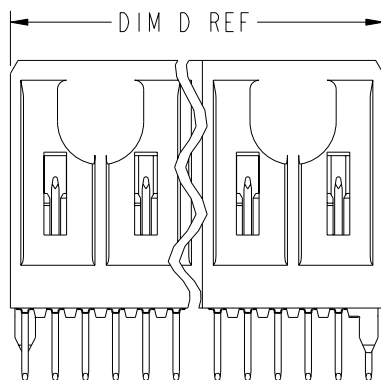
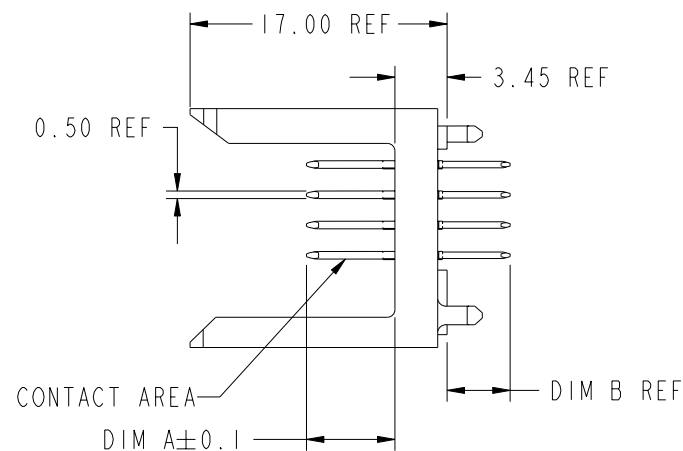
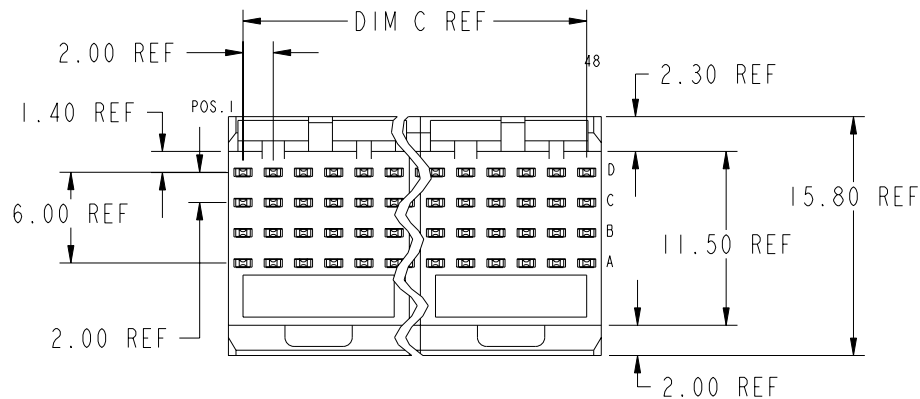
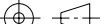
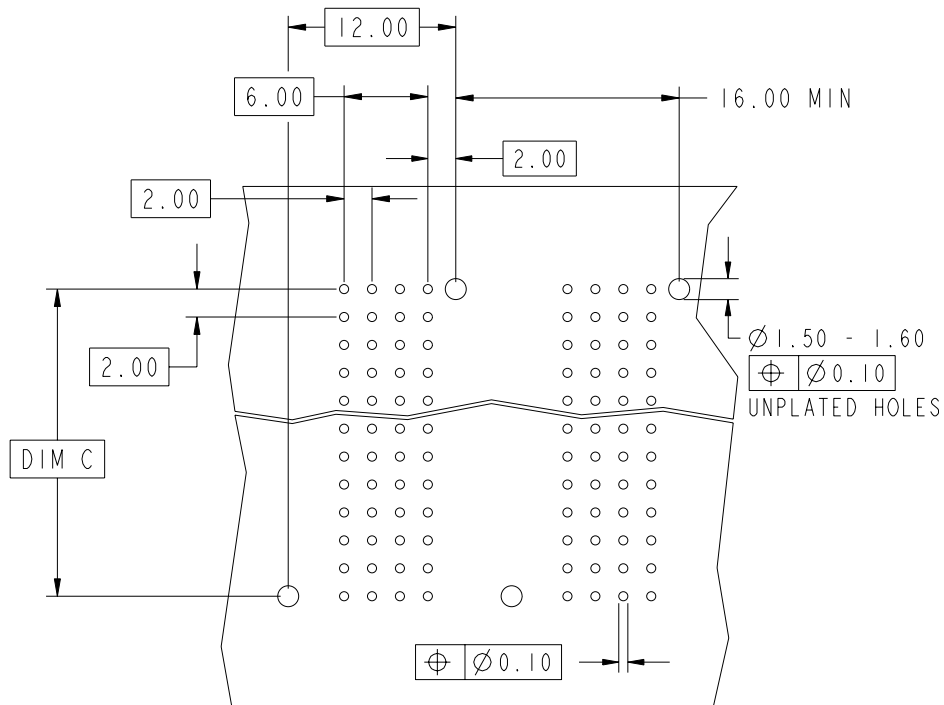




PRODUCT NUMBER
88962-XXX
88962-XXYLF

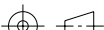


mat'l code				--		tolerances unless otherwise specified		CUSTOMER				www.fciconnect.com			
ltr	ecn no.	dr	date	linear	0.X ±0.3		COPY			title METRAL SIGNAL HEADER 4 ROW STB					
AD	V06-0492	DCH	2006-05-23		0.XX ±0.13										
-	-	-	-		.XXX ±.051										
X	V20266	TAB	02/04/02	angles	0° ±2°									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



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

REQUIRED PC BOARD LAYOUT
COMPONENT SIDE
SEE PRINT 58351 FOR
ADDITIONAL PCB INFORMATION

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°		 MM		product family		METRAL	code
				dr	T.BRUNGARD	11/19/99			size	dwg no	213 sheet 2	
				enr	M.STRAWER	11/19/99			scale			
				chr	M.STRAWER	11/19/99	2:1					
				appd	M.STRAWER	02/29/00						
sheet index		revision sheet										

cage code 22526

Pro/E

PDM: Rev:AD

STATUS: Released Printed: May 16, 2009

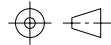


METRAL P/N	DIM C	DIM D	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4					
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
88962-X05 SEE NOTE 9 LEAD FREE OPTION	46.00	47.93	D	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	5	5	5	
			C	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6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

METRAL P/N	DIM C	DIM D	ROW	CONTACT CODE 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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
88962-X06 SEE NOTE 9 LEAD FREE OPTION	94.00	95.93	D	6	6	6	6	6	6	6	6	6	5	5	5	5	8	8	8	8	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	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	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	ROW	CONTACT CODE MOD. 1					
				1	2	3	4	5	6
88962-X07 SEE NOTE 9 LEAD FREE OPTION	10.00	11.93	D	-	I	-	I	-	I
			C	I	-	I	-	I	-
			B	-	I	-	I	-	I
			A	I	-	I	-	I	-

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

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



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

METRAL P/N	DIM C	DIM D	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3					
				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		
			C	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	
			A	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	

METRAL P/N	DIM C	DIM D	ROW	CONTACT CODE MOD. 1						MOD. 2					
				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	13	13	3	
			C	13	1	13	13	1	1	1	1	13	13	3	
			B	13	1	13	13	1	1	1	1	1	13	13	3
			A	13	1	13	13	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)	
-1YY	TELCORDIA CO	
-2YY	TELECOM CLASS	
-3YY	IEC CLASS I	
-5YY	TELCORDIA UE	
-9YY	TELCORDIA CO	
-NIYYLF	TELCORDIA CO (NXT) IEC CLASS I	SEE NOTE 8
-N5YYLF	TELCORDIA UE (NXT) IEC CLASS I	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:
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.) -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--- 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

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI			
lfr	ecn no.	dr	date	linear	0.X ±0.3	projection	COPY	www.fciconnect.com			
AD					0.XX ±0.13			title			
					.XXX ±.051			METRAL SIGNAL HEADER			
				angles	0° ±2°	MM	scale	product family			
				dr	T.BRUNGARD	11/19/99		METRAL			
				enrg	M.STRAWSE	11/19/99		code			
				chr	M.STRAWSE	11/19/99	A	size			
				appd	M.STRAWSE	02/29/00		dwg no			
								88962			
sheet	revision							sheet			
index	sheet							5			

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[FCI / Amphenol:](#)

[88962-102LF](#)