00	17.00
10	5.75	17.00
11	6.50	17.00
12	7.25	17.00
13	8.25	4.30
14	8.25	13.60
15	8.25	17.00
19	8.00	4.30
20	8.00	13.60
21	8.00	17.00

mat'l code				--		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecr no.	dr	date	linear	0.X ±0.3		COPY		 projection	title	
P					0.XX ±0.13		MM			METRAL SIGNAL HEADER	
					.XXX ±.051		 MM			3 MOD, 4 ROW PRESS-FIT	
				angles	0° ±2°		scale		product family		
				dr	T.BRUNGARD	11/19/99	1:1		METRAL		
				engr	M.STRAWSER	11/19/99			code		
				chr	M.STRAWSER	11/19/99			213		
				appd	M.STRAWSER	02/29/00			sheet		
sheet index		revision sheet						A		70451	
										2	


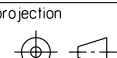

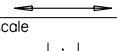
cage code 22526

PRODUCT NUMBER	DESCRIPTION	PLATING IN PRESS FIT TAIL AREA	PERFORMANCE LEVEL OF PLATING IN CONTACT AREA
70451-NIYYY	STANDARD	TIN-LEAD	TELCORDIA CO (NXT)
70451-N5YYY	STANDARD	TIN-LEAD	TECORDIA UE (NXT)
70451-1YYY	STANDARD	TIN-LEAD	TELCORDIA CO
70451-2YYY	STANDARD	TIN-LEAD	TELECOM CLASS
70451-3YYY	STANDARD	TIN-LEAD	IEC CLASS 1
70451-5YYY	STANDARD	TIN-LEAD	TELCORDIA UE
70451-9YYY	STANDARD	TIN-LEAD	TELCORDIA CO
70451-NIYYLFF	LEAD FREE	TIN	TELCORDIA CO (NXT), IEC CLASS 1, SEE NOTES 9 AND 10
70451-N5YYLFF	LEAD FREE	TIN	TECORDIA UE (NXT) SEE NOTES 9 AND 10
70451-1YYLFF	LEAD FREE	TIN	TELCORDIA CO, IEC CLASS 1, SEE NOTES 9 AND 10
70451-2YYLFF	LEAD FREE	TIN	TELECOM CLASS, SEE NOTES 9 AND 10
70451-5YYLFF	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 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, SUFFIX "P" WILL BE ADDED TO THE END OF THE PART NUMBER. EXAMPLE: XXXXX-XXXXP OR XXXXX-XXXXPLF
- PRODCUT SPECIFICATION: GS-12-180 APPLICATION SPECIFICATION: BUS-20-073

- AFTER INSERTION INTO CIRCUIT BOARD WITH QUALIFIED TOOL.
- 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 70451-N1--- OR 70451-N5--- WILL WITHSTAND EXPOSURE TO 260 DEGREES C FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN. PART NUMBERS 70451-N1--- AND 70451-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	ecn no.	dr	date	linear	0.X ±0.3	COPY		 title METRAL SIGNAL HEADER 3 MOD, 4 ROW PRESS-FIT	
P					0.XX ±0.13	projection			
					.XXX ±.051	 0° ±2°			
				angles	0° ±2°	 MM		product family METRAL code	
				dr	T.BRUNGARD	11/19/99	size		213
				engr	M.STRAWSER	11/19/99	dwg no		sheet
				chr	M.STRAWSER	11/19/99	A		3
				appd	M.STRAWSER	02/29/00	70451		
sheet index	revision sheet						scale 1:1		

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METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3											
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18				
70451-X010 AND 70451-X010LF	D	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	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
	A	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3

mat'l code		--		tolerances unless otherwise specified		CUSTOMER	www.fciconnect.com title METRAL SIGNAL HEADER 3 MOD, 4 ROW PRESS-FIT product family METRAL code 213 size dwg no 70451 sheet 4
ltr	ecr no.	dr	date	linear	0.X ± 0.3	COPY	
P				angles	0.XX ± 0.13	projection	
				dr	.XXX ± 0.051		
				enrg	0° ± 2°		scale
				chr	T.BRUNGARD 11/19/99	1:1	
				appd	M.STRAWSER 11/19/99		
sheet index	revision sheet				M.STRAWSER 02/29/00		

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3							
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
70451-X040 AND 70451-X040LF	D	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
	B	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	A	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3							
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
70451-X045 AND 70451-X045LF	D	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	C	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	B	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	A	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							
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
70451-X050 AND 70451-X050LF	D	6	6	6	6	6	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	6	6	6	6	6
	B	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
	A	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3							
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
70451-X041 AND 70451-X041LF	D	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
	B	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

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3							
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
70451-X046 AND 70451-X046LF	D	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
	C	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
	A	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3							
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
70451-X051 AND 70451-X051LF	D	6	6	6	6	6	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	6	6	6	6	6
	B	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	A	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3							
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
70451-X042 AND 70451-X042LF	D	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
	B	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	A	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3							
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
70451-X047 AND 70451-X047LF	D	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	C	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	B	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
	A	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3							
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
70451-X052 AND 70451-X052LF	D	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
	B	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	A	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3							
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
70451-X043 AND 70451-X043LF	D	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
	C	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
	A	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3							
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
70451-X048 AND 70451-X048LF	D	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
	C	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
	B	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
	A	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3							
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
70451-X053 AND 70451-X053LF	D	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
	C	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
	A	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							
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
70451-X044 AND 70451-X044LF	D	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	C	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	B	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	A	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3							
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
70451-X049 AND 70451-X049LF	D	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	C	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
	A	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3							
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
70451-X054 AND 70451-X054LF	D	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	C	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	B	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
	A	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			 www.fcconnect.com		
ltr	ecn no.	dr	date		0.X ±0.3				COPY					
P					0.XX ±0.13				projection			 title METRAL SIGNAL HEADER 3 MOD, 4 ROW PRESS-FIT		
					.XXX ±.051				 product family METRAL code 213					
					0° ±2°							 size A 70451 sheet 6		
					dr	T.BRUNGARD	11/19/99	 scale 1:1			sheet			

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Table with METRAL P/N, CONTACT CODE MOD. 1, MOD. 2, MOD. 3, and ROW (D, C, B, A) columns. Values are mostly 5s.

Table with METRAL P/N, CONTACT CODE MOD. 1, MOD. 2, MOD. 3, and ROW (D, C, B, A) columns. Values are mostly 10s.

Table with METRAL P/N, CONTACT CODE MOD. 1, MOD. 2, MOD. 3, and ROW (D, C, B, A) columns. Values are mostly 9s.

Table with METRAL P/N, CONTACT CODE MOD. 1, MOD. 2, MOD. 3, and ROW (D, C, B, A) columns. Values are mostly 20s.

Table with METRAL P/N, CONTACT CODE MOD. 1, MOD. 2, MOD. 3, and ROW (D, C, B, A) columns. Values are mostly 10s.

Table with METRAL P/N, CONTACT CODE MOD. 1, MOD. 2, MOD. 3, and ROW (D, C, B, A) columns. Values are mostly 21s.

Table with METRAL P/N, CONTACT CODE MOD. 1, MOD. 2, MOD. 3, and ROW (D, C, B, A) columns. Values are mostly 8s and 14s.

Table with METRAL P/N, CONTACT CODE MOD. 1, MOD. 2, MOD. 3, and ROW (D, C, B, A) columns. Values are mostly 9s and 10s.

Table with METRAL P/N, CONTACT CODE MOD. 1, MOD. 2, MOD. 3, and ROW (D, C, B, A) columns. Values are mostly 12s, 15s, and 10s.

Table with METRAL P/N, CONTACT CODE MOD. 1, MOD. 2, MOD. 3, and ROW (D, C, B, A) columns. Values are mostly 20s.

Table with METRAL P/N, CONTACT CODE MOD. 1, MOD. 2, MOD. 3, and ROW (D, C, B, A) columns. Values are mostly 15s and 11s.

Table with METRAL P/N, CONTACT CODE MOD. 1, MOD. 2, MOD. 3, and ROW (D, C, B, A) columns. Values are mostly 21s.

Table with METRAL P/N, CONTACT CODE MOD. 1, MOD. 2, MOD. 3, and ROW (D, C, B, A) columns. Values are mostly 8s and 7s.

Table with METRAL P/N, CONTACT CODE MOD. 1, MOD. 2, MOD. 3, and ROW (D, C, B, A) columns. Values are mostly 10s and 12s.

Table with METRAL P/N, CONTACT CODE MOD. 1, MOD. 2, MOD. 3, and ROW (D, C, B, A) columns. Values are mostly 12s and 11s.

Technical drawing header table containing mat'l code, tolerances, customer info, FCi logo, title (METRAL SIGNAL HEADER), product family, size, and sheet number (7).

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METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2				MOD. 3											
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		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		
70451-X089 AND 70451-X089LF	D	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	C	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
	B	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
	A	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											
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		
70451-X090 AND 70451-X090LF	D	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
	C	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	B	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	A	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2				MOD. 3											
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		
70451-X091 AND 70451-X091LF	D	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
	C	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
	B	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
	A	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2				MOD. 3											
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		
70451-X092 AND 70451-X092LF	D	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	C	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
	B	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
	A	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2				MOD. 3											
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		
70451-X093 AND 70451-X093LF	D	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	C	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
	B	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	A	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2				MOD. 3											
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		
70451-X094 AND 70451-X094LF	D	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	C	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
	B	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
	A	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2				MOD. 3											
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		
70451-X095 AND 70451-X095LF	D	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	C	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	B	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	A	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2				MOD. 3											
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		
70451-X096 AND 70451-X096LF	D	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
	C	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
	B	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
	A	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2				MOD. 3											
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		
70451-X097 AND 70451-X097LF	D	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	C	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
	B	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
	A	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2				MOD. 3											
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		
70451-X098 AND 70451-X098LF	D	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
	C	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
	B	11	11	11	11	11	11	11</													

1 | 2

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METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3							
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
70451-X300 AND 70451-X300LF	D	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
	B	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	A	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19

A


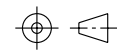

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ltr	ecn no.	dr	date	linear	COPY		 title METRAL SIGNAL HEADER 3 MOD, 4 ROW PRESS-FIT		
P					0.X ±0.3				
					0.XX ±0.13				
				angles	.XXX ±.051		 product family METRAL code		
					0° ±2°				
		dr	T.BRUNGARD	11/19/99	MM		size	dwg no	
		engr	M.STRAWSER	11/19/99	← MM →		A	70451	
		chr	M.STRAWSER	11/19/99	scale				sheet
		appd	M.STRAWSER	02/29/00	1:1				10
sheet index	revision sheet								

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