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**A**  
**FCI**

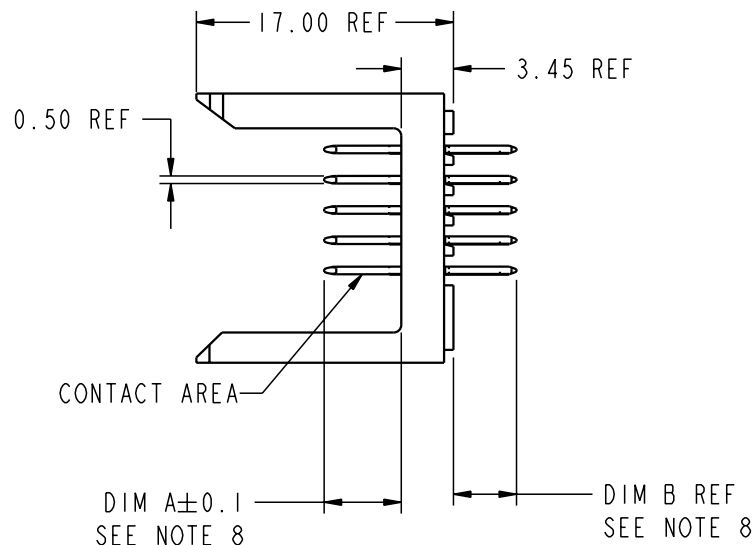
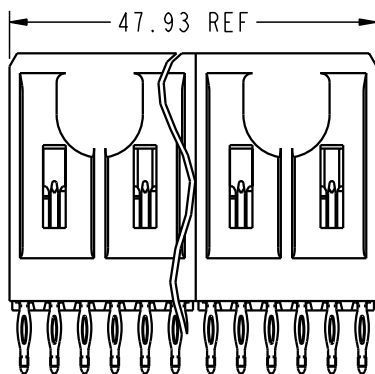
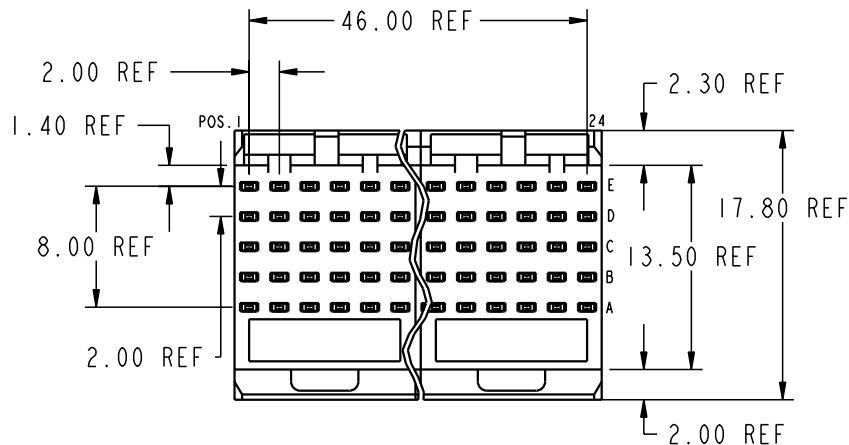
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A

**A**  
**FCI**

B

PRODUCT NUMBER
10028813-XYX
10028813-XYXLF



A

B

mat'l code				--		tolerances unless otherwise specified		CUSTOMER		<div><div>A</div><div>FCI</div><div>www.fciconnect.com</div></div>		
ltr	ecn no.	dr	date	linear	0. x ± 0.3		projection	COPY		title	METRAL SIGNAL HEADER 4 MOD, 5 ROW PRESS-FIT	
A	V03-0538	DAI	05/13/03		0. xx ± 0.13							
B	V04-0459	LP	5/25/04		. xxx ± .051							
C	V04-1100	DAI	01/27/05	angles	0° ± 2°			scale	2 : 1	product family	METRAL	code
				dr	D. INGRAM	05/13/03						
				engr	M. GRAY	05/13/03						
					chr	M. GRAY	05/13/03			size	dwg no	213
				appd	M. GRAY	05/13/03	sheet					
sheet index	revision sheet	C	C	C	C	C						
		1	2	3	4							

Pro/E

3

cage code  
22526

4

PDM: Rev:C

STATUS:Released

Printed: Feb 04, 2006

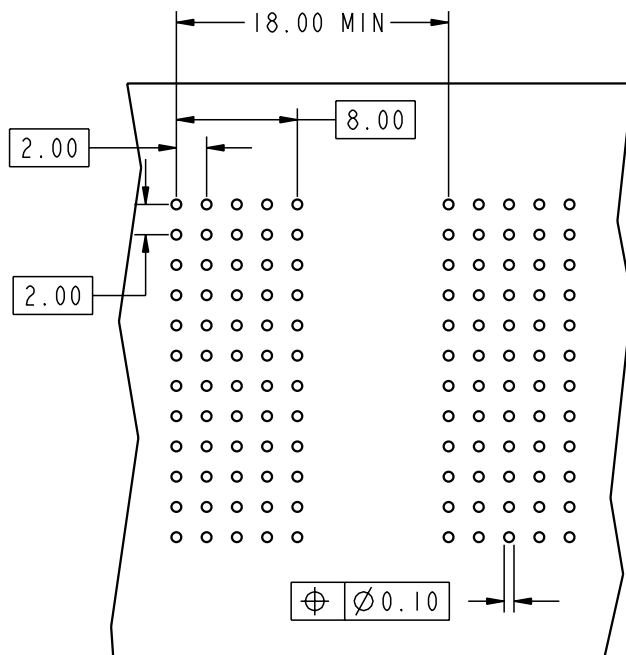
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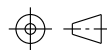
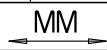
A

B



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

KEY		
CODE	DIMENSIONS	
	DIM "A" MATE	DIM "B" TAIL
2	5.75	4.30
1	5.00	4.30
4	7.25	4.30

mat'l code				- -		tolerances unless otherwise specified		CUSTOMER		<div> www.fciconnect.com</div>	
lfr	ecr no.	dr	date	linear	0. X $\pm$ 0.3		COPY		<div></div> <div></div> <div>MM</div> <div>scale</div> <div>1 : 1</div>	title <b>METRAL SIGNAL HEADER 4 MOD, 5 ROW PRESS-FIT</b>	
C					0. XX $\pm$ 0.13						
				angles	.XXX $\pm$ .051						
					0° $\pm$ 2°						
				dr	D. INGRAM	05/13/03	product family			METRAL	
				enrg	M. GRAY	05/13/03	size			dwg no	
				chr	M. GRAY	05/13/03	A			10028813	
				appd	M. GRAY	05/13/03					
sheet index		revision sheet									

A

B

Pro/E

3

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4

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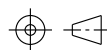
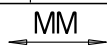
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**A**  
**FCI**

METRAL P/N	CUSTOMER P/N	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
10028813-X01  SEE NOTE 10 LEAD FREE OPTION	85801-2039	E	2	2	2	2	2	2	2	2	2	2	2	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	2	2	2	2	2	2	2	2	2	2	2	
		C	4	2	2	2	2	2	4	2	2	2	2	2	1	2	2	2	2	2	4	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	
		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

mat'l code				--				tolerances unless otherwise specified				CUSTOMER				 www.fciconnect.com								
lfr	ecn no.	dr	date	linear	0.X ±0.3				COPY								title <b>METRAL SIGNAL HEADER 4 MOD, 5 ROW PRESS-FIT</b>							
C					0.XX ±0.13				projection															
					.XXX ±.051																			
				angles	0° ±2°								product family METRAL				code							
				dr	D. INGRAM	05/13/03			scale 1:1								size				213			
				enrg	M. GRAY	05/13/03											dwg no				sheet			
				chr	M. GRAY	05/13/03							A				10028813				3			
				appd	M. GRAY	05/13/03																		
sheet index		revision sheet																						

cage code 22526

**A**  
**FCI**

**A**

**B**  
**FCI**

**B**

1 | 2

3 |

4

PRODUCT NUMBER
10028813-XYX
10028813-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:  
73934-XYX IS SnPb  
73934-XYXLF IS SN (LEAD FREE)  
PLATING ON CONTACT AREA CONFORMS TO 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
- PRODUCT SPECIFICATION GS-12-180  
APPLICATION SPECIFICATION BUS-20-073
- (8) AFTER INSERTION INTO CIRCUIT BOARD WITH  
QUALIFIED TOOL.
- (9) THE PRODUCTS WHERE THE PART NUMBER 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 140°C FOR  
NO LONGER THAN 15 SECONDS IN A WAVE SOLDER APPLICATION.

PLATING IN CONTACT AREA		NOTES
DASH NUMBER	PERFORMANCE LEVEL	-
-N1YY	TELCORDIA CO (NXT)	-
-N5YY	TELCORDIA UE (NXT)	-
-1YY	TELCORDIA CO	-
-2YY	TELECOM CLASS	-
-3YY	IEC CLASS I	-
-5YY	TELCORDIA UE	-
-9YY	TELCORDIA CO	-
-N1YYLF	TELCORDIA CO (NXT) IEC CLASS I	SEE NOTE 9
-N5YYLF	TELCORDIA UE (NXT)	SEE NOTE 9
-1YYLF	TELCORDIA CO IEC CLASS I	SEE NOTE 9
-2YYLF	TELECOM CLASS	SEE NOTE 9
-5YYLF	TELCORDIA UE	SEE NOTE 9

**A**

**B**

mat'l code				--		tolerances unless otherwise specified		CUSTOMER		<b>A</b> <b>FCI</b> www.fciconnect.com	
ltr	ecr no.	dr	date	linear			COPY		title <b>METRAL SIGNAL HEADER</b> <b>4 MOD, 5 ROW PRESS-FIT</b>		
C							projection				
				angles					product family METRAL code 213 sheet 4		
				dr	D. INGRAM	05/13/03	MM				
				enrg	M. STRAWSER	11/19/99					
				chr	M. GRAY	05/13/03	scale 1:1				
				appd	M. GRAY	05/13/03			size A dwg no 1002881		
sheet	revision										
index	sheet										

1 | 2

Pro/E

3 |

cage code 22526

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