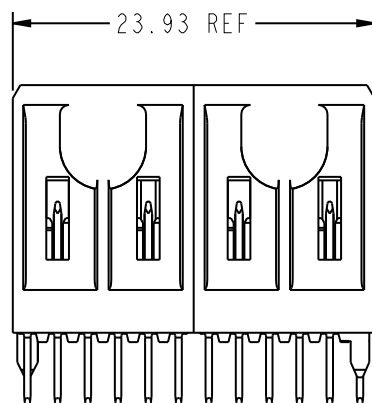
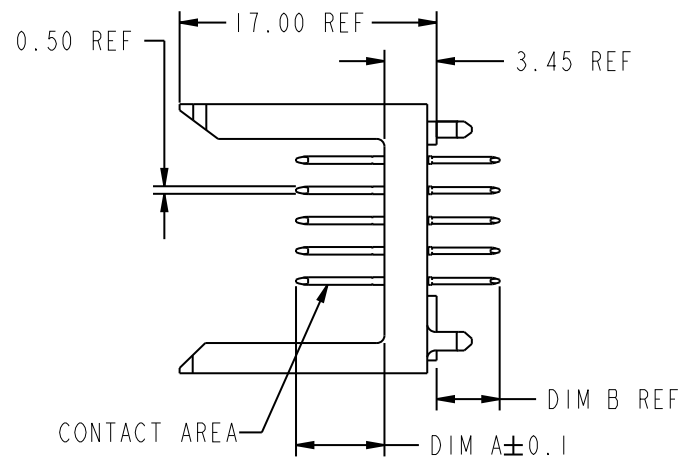
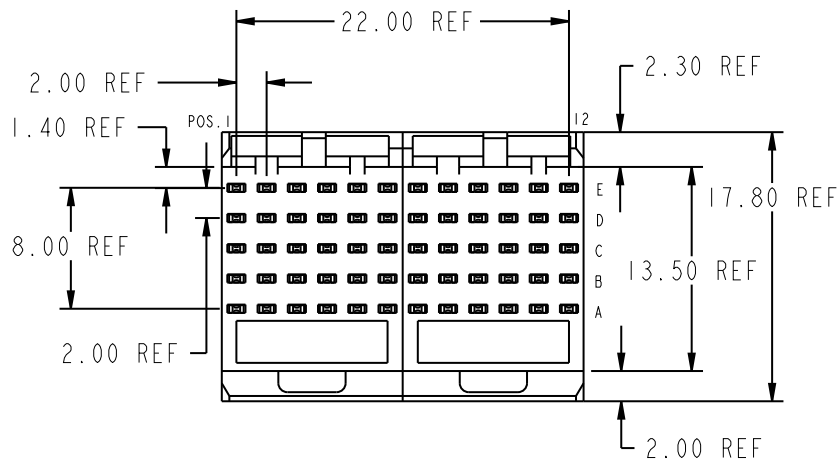


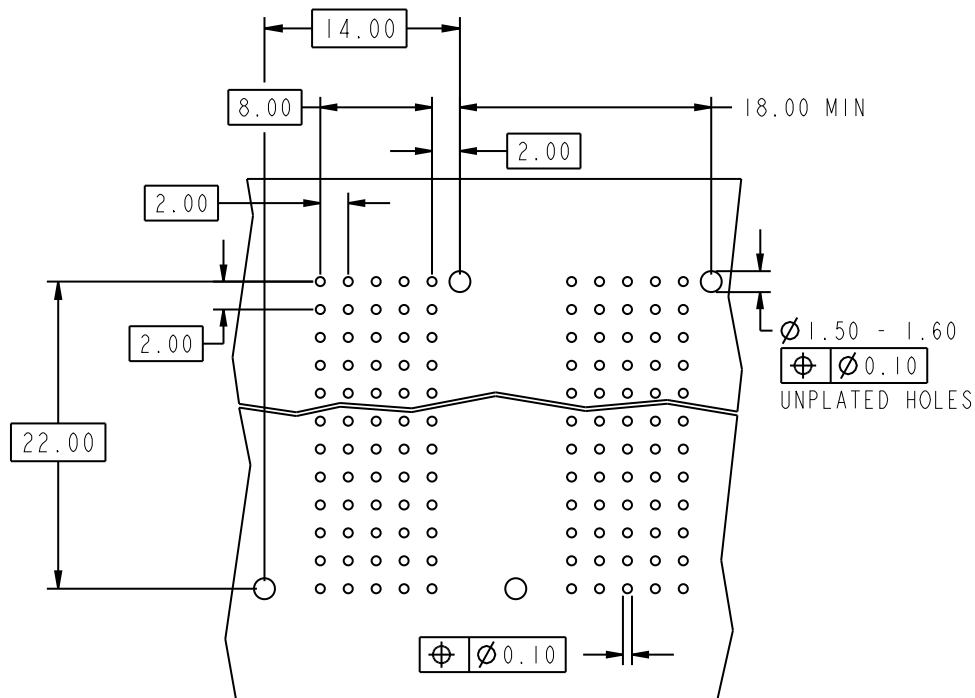


PRODUCT NUMBER
74742-XYX
74742-XYXLF



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

cage code 22526



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				
lfr	ecm no.	dr	date	linear	0. X $\pm$ 0.3	COPY		title METRAL SIGNAL HEADER 2 MOD, 5 ROW STB				
L					0. XX $\pm$ 0.13	projection						
					. XXX $\pm$.051							
				angles	0° $\pm$ 2°	scale 1 : 1		product family		METRAL	code	
				dr	T.BRUNGARD			11/19/99	size	dwg no	74742	213
				enrg	M.STRAWSER			11/19/99				sheet
				chr	M. STAWSER			11/19/99				2
				appd	M.STRAWSER	2/29/00						
sheet index	revision sheet											

cage code 22526

Pro/E

PDM: Rev:L

STATUS: Released

Printed: Dec 01, 2009

[illegible]

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
74742-X07 SEE NOTE 9 LEAD FREE OPTION	E	2	2	2	2	2	2	2	2	2	2	2	2
	D	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
	B	2	2	2	2	2	2	2	2	2	2	2	2
	A	2	2	2	2	2	2	2	2	2	2	2	2

[illegible][illegible][illegible][illegible][illegible][illegible]

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
74742-X03 SEE NOTE 9 LEAD FREE OPTION	E	2	2	2	2	2	2	2	2	2	2	2	2
	D	3	3	3	3	3	3	3	3	3	3	3	3
	C	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
	A	2	2	2	2	2	2	2	2	2	2	2	2

[illegible]

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
74742-X34 SEE NOTE 9 LEAD FREE OPTION	E	6	6	6	6	6	6	6	6	6	6	6	6
	D	7	7	7	7	7	7	7	7	7	7	7	7
	C	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
	A	7	7	7	7	7	7	7	7	7	7	7	7

[illegible][illegible]

		CONTACT CODE											
METRAL P/N		MOD. 1						MOD. 2					
ROW		1	2	3	4	5	6	7	8	9	10	11	12
74742-X31 SEE NOTE 9 LEAD FREE OPTION		E	7	7	7	7	7	7	7	7	7	7	7
		D	7	7	7	7	7	7	7	7	7	7	7
		C	7	7	7	7	7	7	7	7	7	7	7
		B	7	7	7	7	7	7	7	7	7	7	7

		CONTACT CODE															
METRAL P/N		MOD. 1								MOD. 2							
		ROW	1	2	3	4	5	6	7	8	9	10	11	12	13		
74742-X35 SEE NOTE 9 LEAD FREE OPTION		E	6	6	6	6	6	6	6	6	6	6	6	6	6		
		D	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		
		B	8	8	8	8	8	8	8	8	8	8	8	8	8		

[illegible][illegible][illegible]

mat'l code				--		tolerances unless otherwise specified				CUSTOMER									
lfr				ecn no.		dr		date		COPY		www.fciconnect.com							
L										projection		title							
												METRAL SIGNAL HEADER							
												2 MOD, 5 ROW STB							
						angles		0° ±2°											
						dr		T. BRUNGARD		11/19/99		MM		product family		METRAL		code	
						engr		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						3	
sheet		revision																	
index		sheet																	



METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
74742-X63 SEE NOTE 9 LEAD FREE OPTION	E	9	9	9	9	9	9	9	9	9	9
	D	9	9	9	9	9	9	9	9	9	9
	C	9	9	9	9	9	9	9	9	9	9
	B	9	9	9	9	9	9	9	9	9	9
	A	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
74742-X64 SEE NOTE 9 LEAD FREE OPTION	E	10	10	10	10	10	10	10	10	10	10
	D	1	1	1	1	1	1	1	1	1	1
	C	10	10	10	10	10	10	10	10	10	10
	B	10	10	10	10	10	10	10	10	10	10
	A	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
74742-X65 SEE NOTE 9 LEAD FREE OPTION	E	10	10	10	10	10	10	10	10	10	10
	D	10	10	10	10	10	10	10	10	10	10
	C	10	10	10	10	10	10	10	10	10	10
	B	12	12	12	12	12	12	12	12	12	12
	A	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
74742-X66 SEE NOTE 9 LEAD FREE OPTION	E	10	10	10	10	10	10	10	10	10	10
	D	10	10	10	10	10	10	10	10	10	10
	C	10	10	10	10	10	10	10	10	10	10
	B	10	10	10	10	10	10	10	10	10	10
	A	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
74742-X67 SEE NOTE 9 LEAD FREE OPTION	E	12	12	12	12	12	12	12	12	12	12
	D	12	12	12	12	12	12	12	12	12	12
	C	12	12	12	12	12	12	12	12	12	12
	B	12	12	12	12	12	12	12	12	12	12
	A	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
74742-X99 SEE NOTE 9 LEAD FREE OPTION	E	3	3	3	3	3	3	3	3	3	13
	D	3	3	3	3	3	3	3	3	3	13
	C	3	3	3	3	3	3	3	3	3	13
	B	3	3	3	3	3	3	3	3	3	13
	A	1	3	3	3	3	3	3	3	3	13

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



PRODUCT NUMBER
74742-XYX
74742-XYXLF

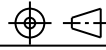
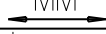
NOTES:

- 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.) -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

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

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

cage code 22526

Pro/E

3

4