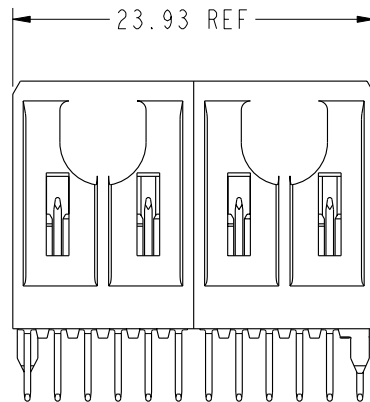
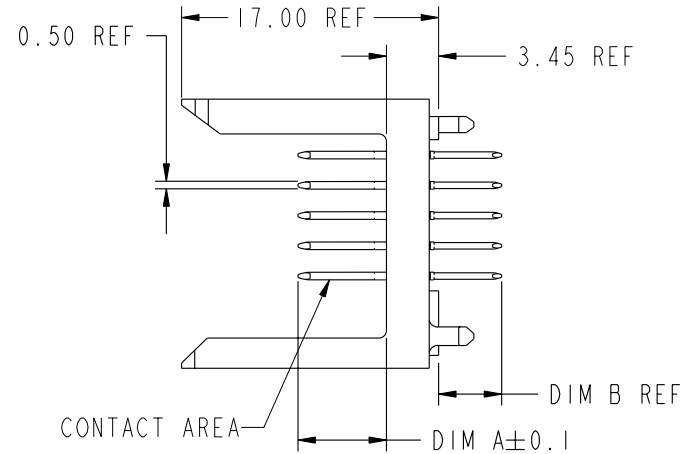
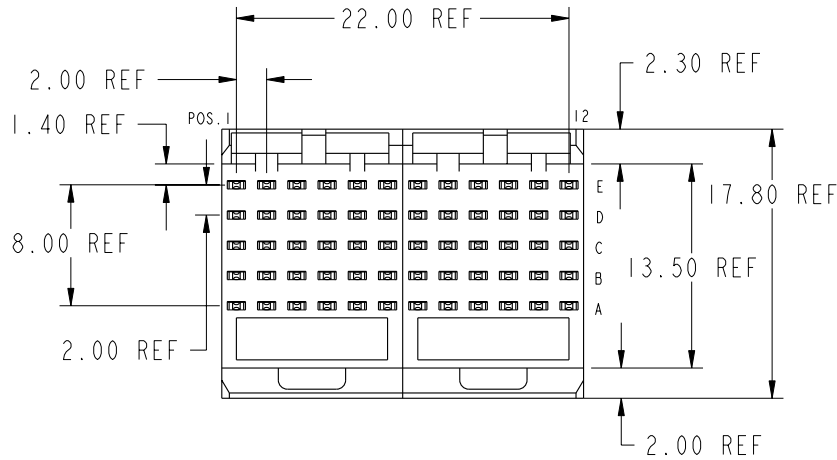


PRODUCT NUMBER
74742-XYX
74742-XYLF



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	
-	-	-	-		0.XX ±0.13		MM			METRAL SIGNAL HEADER 2 MOD, 5 ROW STB	
E	V20757	CGD	04/24/02		.XXX ±.051		scale			product family METRAL code	
F	V21671	TAB	10/21/02	dr	T.BRUNGARD	11/19/99	2:1		size	dwg no	213
G	V03-1059	DAI	09/24/03	engr	M.STRAWSER	11/19/99			A	74742	sheet
H	V05-1064	LP	11/21/05	chr	M.STRAWSER	11/19/99					1 of 5
J	V06-0057	DAI	02/08/06	appd	M.STRAWSER	2/29/00					
sheet	revision	K	K	K	K	K					
index	sheet	1	2	3	4	5					

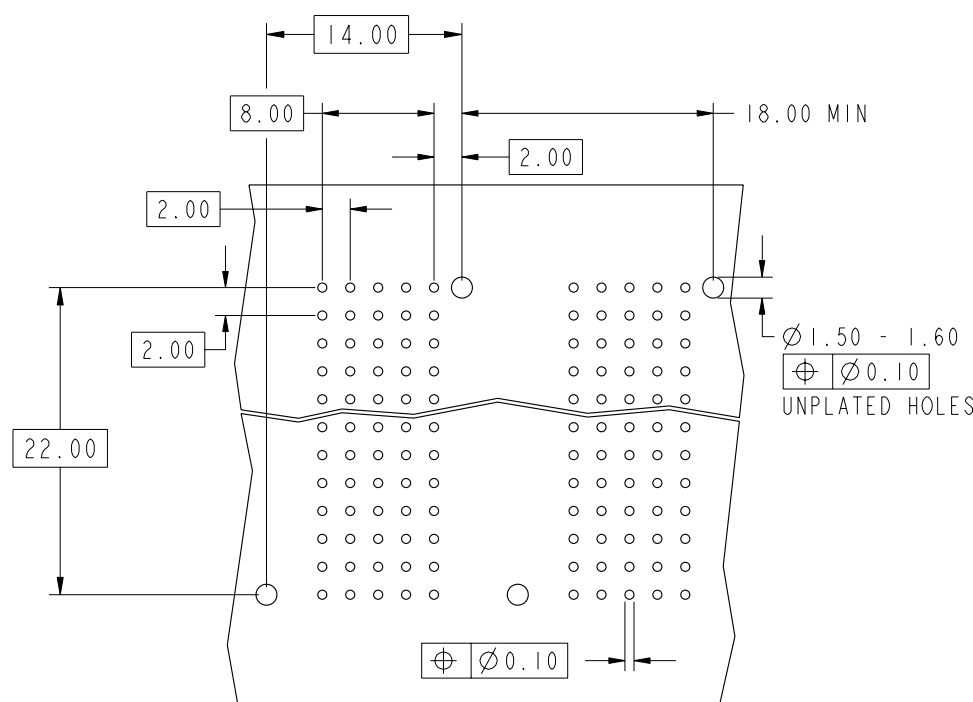
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1 | 2

3 |

4

KEY (SIGNAL STB)		
CODE	DIMENSIONS	
	DIM "A" MATE	DIM "B" TAIL
1	5.00	4.25
2	5.75	4.25
3	6.50	4.25
4	7.25	4.25
5	5.00	3.30
6	5.75	3.30
7	6.50	3.30
8	7.25	3.30
9	5.00	2.65
10	5.75	2.65
11	6.50	2.65
12	6.50	2.65
13	8.00	4.25



REQUIRED PC BOARD LAYOUT
COMPONENT SIDE

SEE PRINT 58351 FOR
ADDITIONAL PCB INFORMATION



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ltr	ecn no.	dr	date	linear	0.X ±0.3	COPY		projection	title METRAL SIGNAL HEADER 2 MOD, 5 ROW STB
K					0.XX ±0.13	MM			
					.XXX ±.051	1:1			
				angles	0° ±2°	scale		product family METRAL code	
				dr	T.BRUNGARD 11/19/99	A		size	
				engr	M.STRAWSER 11/19/99	74742		213	
				chr	M.STRAWSER 11/19/99			sheet	
				appd	M.STRAWSER 2/29/00			2	
sheet index	revision sheet								

1 | 2

Pro/E

3 |

cage code 22526

4



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2												3												4																											
METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2																				
		1	2	3	4	5	6	7	8	9	10			11	12	1	2	3	4	5	6	7	8			9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12										
74742-X01 SEE NOTE 9 LEAD FREE OPTION	E	3	3	3	3	3	3	3	3	3	3	3	74742-X07 SEE NOTE 9 LEAD FREE OPTION	E	2	2	2	2	2	2	2	2	2	2	2	74742-X32 SEE NOTE 9 LEAD FREE OPTION	E	5	5	5	5	5	5	5	5	5	5	5	74742-X36 SEE NOTE 9 LEAD FREE OPTION	E	6	6	6	6	6	6	6	6	6	6	6
	D	3	3	3	3	3	3	3	3	3	3	3		D	2	2	2	2	2	2	2	2	2	2	2		D	5	5	5	5	5	5	5	5	5	5	5		D	6	6	6	6	6	6	6	6	6	6	6
	C	3	3	3	3	3	3	3	3	3	3	3		C	2	2	2	2	2	2	2	2	2	2	2		C	5	5	5	5	5	5	5	5	5	5	5		C	6	6	6	6	6	6	6	6	6	6	6
	B	3	3	3	3	3	3	3	3	3	3	3		B	2	2	2	2	2	2	2	2	2	2	2		B	5	5	5	5	5	5	5	5	5	5	5		B	6	6	6	6	6	6	6	6	6	6	6
	A	3	3	3	3	3	3	3	3	3	3	3		A	2	2	2	2	2	2	2	2	2	2	2		A	5	5	5	5	5	5	5	5	5	5	5		A	6	6	6	6	6	6	6	6	6	6	6
74742-X02 SEE NOTE 9 LEAD FREE OPTION	E	1	1	1	1	1	1	1	1	1	1	74742-X08 SEE NOTE 9 LEAD FREE OPTION	E	4	4	4	4	4	4	4	4	4	4	74742-X33 SEE NOTE 9 LEAD FREE OPTION	E	5	5	5	5	5	5	5	5	5	5	74742-X37 SEE NOTE 9 LEAD FREE OPTION	E	8	8	8	8	8	8	8	8	8	8				
	D	1	1	1	1	1	1	1	1	1	1		D	4	4	4	4	4	4	4	4	4	4		D	5	5	5	5	5	5	5	5	5	5		D	8	8	8	8	8	8	8	8	8	8				
	C	1	1	1	1	1	1	1	1	1	1		C	4	4	4	4	4	4	4	4	4	4		C	5	5	5	5	5	5	5	5	5	5		C	8	8	8	8	8	8	8	8	8	8				
	B	1	1	1	1	1	1	1	1	1	1		B	4	4	4	4	4	4	4	4	4	4		B	5	5	5	5	5	5	5	5	5	5		B	8	8	8	8	8	8	8	8	8	8				
	A	3	3	3	3	3	3	3	3	3	3		A	4	4	4	4	4	4	4	4	4	4		A	7	7	7	7	7	7	7	7	7	7		A	8	8	8	8	8	8	8	8	8	8				
74742-X03 SEE NOTE 9 LEAD FREE OPTION	E	2	2	2	2	2	2	2	2	2	2	74742-X09 SEE NOTE 9 LEAD FREE OPTION	E	13	13	13	13	13	13	13	13	13	13	74742-X34 SEE NOTE 9 LEAD FREE OPTION	E	6	6	6	6	6	6	6	6	6	6	74742-X61 SEE NOTE 9 LEAD FREE OPTION	E	11	11	11	11	11	11	11	11	11	11				
	D	3	3	3	3	3	3	3	3	3	3		D	13	13	13	13	13	13	13	13	13	13		D	7	7	7	7	7	7	7	7	7	7		D	11	11	11	11	11	11	11	11	11	11				
	C	2	2	2	2	2	2	2	2	2	2		C	13	13	13	13	13	13	13	13	13	13		C	6	6	6	6	6	6	6	6	6	6		C	11	11	11	11	11	11	11	11	11	11				
	B	2	2	2	2	2	2	2	2	2	2		B	13	13	13	13	13	13	13	13	13	13		B	6	6	6	6	6	6	6	6	6	6		B	11	11	11	11	11	11	11	11	11	11				
	A	3	3	3	3	3	3	3	3	3	3		A	13	13	13	13	13	13	13	13	13	13		A	7	7	7	7	7	7	7	7	7	7		A	11	11	11	11	11	11	11	11	11	11				
74742-X04 SEE NOTE 9 LEAD FREE OPTION	E	2	2	2	2	2	2	2	2	2	2	74742-X31 SEE NOTE 9 LEAD FREE OPTION	E	7	7	7	7	7	7	7	7	7	7	74742-X35 SEE NOTE 9 LEAD FREE OPTION	E	6	6	6	6	6	6	6	6	6	6	74742-X62 SEE NOTE 9 LEAD FREE OPTION	E	9	9	9	9	9	9	9	9	9	9				
	D	2	2	2	2	2	2	2	2	2	2		D	7	7	7	7	7	7	7	7	7	7		D	6	6	6	6	6	6	6	6	6	6		D	9	9	9	9	9	9	9	9	9	9				
	C	2	2	2	2	2	2	2	2	2	2		C	7	7	7	7	7	7	7	7	7	7		C	6	6	6	6	6	6	6	6	6	6		C	9	9	9	9	9	9	9	9	9	9				
	B	4	4	4	4	4	4	4	4	4	4		B	7	7	7	7	7	7	7	7	7	7		B	8	8	8	8	8	8	8	8	8	8		B	9	9	9	9	9	9	9	9	9	9				
	A	2	2	2	2	2	2	2	2	2	2		A	7	7	7	7	7	7	7	7	7	7		A	6	6	6	6	6	6	6	6	6	6		A	9	9	9	9	9	9	9	9	9	9				
74742-X05 SEE NOTE 9 LEAD FREE OPTION	E	3	3	3	3	3	3	3	3	3	3	74742-X06 SEE NOTE 9 LEAD FREE OPTION	E	3	3	3	3	3	3	3	3	3	3	74742-X06 SEE NOTE 9 LEAD FREE OPTION	E	3	3	3	3	3	3	3	3	3	3	74742-X06 SEE NOTE 9 LEAD FREE OPTION	E	3	3	3	3	3	3	3	3	3	3				
	D	3	3	3	3	3	3	3	3	3	3		D	3	3	3	3	3	3	3	3	3	3		D	3	3	3	3	3	3	3	3	3	3		D	3	3	3	3	3	3	3	3	3	3				
	C	4	4	4	4	4	4	4	4	4	4		C	3	3	3	3	3	3	3	3	3	3		C	3	3	3	3	3	3	3	3	3	3		C	3	3	3	3	3	3	3	3	3	3				
	B	13	13	13	13	13	13	13	13	13	13		B	13	13	13	13	13	13	13	13	13	13		B	13	13	13	13	13	13	13	13	13	13		B	13	13	13	13	13	13	13	13	13	13				
	A	13	13	13	13	13	13	13	13	13	13		A	13	13	13	13	13	13	13	13	13	13		A	13	13	13	13	13	13	13	13	13	13		A	13	13	13	13	13	13	13	13	13	13				

mat'l code				tolerances unless otherwise specified				CUSTOMER				FCI www.fciconnect.com			
ltr	ecr no.	dr	date	0.X ±0.3				COPY				title			
K				0.XX ±0.13				projection				METRAL SIGNAL HEADER 2 MOD, 5 ROW STB			
				.XXX ±0.051								product family			
				0° ±2°								METRAL			
				dr	T.BRUNGARD	11/19/99		MM				code			
				enrg	M.STRAWSE	11/19/99		A				213			
				chr	M.STRAWSE	11/19/99		1:1				sheet			
				appd	M.STRAWSE	2/29/00						3			
sheet index		revision sheet													

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
74742-X63 SEE NOTE 9 LEAD FREE OPTION	E	9	9	9	9	9	9	9	9	9	9	9	9
	D	9	9	9	9	9	9	9	9	9	9	9	9
	C	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
	A	1	1	1	1	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	9	10	11	12
74742-X64 SEE NOTE 9 LEAD FREE OPTION	E	10	10	10	10	10	10	10	10	10	10	10	10
	D	1	1	1	1	1	1	1	1	1	1	1	1
	C	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
	A	1	1	1	1	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	9	10	11	12
74742-X65 SEE NOTE 9 LEAD FREE OPTION	E	10	10	10	10	10	10	10	10	10	10	10	10
	D	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
	B	12	12	12	12	12	12	12	12	12	12	12	12
	A	10	10	10	10	10	10	10	10	10	10	10	10

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
74742-X66 SEE NOTE 9 LEAD FREE OPTION	E	10	10	10	10	10	10	10	10	10	10	10	10
	D	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
	B	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

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
74742-X67 SEE NOTE 9 LEAD FREE OPTION	E	12	12	12	12	12	12	12	12	12	12	12	12
	D	12	12	12	12	12	12	12	12	12	12	12	12
	C	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
	A	12	12	12	12	12	12	12	12	12	12	12	12

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11
74742-X99 SEE NOTE 9 LEAD FREE OPTION	E	3	3	3	3	3	3	3	3	3	1	13
	D	3	3	3	3	3	3	3	3	3	3	13
	C	3	3	3	3	3	3	3	3	3	3	13
	B	3	3	3	3	3	3	3	3	3	3	13
	A	1	3	3	3	3	3	3	3	3	3	13



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mat'l code		--		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com		
ltr	ecr no.	dr	date	linear	0.X ±0.3		COPY		title METRAL SIGNAL HEADER 2 MOD, 5 ROW STB	
K					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		4
				chr	M.STRAWSER	11/19/99	scale 1:1		sheet 4	
				appd	M.STRAWSER	2/29/00	A 74742			
sheet index	revision sheet									

PRODUCT NUMBER
74742-XYX
74742-XYXLF

PLATING IN CONTACT AREA		
DASH NUMBER	PERFORMANCE LEVEL	NOTES
-NIYY	TELCORDIA CO (NXT)	-
-N5YY	TELCORDIA UE (NXT)	-
-IYY	TELCORDIA CO	-
-2YY	TELECOM CLASS	-
-3YY	IEC CLASS I	-
-5YY	TELCORDIA UE	-
-9YY	TELCORDIA CO	-
-NIYYLF	TELCORDIA CO (NXT) IEC CLASS I	SEE NOTE 8
-N5YYLF	TELCORDIA UE (NXT)	SEE NOTE 8
-IYYLF	TELCORDIA CO IEC CLASS I	SEE NOTE 8
-2YYLF	TELECOM CLASS	SEE NOTE 8
-5YYLF	TELCORDIA UE	SEE NOTE 8

- 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:
74742-XYX IS SnPb.
74742-XYXLF IS Sn (LEAD FREE)
PLATING ON CONTACT AREA CONFORMS TO PERFORMANCE LEVEL SHOWN IN TABLE.
 - 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: 74742-XXXXP OR 74742-XXXPLF
 - PRODUCT SPECIFICATION GS-12-180
APPLICATION SPECIFICATION BUS-20-074
 - THE PRODUCTS WHERE THE PART NUMBERS ENDS IN "LF" MEET THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

ALL PRODUCTS EXCEPT THOSE WITH PART NUMBERS CONTAINING (DRAWING NO.) -NI--- OR (DRAWING NO.) -N5--- WILL WITHSTAND EXPOSURE TO 260° C FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN. PART NUMBERS(DRAWING NO.) -NI--- AND (DRAWINGS NO.) -N5--- WILL NOT WITHSTAND REFLOW AND Au CONTACT SURFACE OF THE CONTACTS SHALL BE EXPOSED TO A MAXIMUM OF 140° C FOR NO LONGER THAN 15 SECONDS IN A WAVE SOLDER APPLICATION.

FOR LEAD FREE PART NUMBERS, ADD AN "LF" SUFFIX.
EXAMPLE: 74742-X01LF



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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, 5 ROW STB
K					0.XX ±0.13	projection			
					.XXX ±.051				
				angles	0° ±2°				
		dr	T.BRUNGARD	11/19/99	MM		product family METRAL		code
		enrg	M.STRAWSER	11/19/99			size	dwg no	213
		chr	M.STRAWSER	11/19/99	scale		A	74742	sheet
		appd	M.STRAWSER	2/29/00	1:1				5
sheet index	revision sheet								