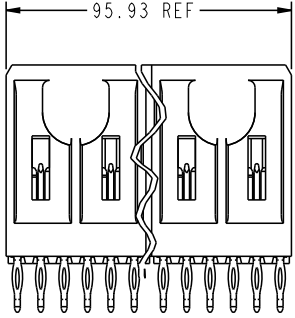
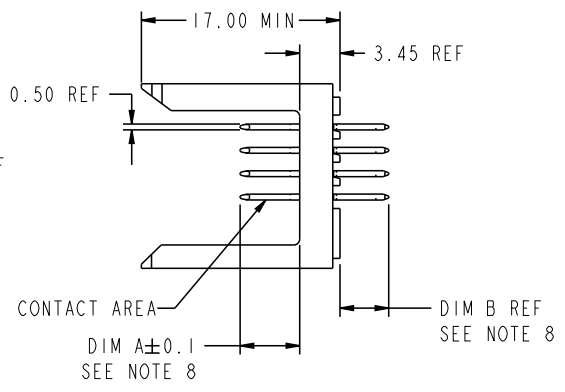
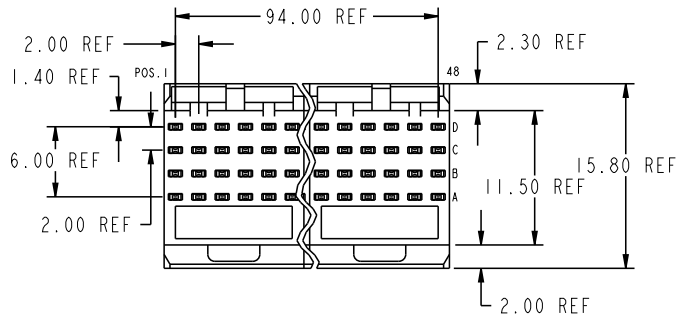




This document is the property of and embodies
 CONFIDENTIAL and PROPRIETARY information of FCI.
 No part of the information shown on this
 document may be used in any way or disclosed
 to others without the written consent of FCI.
 Copyright FCI.

PRODUCT NUMBER
SEE TABLE

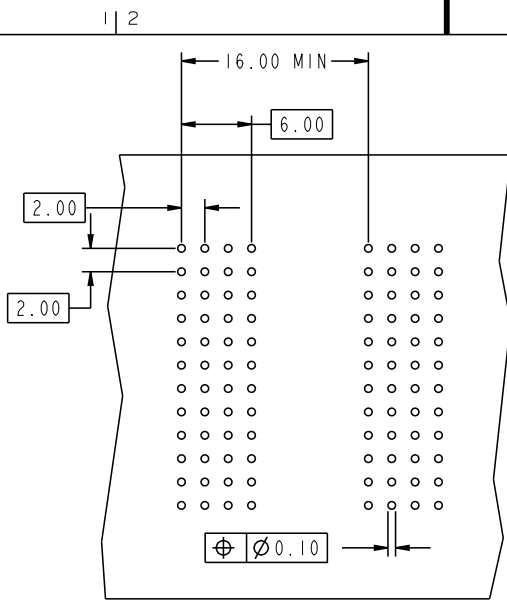


mat'l code				tolerances unless otherwise specified				CUSTOMER				FCI						
ltr	ecr no.	dr	date	linear	0 .xx ±0.3	projection	COPY	www.fciconnect.com				title						
AP	V06-0569	DCH	2006-06-13	linear	0 .xx ±0.13		COPY					METRAL SIGNAL HEADER 8 MOD, 4 ROW PRESS-FIT						
AR	DG07-0487	Cen/h	12/05/07		.xxx ±.051							product family METRAL code						
AS	DG09-0256	TER	2009-08-19	angles	∠ ±2°							size 88924						
				dr	T. BRINGARD	11/19/99	MM				code							
AL	V03-1321	DAI	01/15/04	enr	M. STRAWSER	11/19/99	scale				sheet							
AM	V04-0794	TAB	08/13/04	chr	M. STRAWSER	11/19/99	2:1				1 of 13							
AN	V05-0370	DPU	06/02/05	oppd	M. STRAWSER	02/29/00	A				code							
sheet	revision	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	code	22526
index	sheet	1	2	3	4	5	6	7	8	9	10	11	12	13			4	

PDM: Rev:AS STATUS: Released Printed: Sep 16, 2009



This document is the property of and embodies CONFIDENTIAL and PROPRIETARY information of FCI. No part of the information shown on this document may be used in any way or disclosed to others without the written consent of FCI. Copyright FCI.



REQUIRED PC BOARD LAYOUT
COMPONENT SIDE

SEE PRINT 58351 FOR
ADDITIONAL PCB INFORMATION

KEY		
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
13	8.25	4.30
14	8.25	13.60
19	8.00	4.30
20	8.00	13.60
22	5.00	12.10
25	5.75	15.60
40	5.00	15.60

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI	
lfr	ecm no.	dr	date	linear	0.X ±0.3	COPY	www.fciconnect.com		
AS				linear	0.XX ±0.13	projection	title METRAL SIGNAL HEADER		
				angles	.XXX ±.051	MM	8 MOD, 4 ROW PRESS-FIT		
				dr	° ±2°	scale	product family	METRAL	code
				engr	T. BRUNGARD 11/19/99	2:1	size	dwg no	213
				chr	M. STRAWSER 11/19/99	A	88924		
				appd	M. STRAWSER 02/29/00		sheet 2		
sheet index	revision sheet								
							code code	22526	

PDM: Rev:AS

STATUS:Released

Printed: Sep 16, 2009



This document is the property of and embodies CONFIDENTIAL and PROPRIETARY information of FCI. No part of the information shown on this document may be used in any way or disclosed to others without the written consent of FCI. Copyright FCI.

PRODUCT NUMBER	DESCRIPTION	PLATING IN PRESS FIT TAIL AREA	PERFORMANCE LEVEL OF PLATING IN CONTACT AREA
88924-N1YY	STANDARD	TIN LEAD	TELCORDIA CO (NXT)
88924-N5YY	STANDARD	TIN LEAD	TELCORDIA UE (NXT)
88924-1YY	STANDARD	TIN LEAD	TELCORDIA CO
88924-2YY	STANDARD	TIN LEAD	TELECOM CLASS
88924-3YY	STANDARD	TIN LEAD	IEC CLASS I
88924-5YY	STANDARD	TIN LEAD	TELCORDIA UE
88924-N1YYLF	LEAD FREE	TIN	TELCORDIA CO (NXT), IEC CLASS I, SEE NOTES 9 AND 10
88924-N5YYLF	LEAD FREE	TIN	TELCORDIA UE (NXT) SEE NOTES 9 AND 10
88924-1YYLF	LEAD FREE	TIN	TELCORDIA CO , IEC CLASS I, SEE NOTES 9 AND 10
88924-2YYLF	LEAD FREE	TIN	TELECOM CLASS, SEE NOTES 9 AND 10
88924-5YYLF	LEAD FREE	TIN	TELCORDIA UE , SEE NOTES 9 AND 10

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 AREA: SEE PRODUCT NUMBER TABLE. PLATING ON CONTACT AREA CONFORMS TO PERFORMANCE LEVEL SHOWN IN TABLE ON SHEETS.
- 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, A SUFFIX "P" WILL BE ADDED TO THE END OF THE PART NUMBER. EXAMPLE: XXXXX-XXXP OR XXXXX-XXXPLF
- PRODUCT SPECIFICATION: GS-12-180 APPLICATION SPECIFICATION: BUS-20-073
- AFTER INSERTION INTO BOARD WITH QUALIFIED TOOLING.
- THE PRODUCTS WHERE THE PART NUMBER ENDS IN LF MEET THE EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-12-008.
- ALL THE PRODUCTS EXCEPT THOSE WITH PART NUMBERS CONTAINING 88924-N1---OR 88924-N5---WILL WITHSTAND EXPOSURE TO 260 DEGREES C FOR 60 SECONDS IN A CONVECTION, INFRARED OR VAPOR PHASE REFLOW OVEN. PART NUMBERS 88924-N1---AND 88924-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.

mat'l code		SEE NOTES	tolerances unless otherwise specified	CUSTOMER	FCI www.fciconnect.com	
lfr	ecn no.	dr	date	COPY	title	
AS				projection	METRAL SIGNAL HEADER	
		linear	0.X ±0.3		8 MOD, 4 ROW PRESS-FIT	
			0.XX ±0.13		product family	METRAL
		angles	.XXX ±.051		size	88924
			0° ±2°		dwg no	213
		dr	T. BRUNGARD 11/19/99		sheet	3
		engr	S. XXXXXX mm/dd/yy			
		chr	M. STRAWSER 11/19/99	scale		
		appd	M. STRAWSER 02/29/00	11:1		
sheet index	revision sheet					

code code 22526



This document is the property of and embodies CONFIDENTIAL and PROPRIETARY information of FCI. No part of the information shown on this document may be used in any way or disclosed to others without the written consent of FCI. Copyright FCI.

METRAL P/N	ROW	CONTACT MOD. 1					MOD. 2					MOD. 3					MOD. 4					MOD. 5					MOD. 6					MOD. 7					MOD. 8																							
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48											
88924-X06 AND 88924-X06LF	D	3	2	2	2	3	3	3	3	3	3	3	2	2	3	3	2	2	3	3	3	2	2	3	3	1	1	1	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
	C	3	2	2	2	3	3	3	3	3	3	3	2	2	3	3	2	2	3	3	3	2	2	3	3	1	1	1	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3						
	B	3	2	2	2	3	3	3	3	3	3	3	2	2	3	3	2	2	3	3	3	2	2	3	3	1	1	1	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3						
	A	3	2	2	2	3	3	3	3	3	3	3	2	2	3	3	2	2	3	3	3	2	2	3	3	1	1	1	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3						

88924-X09 AND 88924-X09LF	D	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
	C	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3						
	B	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3						
	A	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3						

mat'l code		tolerances unless otherwise specified	CUSTOMER	www.fciconnect.com	
ltr	ecb no.	dr	date		COPY
AS					projection
				linear 0.XX ±0.13	
				angles .XXX ±.051	
				dr T. BRUNGARD 11/19/99	
				eng M. STRAWSER 11/19/99	
				chr M. STRAWSER 11/19/99	
				appd M. STRAWSER 02/29/00	
sheet index		revision	sheet	scale 1:1	
				product family METRAL	
				size dwg no 88924	
				code 213	
				sheet 5	
				code code 22526	



This document is the property of and embodies CONFIDENTIAL and PROPRIETARY information of FCJ. No part of the information shown on this document may be used in any way or disclosed to others without the written consent of FCJ. Copyright FCJ.

REV E - 2004-04-18

METRAL P/N	ROW	CONTACT MOD. CODE				MOD. 2				MOD. 3				MOD. 4				MOD. 5				MOD. 6				MOD. 7				MOD. 8																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46
88924-X46	D	1	1	3	1	1	1	1	1	1	3	1	1	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	1	1	1	1	3	3	1	1	1	1
	C	1	1	3	1	1	1	1	1	1	3	1	1	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	1	1	1	1	1	3	3	1	1	1	1
	B	1	1	3	1	1	1	1	1	1	3	1	1	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	1	1	1	1	1	3	3	1	1	1	1
88924-X46LF	A	1	1	3	1	1	1	1	1	3	1	1	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	1	1	1	1	1	3	3	1	1	1	1
	B	1	1	3	1	1	1	1	1	3	1	1	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	1	1	1	1	1	3	3	1	1	1	1	

METRAL P/N	ROW	CONTACT MOD. CODE				MOD. 2				MOD. 3				MOD. 4				MOD. 5				MOD. 6				MOD. 7				MOD. 8																				
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	
88924-X47	D	1	1	3	1	1	1	1	1	3	1	1	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
	C	1	1	3	1	1	1	1	1	3	1	1	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	B	1	1	3	1	1	1	1	1	3	1	1	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
88924-X47LF	A	1	1	3	1	1	1	1	3	1	1	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	B	1	1	3	1	1	1	1	3	1	1	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	

mat'l code				SEE NOTES				tolerances unless otherwise specified				CUSTOMER				www.fcjconnect.com			
lfr				ecm no.				dr				date				COPY			
AS												linear				projection			
																title METRAL SIGNAL HEADER 8 MOD, 4 ROW PRESS-FIT			
								angles								product family METRAL code 213			
								dr T. BRUNGARD				11/19/99				size			
								engr				S. XXXXXX				mm/dd/yy			
								chr				M. STRAWSER				11/19/99			
								oppd				M. STRAWSER				02/29/00			
												scale				11:1			
sheet index				revision sheet												size A			
																88924			
																sheet 13			
																code code 22526			