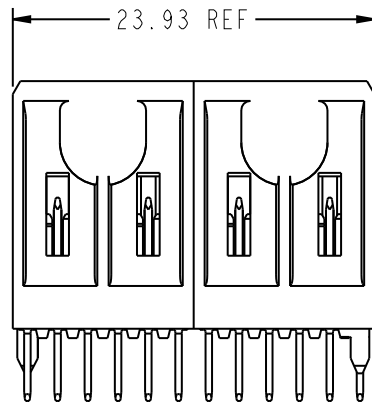
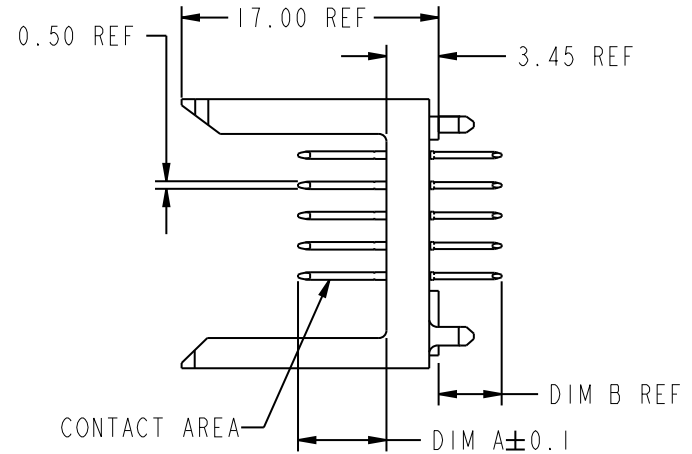
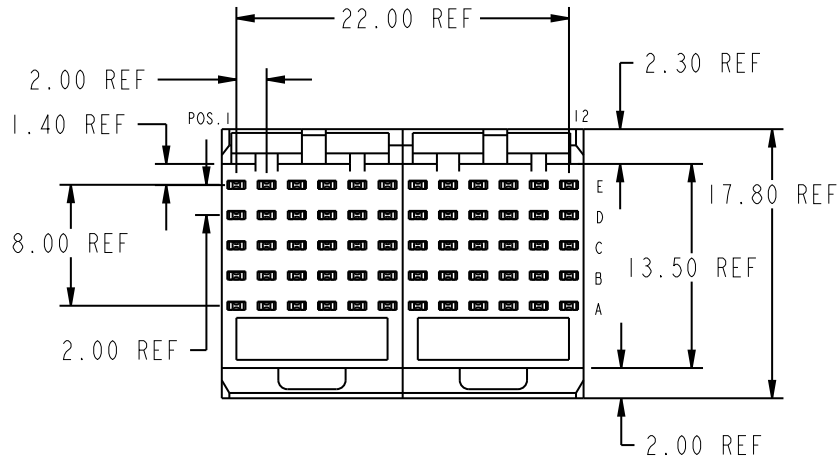


PRODUCT NUMBER
74742-XY
74742-XYLF

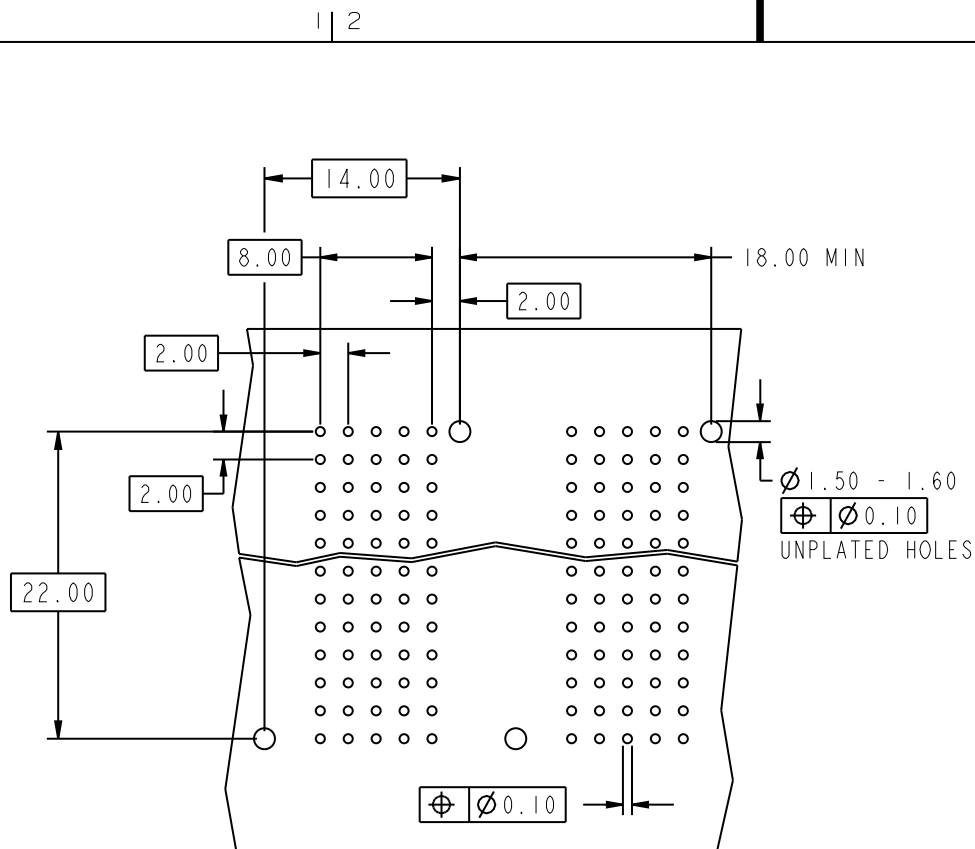


mat'l code				--		tolerances unless otherwise specified		CUSTOMER		FCJ www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0.X ±0.3		COPY		title METRAL SIGNAL HEADER 2 MOD, 5 ROW STB		
K	V06-0544	DCH	2006-06-09		0.XX ±0.13		projection				
L	DG09-0256	TER	2009-08-19		.XXX ±.051						
-	-	-	-	angles	0° ±2°				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	engr	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	revision	L	L	L	L	L					
index	sheet	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		FCI 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	MM			
					.XXX ±.051	1:1			
				angles	0° ±2°	scale		product family METRAL	code 213
				dr	T.BRUNGARD	11/19/99	size A		
				engr	M.STRAWSER	11/19/99			
				chr	M.STRAWSER	11/19/99			
				appd	M.STRAWSER	2/29/00			
sheet index	revision sheet								

cage code 22526

Pro/E

PDM: Rev:L

STATUS: Released

Printed: Dec 01, 2009



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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																											
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mat'l code				tolerances unless otherwise specified				CUSTOMER		FCJ	
ltr	ecr no.	dr	date	linear	0.X ±0.3			COPY		www.fcjconnect.com	
L				angles	0.XX ±0.13			projection		title	
					.XXX ±0.051					METRAL SIGNAL HEADER	
				dr	T.BRUNGARD	11/19/99				product family	
				engr	M.STRAWSER	11/19/99		MM		METRAL	
				chr	M.STRAWSER	11/19/99				code	
				appd	M.STRAWSER	2/29/00		1:1		213	
sheet	revision							A		sheet	
index	sheet							74742		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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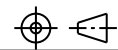
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	C	10	10	10	10	10	10	10	10	10	10	10	10
	B	10	10	10	10	10	10	10	10	10	10	10	10
	A	1	1	1	1	1	1	1	1	1	1	1	1

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
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74742-X65 SEE NOTE 9 LEAD FREE OPTION	E	10	10	10	10	10	10	10	10	10	10	10	10
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	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
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	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						
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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.fcconnect.com		
ltr	ecn no.	dr	date	linear	0.X ±0.3		COPY			title		
L					0.XX ±0.13		METRAL SIGNAL HEADER			2 MOD, 5 ROW STB		
					angles	.XXX ±.051		product family		METRAL		
				0° ±2°		size		dwg no		213		
				dr	T.BRUNGARD	11/19/99	MM		sheet		4	
				engr	M.STRAWSER	11/19/99	← MM →		74742			
				chr	M.STRAWSER	11/19/99	scale		A			
				appd	M.STRAWSER	2/29/00	1:1					
sheet index	revision sheet											



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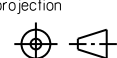


PRODUCT NUMBER
74742-XYX
74742-XYXLF

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	-
-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-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.) -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

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

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