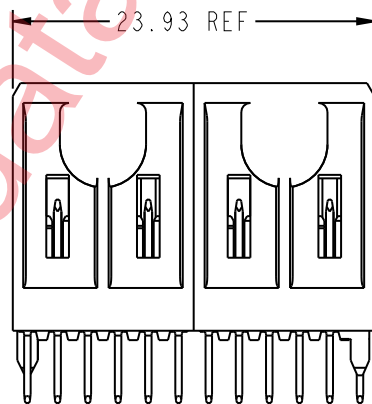
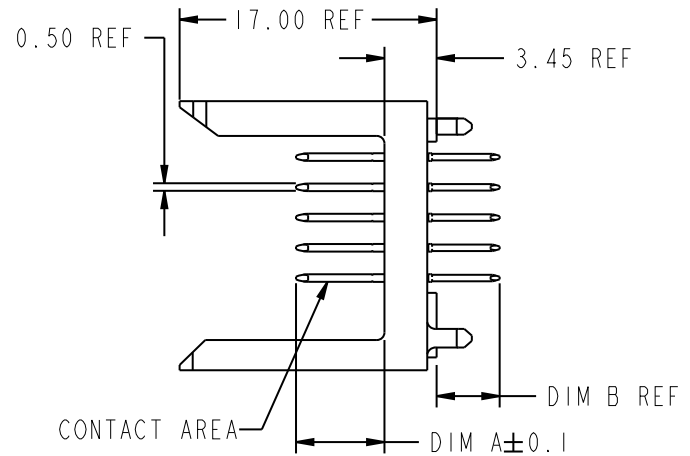
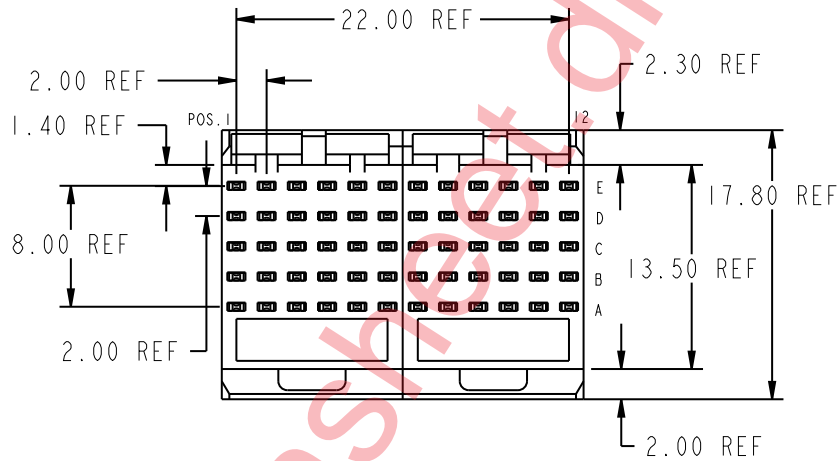


PRODUCT NUMBER  
74742-XYX  
74742-XYLF

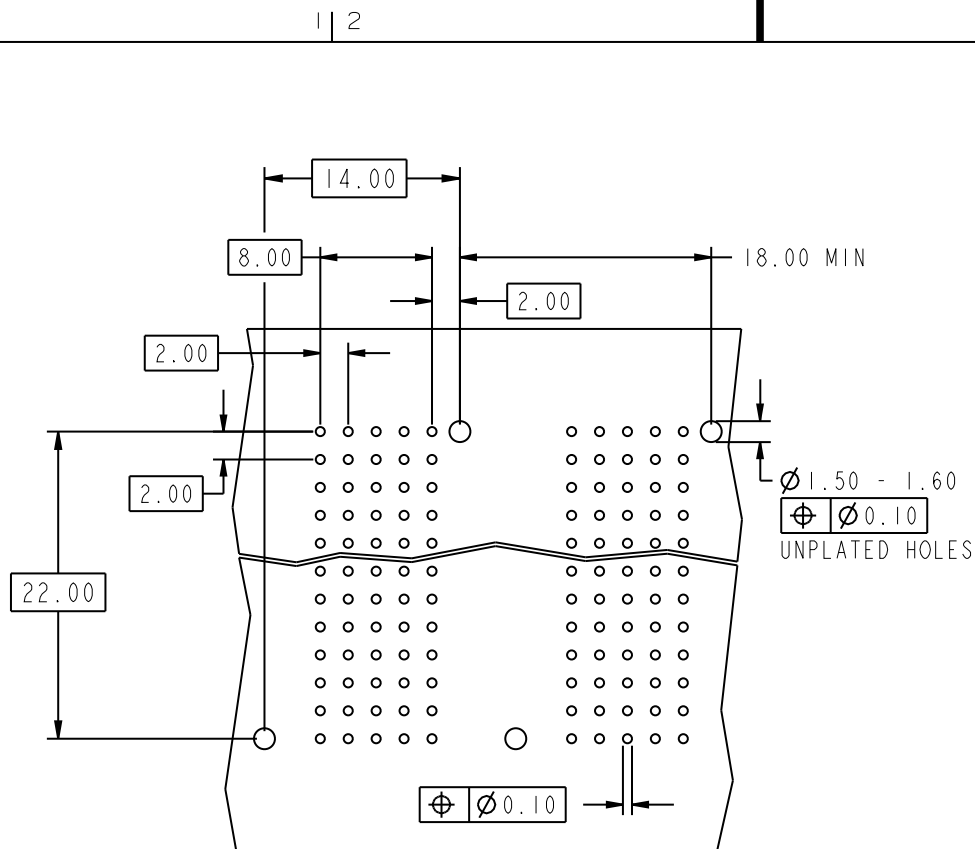


mat'l code				--		tolerances unless otherwise specified		CUSTOMER		FCJ www.fcjconnect.com	
ltr	ecn no.	dr	date	linear	0.X ±0.3		COPY		title METRAL SIGNAL HEADER 2 MOD, 5 ROW STB		
K	V06-0544	DCH	2006-06-09		0.XX ±0.13		projection				
L	DG09-0256	TER	2009-08-19		.XXX ±.051						
-	-	-	-	angles	0° ±2°				product family METRAL code		
F	V21671	TAB	10/21/02	dr	T.BRUNGARD	11/19/99	MM		size		213
G	V03-1059	DAI	09/24/03	enr	M.STRAWSER	11/19/99	← MM →		dwg no		1 of 5
H	V05-1064	LP	11/21/05	chr	M.STRAWSER	11/19/99	scale		A		74742
J	V06-0057	DAI	02/08/06	appd	M.STRAWSER	2/29/00	2:1				
sheet index	revision sheet	L	L	L	L	L					
		1	2	3	4	5					

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REQUIRED PC BOARD LAYOUT  
COMPONENT SIDE

SEE PRINT 58351 FOR  
ADDITIONAL PCB INFORMATION

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

mat'l code				tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com		
ltr	ecn no.	dr	date	linear	0.X ±0.3	COPY		projection	title METRAL SIGNAL HEADER 2 MOD, 5 ROW STB	
L					0.XX ±0.13					
					.XXX ±.051					
				angles	0° ±2°	MM		product family	METRAL	
				dr	T.BRUNGARD	11/19/99	scale 1:1	size	dwg no	
				engr	M.STRAWSER	11/19/99		A	74742	code
				chr	M.STRAWSER	11/19/99				213
				appd	M.STRAWSER	2/29/00				sheet
sheet index	revision sheet									

cage code 22526



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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																												
	D	3	3	3	3	3	3	3	3	3	3		D	3	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	3																											
	B	13	13	13	13	13	13	13	13	13	13		B	13	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	13																											

mat'l code		--		tolerances unless otherwise specified		CUSTOMER		FCJ		www.fcjconnect.com	
ltr	ecn no.	dr	date	linear	0.X ±0.3	COPY		projection		title	
L					0.XX ±0.13					METRAL SIGNAL HEADER	
				angles	.XXX ±.051					2 MOD, 5 ROW STB	
				dr	0° ±2°			MM		product family	
				engr	T.BRUNGARD 11/19/99			← MM →		METRAL	
				chr	M.STRAWSER 11/19/99			scale		code	
				appd	M.STRAWSER 2/29/00			1:1		213	
sheet	revision							A		sheet	
index	sheet									3	

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
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	A	1	1	1	1	1	1	1	1	1	1	1	1


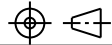

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
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74742-X64 SEE NOTE 9 LEAD FREE OPTION	E	10	10	10	10	10	10	10	10	10	10	10	10
	D	1	1	1	1	1	1	1	1	1	1	1	1
	C	10	10	10	10	10	10	10	10	10	10	10	10
	B	10	10	10	10	10	10	10	10	10	10	10	10
	A	1	1	1	1	1	1	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						
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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	12
74742-X99 SEE NOTE 9 LEAD FREE OPTION	E	3	3	3	3	3	3	3	3	3	3	1	13
	D	3	3	3	3	3	3	3	3	3	3	3	13
	C	3	3	3	3	3	3	3	3	3	3	3	13
	B	3	3	3	3	3	3	3	3	3	3	3	13
	A	1	3	3	3	3	3	3	3	3	3	3	13

mat'l code		--		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0.X ±0.3	COPY		projection	
L					0.XX ±0.13	title			
					.XXX ±.051	METRAL SIGNAL HEADER 2 MOD, 5 ROW STB			
				angles	0° ±2°			product family	METRAL
		dr	T.BRUNGARD	11/19/99		code	213	size	dwg no
		engr	M.STRAWSER	11/19/99		sheet	4	A	74742
		chr	M.STRAWSER	11/19/99	scale	1:1			
		appd	M.STRAWSER	2/29/00					
sheet index	revision sheet								



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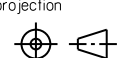


PRODUCT NUMBER
74742-XYX
74742-XYLX

PLATING IN CONTACT AREA		
DASH NUMBER	PERFORMANCE LEVEL	NOTES
-N1YY	TELCORDIA CO (NXT)	-
-N5YY	TELCORDIA UE (NXT)	-
-1YY	TELCORDIA CO	-
-2YY	TELECOM CLASS	-
-3YY	IEC CLASS I	-
-5YY	TELCORDIA UE	-
-N1YYLF	TELCORDIA CO (NXT) IEC CLASS I	SEE NOTE 8
-N5YYLF	TELCORDIA UE (NXT)	SEE NOTE 8
-1YYLF	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-XYLX 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-XXXP 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.) -N1--- 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.) -N1--- 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

mat'l code				tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0.X ±0.3	projection		title	
L					0.XX ±0.13			METRAL SIGNAL HEADER	
					.XXX ±.051			2 MOD, 5 ROW STB	
				angles	0° ±2°	 MM	 scale 1:1	product family	code
		dr	T.BRUNGARD	11/19/99	METRAL			213	
		engr	M.STRAWSER	11/19/99	size			dwg no	
		chr	M.STRAWSER	11/19/99	A			74742	
		appd	M.STRAWSER	2/29/00		sheet	5		
sheet index	revision sheet								



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