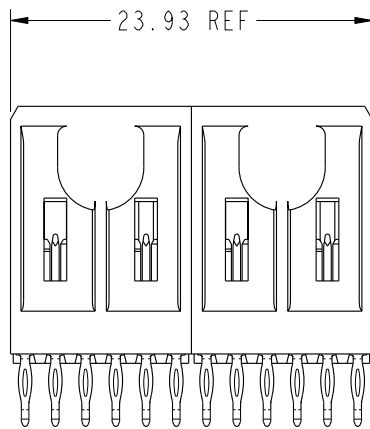
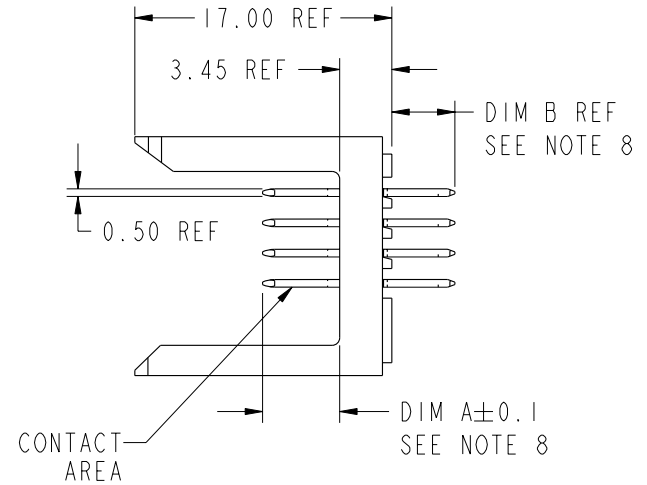
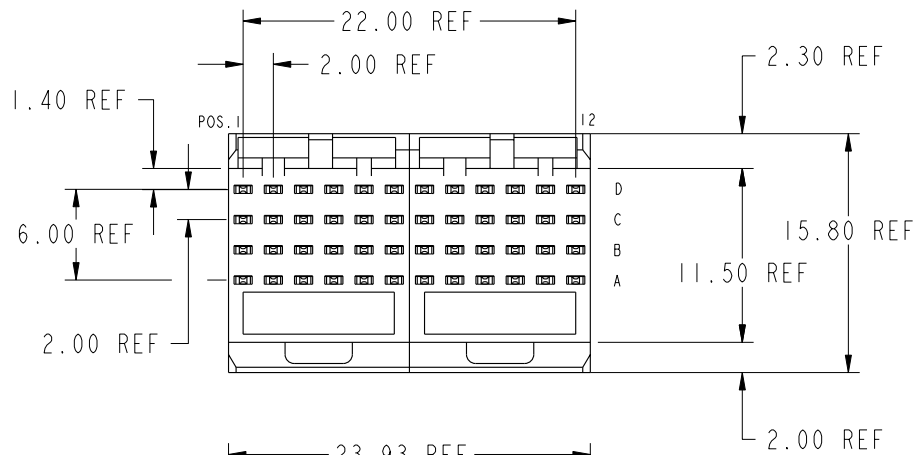


PRODUCT NUMBER

SEE TABLE



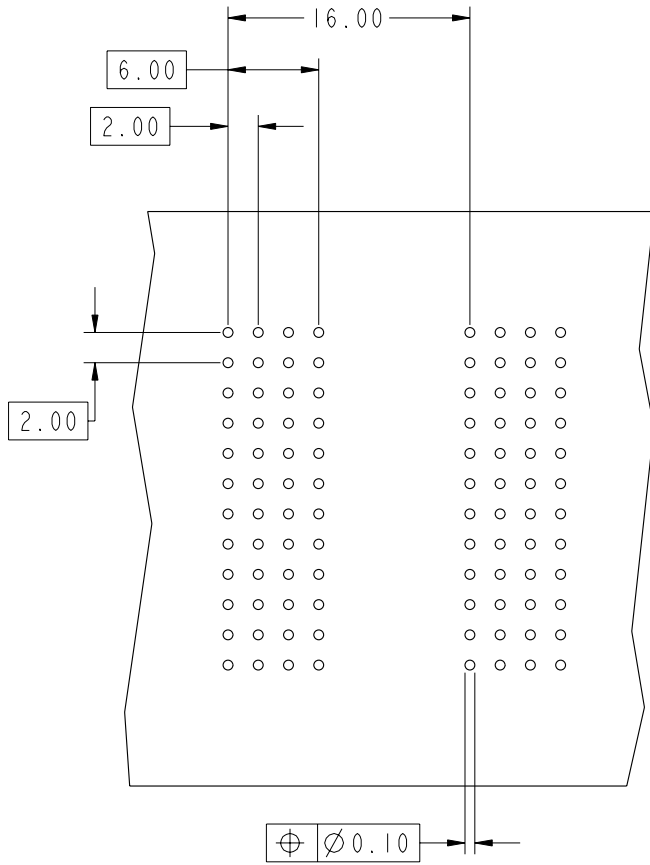
mat'l code				SEE NOTES			tolerances unless otherwise specified			CUSTOMER		FCI		www.fciconnect.com			
ltr	ecn no.	dr	date	linear	0.X ±0.3			COPY				title METRAL SIGNAL HEADER 2 MOD, 4 ROW PRESS-FIT		product family METRAL		code 213	
R	V06-0569	DCH	2006-06-12		0.XX ±0.13			projection									
-	-	-	-		.XXX ±.051												
K	V03-0868	HTB	08/05/03	angles	0° ±2°					product family METRAL		code 213					
L	V03-1193	HTB	11/04/03	dr	T.BRUNGARD	11/19/99	scale 2:1		size A		dwg no 85714		sheet 1 of 6				
M	V03-1320	TAB	12/16/03	enrg	M.STRAWSER	11/19/99											
N	V04-0786	DAI	08/24/04	chr	M.STRAWSER	11/19/99											
P	V05-0365	VS	05/06/05	appd	M.STRAWSER	02/29/00											
sheet	revision	R	R	R	R	R	R										
index	sheet	1	2	3	4	5	6										



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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
22	5.00	12.10
25	5.75	15.60
31	5.75	12.90
40	5.00	15.60
41	6.50	15.60
42	7.25	15.60
43	8.00	15.60
45	6.50	12.10
48	5.00	15.10
59	5.00	11.80
60	5.75	11.80
61	6.50	11.80
62	7.25	11.80
63	8.00	11.80
64	5.75	14.90

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0.X ±0.3	COPY		projection	title METRAL SIGNAL HEADER 2 MOD, 4 ROW PRESS-FIT
R					0.XX ±0.13	MM			
					.XXX ±.051	1:1			
				angles	0° ±2°	scale		product family METRAL code	
		dr	T.BRUNGARD	11/19/99	MM		size		213
		engr	M.STRAWSER	11/19/99	A		dwg no		sheet
		chr	M.STRAWSER	11/19/99	A		85714		2
		appd	M.STRAWSER	02/29/00	A		A		
sheet index	revision sheet								

PRODUCT NUMBER	DESCRIPTION	PLATING IN PRESS FIT TAIL AREA	PERFORMANCE LEVEL OF PLATING IN CONTACT AREA
85714-N1YY	STANDARD	TIN LEAD	TELCORDIA CO (NXT)
85714-N5YY	STANDARD	TIN LEAD	TECORDIA UE (NXT)
85714-1YY	STANDARD	TIN LEAD	TELCORDIA CO
85714-2YY	STANDARD	TIN LEAD	TELECOM CLASS
85714-3YY	STANDARD	TIN LEAD	IEC CLASS I
85714-5YY	STANDARD	TIN LEAD	TELCORDIA UE
85714-9YY	STANDARD	TIN LEAD	TELCORDIA CO
85714-N1YYLF	LEAD FREE	TIN	TELCORDIA CO (NXT), IEC CLASS I, SEE NOTES 9 AND 10
85714-N5YYLF	LEAD FREE	TIN	TECORDIA UE (NXT) SEE NOTES 9 AND 10
85714-1YYLF	LEAD FREE	TIN	TELCORDIA CO, IEC CLASS I, SEE NOTES 9 AND 10
85714-2YYLF	LEAD FREE	TIN	TELECOM CLASS, SEE NOTES 9 AND 10
85714-5YYLF	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. THE PRODUCTS WHERE THE PART NUMBERS ENDS IN LF MEET THE EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-12-008.
10. ALL PRODUCTS EXCEPT THOSE WITH PART NUMBERS CONTAINING 85714-N1--- OR 85714-N5--- WILL WITHSTAND EXPOSURE TO 260 DEGREES C FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN. PART NUMBERS 85714-N1--- AND 85714-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.



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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 2 MOD, 4 ROW PRESS-FIT		
R					0.XX ±0.13	projection					
					.XXX ±.051						
				angles	0° ±2°			product family	METRAL		
				dr	T.BRUNGARD	11/19/99	scale 1:1		code	213	
				engr	M.STRAWSER	11/19/99	size	dwg no	85714	sheet	3
				chr	M.STRAWSER	11/19/99	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					
		1	2	3	4	5	6	7	8		
85714-X01 AND 85714-X01LF	D	1	1	1	1	1	1	1	1	1	1
	C	3	3	3	3	3	3	3	3	3	3
	B	1	1	1	1	1	1	1	1	1	1
	A	1	1	1	1	1	1	1	1	1	1
85714-X02 AND 85714-X02LF	D	3	3	3	3	3	3	3	3	3	3
	C	3	3	3	3	3	3	3	3	3	3
	B	3	3	3	3	3	3	3	3	3	3
	A	1	1	1	1	1	1	1	1	1	1
85714-X03 AND 85714-X03LF	D	45	45	45	45	45	45	45	45	45	45
	C	45	45	45	45	45	45	45	45	45	45
	B	45	45	45	45	45	45	45	45	45	45
	A	45	45	45	45	45	45	45	45	45	45
85714-X04 AND 85714-X04LF	D	7	7	7	7	7	7	7	7	7	7
	C	31	31	31	31	31	31	31	31	31	31
	B	31	31	31	31	31	31	31	31	31	31
	A	7	7	7	7	7	7	7	7	7	7
85714-X05 AND 85714-X05LF	D	22	22	22	22	22	22	22	22	22	22
	C	22	22	22	22	22	22	22	22	22	22
	B	22	22	22	22	22	22	22	22	22	22
	A	22	22	22	22	22	22	22	22	22	22

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	
R				angles	0.XX ±0.13	MM				METRAL SIGNAL HEADER 2 MOD, 4 ROW PRESS-FIT	
				dr	.XXX ±.051	scale		product family		code	
				engr	0° ±2°	1:1		METRAL		213	
				chr	T.BRUNGARD 11/19/99			size		sheet	
				appd	M.STRAWSER 11/19/99			dwg no		4	
sheet index	revision sheet				M.STRAWSER 02/29/00			A		85714	

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2												3												4																																		
METRAL P/N		CONTACT CODE MOD. 1					MOD. 2					METRAL P/N		CONTACT CODE MOD. 1					MOD. 2					METRAL P/N		CONTACT CODE MOD. 1					MOD. 2																											
ROW		1	2	3	4	5	6	7	8	9	10	11	12	ROW		1	2	3	4	5	6	7	8	9	10	11	12	ROW		1	2	3	4	5	6	7	8	9	10	11	12	ROW		1	2	3	4	5	6	7	8	9	10	11	12			
85714-X21 AND 85714-X21LF		D	19	19	19	19	19	19	19	19	19	19	19	85714-X26 AND 85714-X26LF		D	40	40	40	40	40	40	40	40	40	40	40	40	85714-X31 AND 85714-X31LF		D	59	59	59	59	59	59	59	59	59	59	59	59	85714-X36 AND 85714-X36LF		D	61	61	61	61	61	61	61	61	61	61	61	61
		C	4	4	4	4	4	4	4	4	4	4	4			C	25	25	25	25	25	25	25	25	25	25	25	25			C	59	59	59	59	59	59	59	59	59	59	59			C	61	61	61	61	61	61	61	61	61	61	61	61	
		B	4	4	4	4	4	4	4	4	4	4	4			B	25	25	25	25	25	25	25	25	25	25	25	25			B	59	59	59	59	59	59	59	59	59	59	59			B	63	63	63	63	63	63	63	63	63	63	63	63	
		A	19	19	19	19	19	19	19	19	19	19	19			A	41	41	41	41	41	41	41	41	41	41	41	41			A	61	61	61	61	61	61	61	61	61	61	61	61			A	61	61	61	61	61	61	61	61	61	61	61	61

A

A

B

B

mat'l code				tolerances unless otherwise specified				CUSTOMER				FCJ www.fcjconnect.com			
ltr	ecr no.	dr	date	0.X ±0.3		COPY		projection				title			
R				0.XX ±0.13		MM				METRAL SIGNAL HEADER					
				.XXX ±.051		MM				2 MOD, 4 ROW PRESS-FIT					
				0° ±2°		scale				product family					
				dr	T.BRUNGARD	11/19/99	1:1				METRAL				
				engr	M.STRAWSER	11/19/99	A				code				
				chr	M.STRAWSER	11/19/99	85714				213				
				appd	M.STRAWSER	02/29/00					sheet				
sheet index		revision sheet										5			

Pro/E

3

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
85714-X41 AND 85714-X41LF	D	40	40	40	40	40	40	40	40
	C	40	40	40	40	40	40	40	40
	B	40	40	40	40	40	40	40	40
	A	41	41	41	41	41	41	41	41
85714-X42 AND 85714-X42LF	D	41	41	41	41	41	41	41	41
	C	25	25	25	25	25	25	25	25
	B	25	25	25	25	25	25	25	25
	A	41	41	41	41	41	41	41	41
85714-X43 AND 85714-X43LF	D	41	41	41	41	41	41	41	41
	C	41	41	41	41	41	41	41	41
	B	41	41	41	41	41	41	41	41
	A	41	41	41	41	41	41	41	41
85714-X44 AND 85714-X44LF	D	25	25	25	25	25	25	25	25
	C	25	25	25	25	25	25	25	25
	B	42	42	42	42	42	42	42	42
	A	25	25	25	25	25	25	25	25
85714-X45 AND 85714-X45LF	D	41	41	41	41	41	41	41	41
	C	42	42	42	42	42	42	42	42
	B	43	43	43	43	43	43	43	43
	A	43	43	43	43	43	43	43	43

mat'l code		--	tolerances unless otherwise specified		CUSTOMER	FCi www.fciconnect.com	
ltr	ecn no.	dr	date	linear	COPY	title	
R					projection	METRAL SIGNAL HEADER 2 MOD, 4 ROW PRESS-FIT	
				angles		product family	
				dr	T.BRUNGARD	11/19/99	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				scale	1:1	6