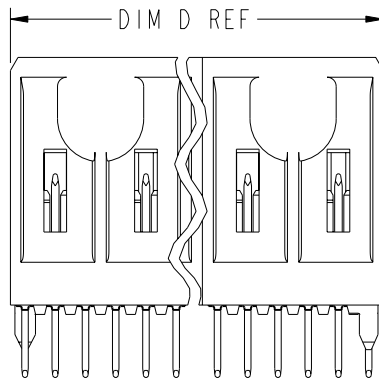
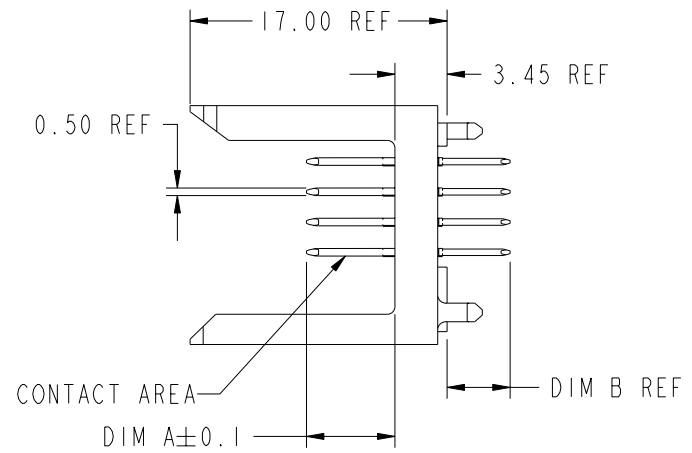
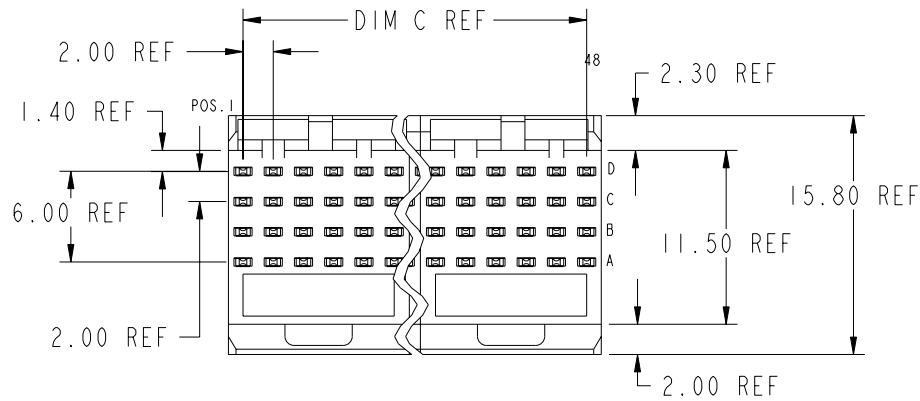


PRODUCT NUMBER
88962-XYX
88962-XYLFF

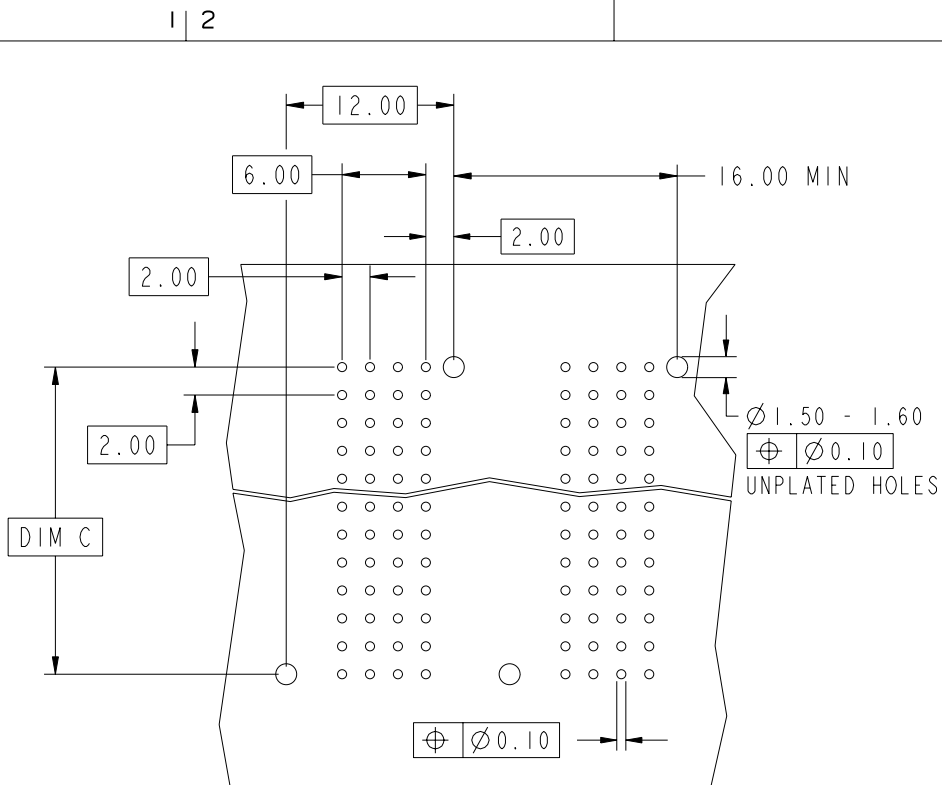


mat'l code				--			tolerances unless otherwise specified		CUSTOMER		FCI www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0.X ± 0.3		COPY		 title METRAL SIGNAL HEADER 4 ROW STB			
AD	V06-0492	DCH	2006-05-23		0.XX ± 0.13		projection					
-	-	-	-		.XXX ± .051							
X	V20266	TAB	02/04/02	angles	0° ± 2°		 MM		product family METRAL		code	
Y	V20786	CGD	04/25/02	dr	T.BRUNGARD	11/19/99	scale		size		213	
AA	V21670	TAB	10/18/02	engr	M.STRAWSER	11/19/99	2:1		dwg no		sheet	
AB	V03-1059	DAI	09/24/03	chr	M.STRAWSER	11/19/99	A		88962		1 of 5	
AC	V05-1126	DAI	01/05/06	appd	M.STRAWSER	02/29/00						
sheet index	revision sheet	AD 1	AD 2	AD 3	AD 4	AD 5						

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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	4.25
2	5.75	4.25
3	6.50	4.25
5	5.00	3.30
6	5.75	3.30
7	6.50	3.30
8	7.25	3.30
13	8.00	4.25

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 4 ROW STB
AD					0.XX ±0.13	projection			
					.XXX ±.051				
				angles	0° ±2°			product family	METRAL
		dr	T.BRUNGARD	11/19/99	scale		2:1	code	213
		enr	M.STRAWSER	11/19/99	size		A	dwg no	88962
		chr	M.STRAWSER	11/19/99	sheet		2		
		appd	M.STRAWSER	02/29/00	cage code		22526		
sheet index	revision sheet								

METRAL P/N	DIM C	DIM D	CONTACT CODE MOD. 1						MOD. 2						
			ROW	1	2	3	4	5	6	7	8	9	10	11	12
88962-X01 SEE NOTE 9 LEAD FREE OPTION	22.00	23.93	D	2	2	2	2	2	1	1	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	3	3	2	2	2	2	2

METRAL P/N	DIM C	DIM D	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4							
			ROW	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
88962-X02 SEE NOTE 9 LEAD FREE OPTION	46.00	47.93	D	5	5	5	5	5	5	-	-	-	-	-	-	-	-	-	-	-	-	-	5	5	6	5	5	5
			C	5	5	5	5	5	5	-	-	-	-	-	-	-	-	-	-	-	-	-	5	5	6	5	5	5
			B	5	5	5	5	5	5	-	-	-	-	-	-	-	-	-	-	-	-	-	5	5	6	5	5	5
			A	5	5	5	5	5	5	-	-	-	-	-	-	-	-	-	-	-	-	-	5	5	6	5	5	5

METRAL P/N	DIM C	DIM D	CONTACT CODE MOD. 1						
			ROW	1	2	3	4	5	6
88962-X03 SEE NOTE 9 LEAD FREE OPTION	10.00	11.93	D	2	1	1	1	1	1
			C	1	1	1	1	1	1
			B	1	1	1	1	1	1
			A	2	1	1	1	1	1

METRAL P/N	DIM C	DIM D	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4						MOD. 5						MOD. 6						MOD. 7						MOD. 8						
			ROW	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
88962-X04 SEE NOTE 9 LEAD FREE OPTION	94.00	95.93	D	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	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	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	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	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	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	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2						



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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 4 ROW STB			
AD					0.XX ± 0.13		projection					
				angles	.XXX ± .051							
					0° ± 2°							
				dr	T. BRUNGARD	11/19/99	product family		METRAL			
				engr	M. STRAWSER	11/19/99	size		dwg no			
				chr	M. STRAWSER	11/19/99	scale		1:1			
				appd	M. STRAWSER	02/29/00	product family METRAL code size A dwg no 88962		213 sheet 3			
sheet index	revision sheet									cage code	22526	4



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METRAL P/N	DIM C	DIM D	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4								
			ROW	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
88962-X05 SEE NOTE 9 LEAD FREE OPTION	46.00	47.93	D	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	5	5	5		
			C	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	5	5	5	
			B	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	5	5	5
			A	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	5	5	5

METRAL P/N	DIM C	DIM D	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4						MOD. 5						MOD. 6						MOD. 7						MOD. 8										
			ROW	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				
88962-X06 SEE NOTE 9 LEAD FREE OPTION	94.00	95.93	D	6	6	6	6	6	6	6	6	6	6	6	5	5	5	8	8	8	7	7	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8					
			C	6	6	6	6	6	6	6	6	6	6	6	5	5	5	8	8	8	7	7	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8		
			B	6	6	6	6	6	6	6	6	6	6	6	5	5	5	8	8	8	7	7	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
			A	6	6	6	6	6	6	6	6	6	6	6	5	5	5	8	8	8	7	7	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8

METRAL P/N	DIM C	DIM D	CONTACT CODE MOD. 1						
			ROW	1	2	3	4	5	6
88962-X07 SEE NOTE 9 LEAD FREE OPTION	10.00	11.93	D	-	1	-	1	-	1
			C	1	-	1	-	1	-
			B	-	1	-	1	-	1
			A	1	-	1	-	1	-

METRAL P/N	DIM C	DIM D	CONTACT CODE MOD. 1						
			ROW	1	2	3	4	5	6
88962-X08 SEE NOTE 9 LEAD FREE OPTION	10.00	11.93	D	1	-	1	-	1	-
			C	-	1	-	1	-	1
			B	1	-	1	-	1	-
			A	-	1	-	1	-	1

mat'l code				--		tolerances unless otherwise specified		CUSTOMER		www.fciconnect.com			
ltr	ecn no.	dr	date	linear	0.X ±0.3		COPY						
AD					0.XX ±0.13		title						
					.XXX ±.051		METRAL SIGNAL HEADER 4 ROW STB						
				angles	0° ±2°				product family		METRAL	code	
				dr	T.BRUNGARD	11/19/99	size		dwg no	213		sheet	
				engr	M.STRAWSER	11/19/99	A		88962		4		
				chr	M.STRAWSER	11/19/99	scale		1:1				
				appd	M.STRAWSER	02/29/00							
sheet index	revision sheet												

METRAL P/N	DIM C	DIM D	CONTACT CODE MOD. 1						
			ROW	1	2	3	4	5	6
88962-X09 SEE NOTE 9 LEAD FREE OPTION	10.00	11.93	D	3	3	-	3	3	-
			C	-	-	-	-	-	-
			B	-	-	-	-	-	-
			A	3	3	-	3	3	-

METRAL P/N	DIM C	DIM D	CONTACT CODE MOD. 1						MOD. 2								
			ROW	1	2	3	4	5	6	7	8	9	10	11	12		
88962-X10 SEE NOTE 9 LEAD FREE OPTION	22.00	23.93	D	3	3	1	1	1	1	1	1	1	1	-	1	1	
			C	3	3	1	1	1	1	1	1	1	1	-	1	1	
			B	3	3	1	1	1	1	1	1	1	1	1	-	1	1
			A	3	3	1	1	1	1	1	1	1	1	1	-	1	1

METRAL P/N	DIM C	DIM D	CONTACT CODE MOD. 1						MOD. 2						MOD. 3								
			ROW	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		
88962-X11 SEE NOTE 9 LEAD FREE OPTION	34.00	35.93	D	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
			C	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
			B	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
			A	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3

METRAL P/N	DIM C	DIM D	CONTACT CODE MOD. 1						MOD. 2							
			ROW	1	2	3	4	5	6	7	8	9	10	11	12	
88962-X12 SEE NOTE 9 LEAD FREE OPTION	22.00	23.93	D	13	1	13	13	1	1	1	1	1	1	13	13	3
			C	13	1	13	13	1	1	1	1	1	1	13	13	3
			B	13	1	13	13	1	1	1	1	1	1	13	13	3
			A	13	1	13	13	1	1	1	1	1	1	13	13	3

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 1	
-5YY	TELCORDIA UE	
-9YY	TELCORDIA CO	
-NIYYLF	TELCORDIA CO (NXT) IEC CLASS 1	SEE NOTE 8
-N5YYLF	TELCORDIA UE (NXT) IEC CLASS 1	SEE NOTE 8
-IYYLF	TELCORDIA CO IEC CLASS 1	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:
88962-XYX IS SnPb.
88962-XYXL IS Sn (LEAD FREE)
PERFORMANCE LEVEL SHOWN IN TABLE BELOW.
- 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 AND XXXXX-XXXPLF
- PRODUCT SPECIFICATION GS-12-180
APPLICATION SPECIFICATION BUS-20-073
- THE PRODUCTS WHERE THE PART NUMBERS END 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--- OR (DRAWING 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 "LF" SUFFIX.
EXAMPLE: 88962-X01LF OR 88962-X01PLF



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mat'l code				tolerances unless otherwise specified		CUSTOMER	FCI	
ltr	ecr no.	dr	date	linear	0.X ±0.3	COPY	www.fciconnect.com	
AD				angles	0.XX ±0.13	projection	title METRAL SIGNAL HEADER 4 ROW STB	
				dr	.XXX ±0.051	MM	product family METRAL code	
				engr	0° ±2°		size	dwg no
				chr		scale	88962	
				appd		1:1	sheet 5	
sheet index	revision sheet						cage code 22526	